

REST API Version 16.0 References

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About This Guide

Use this guide to understand the usage of REST API to make HTTPS queries and integrate JSA with other solutions.

1

CHAPTER

What's New in REST API Version 16.0

[What's New in REST API Version 16.0 | 2](#)

What's New in REST API Version 16.0

SUMMARY

JSA 7.4.3 introduces version 16.0 of the API endpoints.

IN THIS SECTION

- [New Endpoints | 2](#)
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New Endpoints

RESTful API 16.0 introduces new categories of API endpoints and updates to existing endpoints in the following categories:

Configuration Endpoints

- Access authorized services
- Certificates components
- Event sources
- Flow applications
- Flow common destination ports

SIEM Endpoints

- Offenses

Staged Configuration Endpoints

- Certificates
- Flow applications

Deprecated Endpoints

All version 13.x API endpoints are marked as deprecated in JSA 7.4.3.

Although deprecated endpoints continue to function, they will be removed in a future release. You must update your integration to use the most recent version of the JSA RESTful API. Responses to deprecated endpoint requests include a `Deprecated` response header.

2

CHAPTER

Access Endpoints

Access Endpoints | 4

Access Endpoints

SUMMARY

Use the references for REST API 16.0 access endpoints.

IN THIS SECTION

- [GET /access/login_attempts | 4](#)

GET /access/login_attempts

SUMMARY

Gets the list of login attempts.

Gets the list of login attempts. For SAAS and single signon authentication modules, failed login attempts will not be tracked. The successful login attempts will be created when the JSA session is created, not necessarily when the user entered their credentials on the single sign on login page. Any users or authorized service can call this endpoint. If the caller has the ADMIN capability, login attempts for all users will be returned. For all other callers, only login attempts for the current caller will be returned.

Table 1: GET /access/login_attempts resource details

GET /access/login_attempts resource details

MIME Type

application/json

Table 2: GET /access/login_attempts request parameter details

GET /access/login_attempts request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 3: GET /access/login_attempts response codes

GET /access/login_attempts response codes

HTTP Response Code	Unique Code	Description
200		An array of login attempts. The attempt_time is used as the default sort input in descending order.
422	1005	A request parameter is not valid.

Table 3: GET /access/login_attempts response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	1010	Invalid filter criteria supplied.
422	1030	The sort field or order is not valid
500	1020	An error occurred while retrieving login attempts.

Response Description

An array of login attempts. The `attempt_time` is used as the default sort input in descending order.

- **attempt_time** - Long - The time the login attempt happens. This time is in milliseconds since epoch.
- **user_id** - Long - ID of user who tried login attempt. Users are accessible through the `/api/config/access/users` APIs.
- **remote_ip** - String - The remote IP address that made the login attempt.
- **attempt_result** - Enum - The result of login attempt.
- **attempt_method** - Enum - The method of the login attempt. `HTTP_BASIC` is for API based HTTP basic, and `LOGIN_PAGE` is for UI login attempt.

Response Sample

```
[
  {
    "attempt_method": "String <one of: LOGIN_PAGE, HTTP_BASIC>",
    "attempt_result": "String <one of: SUCCESS, FAILURE>",
    "attempt_time": 42,
    "remote_ip": "String",
    "user_id": 42
  }
]
```



```
}  
]
```

3

CHAPTER

Analytics Endpoints

Analytics Endpoints | 9

Analytics Endpoints

SUMMARY

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GET /analytics/ade_rules

SUMMARY

Retrieves a list of ADE rules.

Retrieves a list of ADE rules.

Table 4: GET /analytics/ade_rules resource details

GET /analytics/ade_rules resource details

MIME Type

application/json

Table 5: GET /analytics/ade_rules request parameter details

GET /analytics/ade_rules request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 6: GET /analytics/ade_rules response codes

GET /analytics/ade_rules response codes

HTTP Response Code	Unique Code	Description
200		The ADE rules were retrieved.
422	1010	A request parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the ADE rules.

Response Description

An array of ADE Rule objects. An ADE Rule object contains the following fields:

- **id** - Long - The sequence ID of the ADE rule.
- **name** - String - The name of the ADE rule.
- **ade_rule_type** - String - The type of ADE rule: ANOMALY, BEHAVIORAL, THRESHOLD.
- **enabled** - Boolean - True if the ADE rule is enabled.
- **owner** - String - The owner of the ADE rule.
- **identifier** - String - The unique ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules.
- **linked_rule_identifier** - String - The linked ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules, and varies depending on the rule's origin as follows:
 - **SYSTEM** - The identifier value of the override rule, if one exists. If the system rule has not been overridden, the value will be null.
 - **OVERRIDE** - The identifier value of the system rule being overridden.
 - **USER** - The value will be null.
- **creation_date** - Long - The number of milliseconds since epoch when the rule was created.
- **modification_date** - Long - The number of milliseconds since epoch when the rule was last modified.

Response Sample

```
[
  {
    "creation_date": 42,
    "enabled": true,
    "id": 42,
    "identifier": "String",
    "linked_rule_identifier": "String",
    "modification_date": 42,
    "name": "String",
    "owner": "String",
```

```

    "type": "String <one of: ANOMALY, BEHAVIORAL, THRESHOLD>"
  }
]

```

GET /analytics/ade_rules/ade_rule_delete_tasks/{task_id}

SUMMARY

Retrieves the delete the ADE rule task status.

Retrieves the delete ADE rule task status.

Table 7: GET /analytics/ade_rules/ade_rule_delete_tasks/{task_id} resource details

GET /analytics/ade_rules/ade_rule_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 8: GET /analytics/ade_rules/ade_rule_delete_tasks/{task_id} request parameter details

GET /analytics/ade_rules/ade_rule_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 8: GET /analytics/ade_rules/ade_rule_delete_tasks/{task_id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 9: GET /analytics/ade_rules/ade_rule_delete_tasks/{task_id} response codes

GET /analytics/ade_rules/ade_rule_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status was retrieved.
404	1002	The Delete Task Status does not exist.
500	1020	An error occurred during the attempt to retrieve the Delete Task Status.

Response Description

A Delete Task Status object and the location header set to the task status url "/api/analytics/ade_rules/ade_rule_delete_tasks/{task_id}". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.

- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id}

SUMMARY

Retrieves the dependent the ADE rule task status.

Retrieves the dependent ADE rule task status.

Table 10: GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} resource details

GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 11: GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} request parameter details

GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 12: GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} response codes

GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status was retrieved.
404	1002	The Delete Task Status does not exist.
500	1020	An error occurred during the attempt to retrieve the Delete Task Status.

Response Description

A Dependent Task Status object and the location header set to the task status url `"/api/analytics/ade_rules/ade_rule_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task.
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.

- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
```

```

FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id}

SUMMARY

Cancels a dependent the ADE rule task.

Cancels a dependent ADE rule task.

Table 13: POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} resource details

POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 14: POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} request parameter details

POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 14: POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 15: POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} request body details

POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 16: POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} response codes

POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status was retrieved.
404	1002	The Dependent Task Status does not exist.

Table 16: POST /analytics/ade_rules/ade_rule_dependent_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the Dependent Task Status.

Response Description

A Dependent Task Status object and the location header set to the task status url "/api/analytics/ade_rules/ade_rule_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.

- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task.
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
```

```

    "created": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the ADE rule dependent task results.

Retrieves the ADE rule dependent task results.

Table 17: GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id}/results resource details

GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id}/results resource details

MIME Type
application/json

Table 18: GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id}/results request parameter details

GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 19: GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id}/results response codes

GET /analytics/ade_rules/ade_rule_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The ADE rule dependents were retrieved.
404	1002	The dependent task dtatus does not exist.
500	1020	An error occurred during the attempt to retrieve the ADE rules.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - The true if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
```

```

EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

DELETE /analytics/ade_rules/{id}

SUMMARY

Deletes an ADE rule. To ensure safe deletion, a dependency check is carried out. The check might take some time. An asynchronous task is started to do this check.

Deletes an ADE rule. To ensure safe deletion, a dependency check is carried out. The check might take some time. An asynchronous task is started to do this check.

Table 20: DELETE /analytics/ade_rules/{id} resource details

DELETE /analytics/ade_rules/{id} resource details

MIME Type

application/json

Table 21: DELETE /analytics/ade_rules/{id} request parameter details

DELETE /analytics/ade_rules/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 22: DELETE /analytics/ade_rules/{id} response codes

DELETE /analytics/ade_rules/{id} response codes

HTTP Response Code	Unique Code	Description
202		The ADE rule delete command was accepted and is in progress.
403	1009	You do not have the required capabilities to delete the ADE rule.
404	1002	The ADE rule does not exist.
500	1020	An error occurred during the attempt to delete the ADE rule.

Response Description

A Delete Task Status object and the location header set to the task status url `"/api/analytics/ade_rules/ade_rule_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state that the task is in.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /analytics/ade_rules/{id}

SUMMARY

Retrieves an ADE rule.

Retrieves an ADE rule.

Table 23: GET /analytics/ade_rules/{id} resource details

GET /analytics/ade_rules/{id} resource details

MIME Type
application/json

Table 24: GET /analytics/ade_rules/{id} request parameter details

GET /analytics/ade_rules/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 25: GET /analytics/ade_rules/{id} response codes

GET /analytics/ade_rules/{id} response codes

HTTP Response Code	Unique Code	Description
200		The ADE rule was retrieved.

Table 25: GET /analytics/ade_rules/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1002	The ADE rule does not exist.
500	1020	An error occurred during the attempt to retrieve the ADE rule.

Response Description

The ADE rule after it is retrieved. An ADE Rule object contains the following fields:

- **id** - Long - The sequence ID of the ADE rule.
- **name** - String - The name of the ADE rule.
- **ade_rule_type** - String - The type of ADE rule: ANOMALY, BEHAVIORAL, THRESHOLD.
- **enabled** - Boolean - True if the ADE rule is enabled.
- **owner** - String - The owner of the ADE rule.
- **identifier** - String - The unique ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules.
- **linked_rule_identifier** - String - The linked ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules, and varies depending on the rule's origin as follows:
 - **SYSTEM** - The identifier value of the override rule, if one exists. If the system rule has not been overridden, the value will be null.
 - **OVERRIDE** - The identifier value of the system rule being overridden.
 - **USER** - The value will be null.
- **creation_date** - Long - The number of milliseconds since epoch when the rule was created.
- **modification_date** - Long - The number of milliseconds since epoch when the rule was last modified.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "linked_rule_identifier": "String",
  "modification_date": 42,
  "name": "String",
  "owner": "String",
  "type": "String <one of: ANOMALY, BEHAVIORAL, THRESHOLD>"
}
```

POST /analytics/ade_rules/{id}

SUMMARY

Updates the ADE rule owner or enabled/disabled only.

Updates the ADE rule owner or enabled/disabled only.

Table 26: POST /analytics/ade_rules/{id} resource details

POST /analytics/ade_rules/{id} resource details

MIME Type

application/json

Table 27: POST /analytics/ade_rules/{id} request parameter details

POST /analytics/ade_rules/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 28: POST /analytics/ade_rules/{id} request body details

POST /analytics/ade_rules/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
ade_rule	Object	application/ json	null	{ "id": "1", "name": "String", "type": "String", "owner": "String" }

Table 29: POST /analytics/ade_rules/{id} response codes

POST /analytics/ade_rules/{id} response codes

HTTP Response Code	Unique Code	Description
200		The ADE rule was updated.
403	1009	You do not have the required capabilities to update the ADE rule.
404	1002	The ADE rule does not exist.
409	1004	The provided user does not have the required capabilities to own the ADE rule.

Table 29: POST /analytics/ade_rules/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the ADE rule.

Response Description

The ADE rule after it is updated. An ADE Rule object contains the following fields:

- **id** - Long - The sequence ID of the ADE rule.
- **name** - String - The name of the ADE rule.
- **ade_rule_type** - String - The type of ADE rule: ANOMALY, BEHAVIORAL, THRESHOLD.
- **enabled** - Boolean - True if the ADE rule is enabled.
- **owner** - String - The owner of the ADE rule.
- **identifier** - String - The unique ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules.
- **linked_rule_identifier** - String - The linked ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules, and varies depending on the rule's origin as follows:
 - **SYSTEM** - The identifier value of the override rule, if one exists. If the system rule has not been overridden, the value will be null.
 - **OVERRIDE** - The identifier value of the system rule being overridden.
 - **USER** - The value will be null.
- **creation_date** - Long - The number of milliseconds since epoch when the rule was created.
- **modification_date** - Long - The number of milliseconds since epoch when the rule was last modified.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "linked_rule_identifier": "String",
  "modification_date": 42,
  "name": "String",
  "owner": "String",
  "type": "String <one of: ANOMALY, BEHAVIORAL, THRESHOLD>"
}
```

GET /analytics/ade_rules/{id}/dependents

SUMMARY

Retrieves the objects that depend on the ADE rule.

Retrieves the objects that depend on the ADE rule.

Table 30: GET /analytics/ade_rules/{id}/dependents resource details

GET /analytics/ade_rules/{id}/dependents resource details

MIME Type

application/json

Table 31: GET /analytics/ade_rules/{id}/dependents request parameter details

GET /analytics/ade_rules/{id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 32: GET /analytics/ade_rules/{id}/dependents response codes

GET /analytics/ade_rules/{id}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The ADE rule dependents retrieval was accepted and is in progress.
404	1002	The ADE rule does not exist.
500	1020	An error occurred during the attempt to initiate the ADE rule dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status url "/api/analytics/ade_rules/ade_rule_dependents_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.

- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. the value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task.
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```

{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```



```

    }
  ]
}

```

GET /analytics/building_blocks

SUMMARY

Retrieves a list of building block rules.

Retrieves a list of building block rules.

Table 33: GET /analytics/building_blocks resource details

GET /analytics/building_blocks resource details

MIME Type

application/json

Table 34: GET /analytics/building_blocks request parameter details

GET /analytics/building_blocks request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 34: GET /analytics/building_blocks request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 35: GET /analytics/building_blocks response codes

GET /analytics/building_blocks response codes

HTTP Response Code	Unique Code	Description
200		The building block rules were retrieved.
422	1010	A request parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the building block rules.

Response Description

An array of Building Block Rule objects. An Building Block Rule object contains the following fields:

- **id** - Long - The sequence ID of the building block rule.

- **name** - String - The name of the building block rule.
- **building_block_type** - String - The type of building block rule: EVENT, FLOW, COMMON, USER.
- **enabled** - Boolean - True if the building block rule is enabled.
- **owner** - String - The owner of the building block rule.
- **origin** - String - The origin of the building block rule: SYSTEM, OVERRIDE, USER.
- **base_capacity** - Long - The base capacity of the building block rule in events per second.
- **base_host_id** - Long - The ID of the host from which the building block rule's base capacity was determined
- **average_capacity** - Long - The moving average capacity, in EPS, of the building block rule across all hosts.
- **capacity_timestamp** - Long - The epoch timestamp, in milliseconds, since the building block's capacity values were last updated.
- **identifier** - String - The unique ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules.
- **linked_rule_identifier** - String - The linked ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules, and varies depending on the rule's origin as follows:
 - **SYSTEM** - The identifier value of the override rule, if one exists. If the system rule has not been overridden, the value will be null.
 - **OVERRIDE** - The identifier value of the system rule being overridden.
 - **USER** - The value will be null.
- **creation_date** - Long - The number of milliseconds since epoch when the rule was created.
- **modification_date** - Long - The number of milliseconds since epoch when the rule was last modified.

Response Sample

```
[
  {
    "average_capacity": 42,
    "base_capacity": 42,
```

```

    "base_host_id": 42,
    "capacity_timestamp": 42,
    "creation_date": 42,
    "enabled": true,
    "id": 42,
    "identifier": "String",
    "linked_rule_identifier": "String",
    "modification_date": 42,
    "name": "String",
    "origin": "String <one of: SYSTEM, OVERRIDE, USER>",
    "owner": "String",
    "type": "String <one of: EVENT, FLOW, COMMON, OFFENSE>"
  }
]

```

GET /analytics/building_blocks/building_block_delete_tasks/{task_id}

SUMMARY

Retrieves the delete the building block rule task status.

Retrieves the delete building block rule task status.

Table 36: GET /analytics/building_blocks/building_block_delete_tasks/{task_id} resource details

GET /analytics/building_blocks/building_block_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 37: GET /analytics/building_blocks/building_block_delete_tasks/{task_id} request parameter details

GET /analytics/building_blocks/building_block_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 38: GET /analytics/building_blocks/building_block_delete_tasks/{task_id} response codes

GET /analytics/building_blocks/building_block_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status was retrieved.
404	1002	The Delete Task Status does not exist.
500	1020	An error occurred during the attempt to retrieve the Delete Task Status.

Response Description

A Delete Task Status object and the location header set to the task status url "/api/analytics/building_blocks/building_block_delete_tasks/{task_id}". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.

- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /analytics/building_blocks/building_block_dependent_tasks/ {task_id}

SUMMARY

Retrieves the dependent the building block rule task status.

Retrieves the dependent building block rule task status.

Table 39: GET /analytics/building_blocks/building_block_dependent_tasks/{task_id} resource details

GET /analytics/building_blocks/building_block_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 40: GET /analytics/building_blocks/building_block_dependent_tasks/{task_id} request parameter details

GET /analytics/building_blocks/building_block_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 41: GET /analytics/building_blocks/building_block_dependent_tasks/{task_id} response codes

GET /analytics/building_blocks/building_block_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status was retrieved.
404	1002	The Delete Task Status does not exist.

Table 41: GET /analytics/building_blocks/building_block_dependent_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the Delete Task Status.

Response Description

A Dependent Task Status object and the location header set to the task status url "/api/analytics/building_blocks/building_block_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields

- **message** - String - The localized sub-task status message.
- **status** - String - The current state of the sub-task.
- **sub_task_type** - String - The type of the sub-task
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **created** - Long - The time in milliseconds since epoch since the sub-task was created.
- **started** - Long - The time in milliseconds since epoch since the sub-task was started.
- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
```

```

    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /analytics/building_blocks/building_block_dependent_tasks/{task_id}

SUMMARY

Cancels the dependent the building block rule task.

Cancels the dependent building block rule task.

Table 42: POST /analytics/building_blocks/building_block_dependent_tasks/{task_id} resource details

POST /analytics/building_blocks/building_block_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 43: POST /analytics/building_blocks/building_block_dependent_tasks/{task_id} request parameter details

POST /analytics/building_blocks/building_block_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 44: POST /analytics/building_blocks/building_block_dependent_tasks/{task_id} request body details

POST /analytics/building_blocks/building_block_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 45: POST /analytics/building_blocks/building_block_dependent_tasks/{task_id} response codes

POST /analytics/building_blocks/building_block_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status has been retrieved.
404	1002	The Dependent Task Status does not exist.
409	1004	The task is in a completed state
422	1005	A request parameter is not valid
500	1020	An error occurred during the attempt to update the Dependent Task Status.

Response Description

A Dependent Task Status object and the location header set to the task status url `"/api/analytics/building_blocks/building_block_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested the cancellation of the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.

- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
```

```

    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
    EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_components": [
      {
        "completed": 42,
        "created": 42,
        "maximum": 42,
        "message": "String",
        "modified": 42,
        "number_of_dependents": 42,
        "progress": 42,
        "started": 42,
        "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
    CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
        "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
    FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
    FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
    FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
    FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
    FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
    FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
    FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
    FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
    FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
    FIND_DEPENDENT_FORWARDING_PROFILE>"
      }
    ]
  }

```

GET /analytics/building_blocks/building_block_dependent_tasks/ {task_id}/results

SUMMARY

Retrieves the building block rule dependent task results.

Retrieves the building block rule dependent task results

Table 46: GET /analytics/building_blocks/building_block_dependent_tasks/{task_id}/results resource details

GET /analytics/building_blocks/building_block_dependent_tasks/{task_id}/results resource details

MIME Type
application/json

Table 47: GET /analytics/building_blocks/building_block_dependent_tasks/{task_id}/results request parameter details

GET /analytics/building_blocks/building_block_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 48: GET /analytics/building_blocks/building_block_dependent_tasks/{task_id}/results response codes

GET /analytics/building_blocks/building_block_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The building block rule dependents were retrieved.
404	1002	The Dependent Task Status does not exist.

Table 48: GET /analytics/building_blocks/building_block_dependent_tasks/{task_id}/results response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the building block rules.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource.
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - The true if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
  },
]
```



```

    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

DELETE /analytics/building_blocks/{id}

SUMMARY

Deletes the building block rule. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Deletes the building block rule. To ensure safe deletion we check if anything depends on it, this may take some time. Therefore we start an asynchronous task to do this.

Table 49: DELETE /analytics/building_blocks/{id} resource details

DELETE /analytics/building_blocks/{id} resource details

MIME Type
application/json

Table 50: DELETE /analytics/building_blocks/{id} request parameter details

DELETE /analytics/building_blocks/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 51: DELETE /analytics/building_blocks/{id} response codes

DELETE /analytics/building_blocks/{id} response codes

HTTP Response Code	Unique Code	Description
202		The building block rule delete command was accepted and is in progress.
403	1009	You do not have the required capabilities to delete the building block rule.

Table 51: DELETE /analytics/building_blocks/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1002	The building block rule does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the building block rule.

Response Description

A Delete Task Status object and the location header set to the task status url "/api/analytics/building_blocks/building_block_delete_tasks/{task_id}". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state that the task is in.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /analytics/building_blocks/{id}

SUMMARY

Retrieves a building block rule.

Retrieves a building block rule.

Table 52: GET /analytics/building_blocks/{id} resource details

GET /analytics/building_blocks/{id} resource details

MIME Type

application/json

Table 53: GET /analytics/building_blocks/{id} request parameter details

GET /analytics/building_blocks/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 54: GET /analytics/building_blocks/{id} response codes

GET /analytics/building_blocks/{id} response codes

HTTP Response Code	Unique Code	Description
200		The building block rule was retrieved.
404	1002	The building block rule does not exist.
500	1020	An error occurred during the attempt to retrieve the building block rule.

Response Description

The building block rule after it is retrieved. An Building Block Rule object contains the following fields:

- **id** - Long - The sequence ID of the building block rule.
- **name** - String - The name of the building block rule.
- **building_block_type** - String - The type of building block rule: EVENT, FLOW, COMMON, USER.
- **enabled** - Boolean - True if the building block rule is enabled.

- **owner** - String - The owner of the building block rule.
- **origin** - String - The origin of the building block rule: SYSTEM, OVERRIDE, USER.
- **base_capacity** - Long - The base capacity of the building block rule in events per second.
- **base_host_id** - Long - The ID of the host from which the building block rule's base capacity was determined
- **average_capacity** - Long - The moving average capacity, in EPS, of the building block rule across all hosts.
- **capacity_timestamp** - Long - The epoch timestamp, in milliseconds, since the building block's capacity values were last updated.
- **identifier** - String - The unique ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules.
- **linked_rule_identifier** - String - The linked ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules, and varies depending on the rule's origin as follows:
 - **SYSTEM** - The identifier value of the override rule, if one exists. If the system rule has not been overridden, the value will be null.
 - **OVERRIDE** - The identifier value of the system rule being overridden.
 - **USER** - The value will be null.
- **creation_date** - Long - The number of milliseconds since epoch when the rule was created.
- **modification_date** - Long - The number of milliseconds since epoch when the rule was last modified.

Response Sample

```
{
  "average_capacity": 42,
  "base_capacity": 42,
  "base_host_id": 42,
  "capacity_timestamp": 42,
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
```

```

    "linked_rule_identifier": "String",
    "modification_date": 42,
    "name": "String",
    "origin": "String <one of: SYSTEM, OVERRIDE, USER>",
    "owner": "String",
    "type": "String <one of: EVENT, FLOW, COMMON, OFFENSE>"
  }

```

POST /analytics/building_blocks/{id}

SUMMARY

Updates the building block rule owner or enabled/disabled only.

Updates the building block rule owner or enabled/disabled only.

Table 55: POST /analytics/building_blocks/{id} resource details

POST /analytics/building_blocks/{id} resource details

MIME Type

application/json

Table 56: POST /analytics/building_blocks/{id} request parameter details

POST /analytics/building_blocks/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 56: POST /analytics/building_blocks/{id} request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 57: POST /analytics/building_blocks/{id} request body details

POST /analytics/building_blocks/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
building_block	Object	application/json	null	{ "id": "1", "name": "String", "type": "String", "owner": "String" }

Table 58: POST /analytics/building_blocks/{id} response codes

POST /analytics/building_blocks/{id} response codes

HTTP Response Code	Unique Code	Description
200		The building block rule was updated.
403	1009	You do not have the required capabilities to update the building block rule.
404	1002	The building block rule does not exist.
409	1004	The provided user does not have the required capabilities to own the building block rule.

Table 58: POST /analytics/building_blocks/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the building block rule.

Response Description

The building block rule after it is updated. A building block rule object contains the following fields:

- **id** - Long - The sequence ID of the building block rule.
- **name** - String - The name of the building block rule.
- **building_block_type** - String - The type of building block rule: EVENT, FLOW, COMMON, USER.
- **enabled** - Boolean - True if the building block rule is enabled.
- **owner** - String - The owner of the building block rule.
- **origin** - String - The origin of the building block rule: SYSTEM, OVERRIDE, USER.
- **base_capacity** - Long - The base capacity of the building block rule in events per second.
- **base_host_id** - Long - The ID of the host from which the building block rule's base capacity was determined
- **average_capacity** - Long - The moving average capacity, in EPS, of the building block rule across all hosts.
- **capacity_timestamp** - Long - The epoch timestamp, in milliseconds, since the building block's capacity values were last updated.
- **identifier** - String - The unique ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules.
- **linked_rule_identifier** - String - The linked ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules, and varies depending on the rule's origin as follows:

- **SYSTEM** - The identifier value of the override rule, if one exists. If the system rule has not been overridden, the value will be null.
- **OVERRIDE** - The identifier value of the system rule being overridden.
- **USER** - The value will be null.
- **creation_date** - Long - The number of milliseconds since epoch when the rule was created.
- **modification_date** - Long - The number of milliseconds since epoch when the rule was last modified.

Response Sample

```
{
  "average_capacity": 42,
  "base_capacity": 42,
  "base_host_id": 42,
  "capacity_timestamp": 42,
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "linked_rule_identifier": "String",
  "modification_date": 42,
  "name": "String",
  "origin": "String <one of: SYSTEM, OVERRIDE, USER>",
  "owner": "String",
  "type": "String <one of: EVENT, FLOW, COMMON, OFFENSE>"
}
```

GET /analytics/building_blocks/{id}/dependents

SUMMARY

Retrieves the objects that depend on the building block rule.

Retrieves the objects that depend on the building block rule

Table 59: GET /analytics/building_blocks/{id}/dependents resource details

GET /analytics/building_blocks/{id}/dependents resource details

MIME Type
application/json

Table 60: GET /analytics/building_blocks/{id}/dependents request parameter details

GET /analytics/building_blocks/{id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 61: GET /analytics/building_blocks/{id}/dependents response codes

GET /analytics/building_blocks/{id}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The building block rule dependents retrieval was accepted and is in progress.
404	1002	The building block rule does not exist.

Table 61: GET /analytics/building_blocks/{id}/dependents response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to initiate the building block rule dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status url "/api/analytics/building_blocks/building_block_dependents_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. the value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.

- **status** - String - The current state of the sub-task.
- **sub_task_type** - String - The type of the sub-task
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **created** - Long - The time in milliseconds since epoch since the sub-task was created.
- **started** - Long - The time in milliseconds since epoch since the sub-task was started.
- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
```

```

    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

GET /analytics/custom_actions/actions

SUMMARY

Retrieves a list of available custom actions.

Retrieves a list of available custom actions.

Table 62: GET /analytics/custom_actions/actions resource details

GET /analytics/custom_actions/actions resource details

MIME Type

application/json

Table 63: GET /analytics/custom_actions/actions request parameter details

GET /analytics/custom_actions/actions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 64: GET /analytics/custom_actions/actions response codes

GET /analytics/custom_actions/actions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of custom actions have been successfully retrieved.
500	1020	An internal server error occurred while retrieving custom actions.

Response Description

Array of available custom actions which in turn contain the following fields:

- **id** - Number - Unique ID of the custom action within the JSA deployment.
- **name** - String - Unique name of the custom action within the JSA deployment.
- **description** - String - Optional description attached to the custom action.
- **interpreter** - Number - Unique ID of the custom action interpreter used by the custom action.
- **script** - Number - Unique ID of the custom action script used by the custom action.
- **parameters** - Array - Array of custom action parameters contained within the custom action. Each Custom action parameter has the following fields:
 - **name** - String - Name of the custom action parameter. Unique in the context of the parent custom action.
 - **parameter_type** - String - Custom action parameter type. Can be either *fixed* or *dynamic*.
 - **encrypted** - Boolean - Designates whether the custom action parameter value field is stored in an encrypted state. *True* if encrypted, *false* otherwise.
 - **value** - String - Value of the custom action parameter.

Response Sample

```
[
  {
    "description": "String",
    "id": 42,
    "interpreter": 42,
    "name": "String",
    "parameters": [
      {
        "encrypted": true,
        "name": "String",
        "parameter_type": "String",
        "value": "String"
      }
    ]
  }
]
```



```

    ],
    "script": 42
  }
]

```

POST /analytics/custom_actions/actions

SUMMARY

Creates a new custom action with the supplied fields.

Creates a new custom action with the supplied fields. The custom action must contain the following fields:

- **name** - *Required* - String - Unique name of the custom action within the JSA deployment.
- **description** - *Optional* - String - Description of the custom action.
- **interpreter** - *Required* - Number - Unique ID of the custom action interpreter used by the custom action.
- **script** - *Required* - Number - Unique ID of the custom action script used by the custom action.
- **parameters** - *Required* - Array - Array of custom action parameters contained within the custom action. Each Custom action parameter must have the following fields:
 - **name** - *Required* - String - Name of the custom action parameter. Unique in the context of the parent custom action.
 - **parameter_type** - *Required* - String - Custom action parameter type. Can be either *fixed* or *dynamic*.
 - **encrypted** - *Required* - Boolean - Designates whether the custom action parameter value field is stored in an encrypted state. *True* if encrypted, *false* otherwise.
 - **value** - *Required* - String - Value of the custom action parameter. Custom action parameters with parameter_type *fixed* can have any value. Custom action parameters with parameter_type *dynamic* must have values corresponding to column names in an Ariel database, for example *sourceip*. Ariel database column names are available through the `/api/ariel/databases/{database_name}` endpoint.

Table 65: POST /analytics/custom_actions/actions resource details

POST /analytics/custom_actions/actions resource details

MIME Type
application/json

Table 66: POST /analytics/custom_actions/actions request parameter details

POST /analytics/custom_actions/actions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 67: POST /analytics/custom_actions/actions request body details

POST /analytics/custom_actions/actions request body details

Parameter	Data Type	MIME Type	Description	Sample
custom_action	Object	application/json	Custom action JSON object containing the supplied fields (see above for more details).	{ "description": "String", "interpreter": 42, "name": "String", "parameters": [{ "encrypted": true, "name": "String", "parameter_type": "String", "value": "String" }], "script": 42 }

Table 68: POST /analytics/custom_actions/actions response codes

POST /analytics/custom_actions/actions response codes

HTTP Response Code	Unique Code	Description
201		A new custom action has been successfully created.
422	1005	One or more parameters are invalid in request.
500	1020	An internal server error occurred while posting custom action.

Response Description

The newly created custom action with the following fields:

- **id** - Number - Unique ID of the custom action within the JSA deployment.
- **name** - String - Unique name of the custom action within the JSA deployment.
- **description** - String - Optional description attached to the custom action.
- **interpreter** - Number - Unique ID of the custom action interpreter used by the custom action.
- **script** - Number - Unique ID of the custom action script used by the custom action.
- **parameters** - Array - Array of custom action parameters contained within the custom action. Each Custom action parameter has the following fields:
 - **name** - String - Name of the custom action parameter. Unique in the context of the parent custom action.
 - **parameter_type** - String - Custom action parameter type. Can be either *fixed* or *dynamic*.
 - **encrypted** - Boolean - Designates whether the custom action parameter value field is stored in an encrypted state. *True* if encrypted, *false* otherwise.
 - **value** - String - Value of the custom action parameter.

Response Sample

```
{
  "description": "String",
  "id": 42,
  "interpreter": 42,
  "name": "String",
  "parameters": [
    {
      "encrypted": true,
      "name": "String",
      "parameter_type": "String",
      "value": "String"
    }
  ],
  "script": 42
}
```

DELETE /analytics/custom_actions/actions/{action_id}

SUMMARY

Deletes an existing custom action.

Deletes an existing custom action.

Table 69: DELETE /analytics/custom_actions/actions/{action_id} resource details

DELETE /analytics/custom_actions/actions/{action_id} resource details

MIME Type

text/plain

Table 70: DELETE /analytics/custom_actions/actions/{action_id} request parameter details

DELETE /analytics/custom_actions/actions/{action_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
action_id	path	Required	Number (Integer)	text/plain	Number id of the custom action you wish to delete.

Table 71: DELETE /analytics/custom_actions/actions/{action_id} response codes

DELETE /analytics/custom_actions/actions/{action_id} response codes

HTTP Response Code	Unique Code	Description
204		The custom action has been deleted.
404	1002	The requested custom action could not be found.
500	1020	An internal server error occurred while deleting custom action with supplied action_id.

Response Description

Empty response with 204 successful response code.

Response Sample

GET /analytics/custom_actions/actions/{action_id}

SUMMARY

Retrieves a custom action based on the supplied action_id.

Retrieves a custom action based on the supplied action_id.

Table 72: GET /analytics/custom_actions/actions/{action_id} resource details

GET /analytics/custom_actions/actions/{action_id} resource details

MIME Type

application/json

Table 73: GET /analytics/custom_actions/actions/{action_id} request parameter details

GET /analytics/custom_actions/actions/{action_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
action_id	path	Required	Number (Integer)	text/plain	Long id of the custom action to be retrieved.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 74: GET /analytics/custom_actions/actions/{action_id} response codes

GET /analytics/custom_actions/actions/{action_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested custom action has been successfully retrieved.
404	1002	The requested custom action could not be found.
500	1020	An internal server error occurred while retrieving custom action with supplied action_id.

Response Description

A custom action with containing following fields:

- **id** - Number - Unique ID of the custom action within the JSA deployment.
- **name** - String - Unique name of the custom action within the JSA deployment.
- **description** - String - Optional description attached to the custom action.
- **interpreter** - Number - Unique ID of the custom action interpreter used by the custom action.
- **script** - Number - Unique ID of the custom action script used by the custom action.
- **parameters** - Array - Array of custom action parameters contained within the custom action. Each Custom action parameter has the following fields:
 - **name** - String - Name of the custom action parameter. Unique in the context of the parent custom action.
 - **parameter_type** - String - Custom action parameter type. Can be either *fixed* or *dynamic*.
 - **encrypted** - Boolean - Designates whether the custom action parameter value field is stored in an encrypted state. *True* if encrypted, *false* otherwise.
 - **value** - String - Value of the custom action parameter.

Response Sample

```
{
  "description": "String",
  "id": 42,
  "interpreter": 42,
  "name": "String",
  "parameters": [
    {
      "encrypted": true,
      "name": "String",
      "parameter_type": "String",
      "value": "String"
    }
  ],
  "script": 42
}
```

POST /analytics/custom_actions/actions/{action_id}

SUMMARY

Updates an existing custom action.

Updates an existing custom action. The custom action should contain the following fields:

- **id** - *Required* - Number - Unique ID of the custom action within the JSA deployment.
- **name** - *Optional* - String - Unique name of the custom action within the JSA deployment.
- **description** - *Optional* - String - Description of the custom action.
- **interpreter** - *Required* - Number - Unique ID of the custom action interpreter used by the custom action.
- **script** - *Required* - Number - Unique ID of the custom action script used by the custom action.

- **parameters** - *Required* - Array - Array of custom action parameters contained within the custom action. Each Custom action parameter must have the following fields:
 - **name** - *Required* - String - Name of the custom action parameter. Unique in the context of the parent custom action.
 - **parameter_type** - *Optional* - String - Custom action parameter type. Can be either *fixed* or *dynamic*.
 - **encrypted** - *Optional* - Boolean - Designates whether the custom action parameter value field is stored in an encrypted state. *True* if encrypted, *false* otherwise.
 - **value** - *Optional* - String - Value of the custom action parameter. Custom action parameters with parameter_type *fixed* can have any value. Custom action parameters with parameter_type *dynamic* must have values corresponding to column names in an Ariel database, for example *sourceip*. Ariel database column names are available through the `/api/ariel/databases/{database_name}` endpoint.

Table 75: POST /analytics/custom_actions/actions/{action_id} resource details

POST /analytics/custom_actions/actions/{action_id} resource details

MIME Type
application/json

Table 76: POST /analytics/custom_actions/actions/{action_id} request parameter details

POST /analytics/custom_actions/actions/{action_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
action_id	path	Required	Number (Integer)	text/plain	Number id of the custom action to be updated.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 77: POST /analytics/custom_actions/actions/{action_id} request body details

POST /analytics/custom_actions/actions/{action_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
custom_action	Object	application/json	Custom action JSON object which can contain the supplied fields (see above for more details).	{ "description": "String", "id": 42, "interpreter": 42, "name": "String", "parameters": [{" "encrypted": true, "name": "String", "parameter_type": "String", "value": "String" }], "script": 42 }

Table 78: POST /analytics/custom_actions/actions/{action_id} response codes

POST /analytics/custom_actions/actions/{action_id} response codes

HTTP Response Code	Unique Code	Description
200		The custom action has been updated.
404	1002	The requested custom action could not be found.
422	1005	One or more parameters are invalid in request.
500	1020	An internal server error occurred while updating custom action with supplied action_id.

Response Description

The updated custom action with the following fields:

- **id** - Number - Unique ID of the custom action within the JSA deployment.
- **name** - String - Unique name of the custom action within the JSA deployment.
- **description** - String - Optional description attached to the custom action.
- **interpreter** - Number - Unique ID of the custom action interpreter used by the custom action.

- **script** - Number - Unique ID of the custom action script used by the custom action.
- **parameters** - Array - Array of custom action parameters contained within the custom action. Each Custom action parameter has the following fields:
 - **name** - String - Name of the custom action parameter. Unique in the context of the parent custom action.
 - **parameter_type** - String - Custom action parameter type. Can be either *fixed* or *dynamic*.
 - **encrypted** - Boolean - Designates whether the custom action parameter value field is stored in an encrypted state. *True* if encrypted, *false* otherwise.
 - **value** - String - Value of the custom action parameter.

Response Sample

```
{
  "description": "String",
  "id": 42,
  "interpreter": 42,
  "name": "String",
  "parameters": [
    {
      "encrypted": true,
      "name": "String",
      "parameter_type": "String",
      "value": "String"
    }
  ],
  "script": 42
}
```

GET /analytics/custom_actions/interpreters

SUMMARY

Retrieves a list of available custom action interpreters.

Retrieves a list of available custom action interpreters.

Table 79: GET /analytics/custom_actions/interpreters resource details

GET /analytics/custom_actions/interpreters resource details

MIME Type

application/json

Table 80: GET /analytics/custom_actions/interpreters request parameter details

GET /analytics/custom_actions/interpreters request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 80: GET /analytics/custom_actions/interpreters request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 81: GET /analytics/custom_actions/interpreters response codes

GET /analytics/custom_actions/interpreters response codes

HTTP Response Code	Unique Code	Description
200		The requested list of custom action interpreters have been retrieved.
500	1020	An internal server error occurred while retrieving available custom action interpreters.

Response Description

Array of available custom action interpreters, each with the following fields:

- **id** - Number - Unique ID of the custom action interpreter within the JSA deployment.
- **name** - String - Name of the custom action interpreter.

Response Sample

```
[
  {
```

```

    "id": 42,
    "name": "String"
  }
]

```

GET /analytics/custom_actions/interpreters/{interpreter_id}

SUMMARY

Retrieves a custom action interpreter based on supplied interpreter_id.

Retrieves a custom action interpreter based on supplied interpreter_id.

Table 82: GET /analytics/custom_actions/interpreters/{interpreter_id} resource details

GET /analytics/custom_actions/interpreters/{interpreter_id} resource details

MIME Type

application/json

Table 83: GET /analytics/custom_actions/interpreters/{interpreter_id} request parameter details

GET /analytics/custom_actions/interpreters/{interpreter_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
interpreter_id	path	Required	Number (Integer)	text/plain	Number id of custom action interpreter to be retrieved.

Table 83: GET /analytics/custom_actions/interpreters/{interpreter_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 84: GET /analytics/custom_actions/interpreters/{interpreter_id} response codes

GET /analytics/custom_actions/interpreters/{interpreter_id} response codes

HTTP Response Code	Unique Code	Description
200		- The requested custom action interpreter has been retrieved.
404	1002	The requested custom action interpreter could not be found.
500	1020	An internal server error occurred while retrieving custom action interpreter with supplied interpreter_id.

Response Description

A custom action interpreter with the following fields:

- **id** - Number - Unique ID of the custom action interpreter within the JSA deployment.
- **name** - String - Name of the custom action interpreter.

Response Sample

```
{  
  "id": 42,  
  "name": "String"  
}
```

GET /analytics/custom_actions/scripts

SUMMARY

Retrieves a list of meta-data for available custom action script files.

Retrieves a list of meta-data for available custom action script files.

Table 85: GET /analytics/custom_actions/scripts resource details

GET /analytics/custom_actions/scripts resource details

MIME Type

application/json

Table 86: GET /analytics/custom_actions/scripts request parameter details

GET /analytics/custom_actions/scripts request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 86: GET /analytics/custom_actions/scripts request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 87: GET /analytics/custom_actions/scripts response codes

GET /analytics/custom_actions/scripts response codes

HTTP Response Code	Unique Code	Description
200		The requested custom action script file has been retrieved.
500	1020	An internal server error occurred while retrieving available custom action script file meta-data.

Response Description

Array of available custom action script file meta-data, each with the following fields:

- **id** - Number - Unique ID of the custom action script file within the JSA deployment.
- **name** - String - Name of the custom action script file.

Response Sample

```
[
  {
    "file_name": "String",
    "id": 42
  }
]
```

POST /analytics/custom_actions/scripts

SUMMARY

Creates a new custom action script file. Newly created custom action script files require a deployment before using.

Creates a new custom action script file. Newly created custom action script files require a deployment before using. Users can include an *optional*/HTTP header **file_name** containing the custom action script file name. If not specified this is defaulted to the script id of the uploaded file.

Table 88: POST /analytics/custom_actions/scripts resource details

POST /analytics/custom_actions/scripts resource details

MIME Type

application/json

Table 89: POST /analytics/custom_actions/scripts request parameter details

POST /analytics/custom_actions/scripts request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 90: POST /analytics/custom_actions/scripts request body details

POST /analytics/custom_actions/scripts request body details

Parameter	Data Type	MIME Type	Description	Sample
file	File	application/octet-stream	<i>Required.</i> The custom action script file. Must be supplied with MIME type <i>application/octet-stream</i> .	File

Table 91: POST /analytics/custom_actions/scripts response codes

POST /analytics/custom_actions/scripts response codes

HTTP Response Code	Unique Code	Description
201		A custom action script file has been created.
500	1020	An internal server error occurred while posting custom action script file.

Response Description

Custom action script file meta-data with the following fields:

- **id** - Number - Unique ID of the custom action script within the JSA deployment.
- **name** - String - Name of the custom action script.

Response Sample

```
{
  "file_name": "String",
  "id": 42
}
```

DELETE /analytics/custom_actions/scripts/{script_id}

SUMMARY

Deletes an existing custom action script file.

Deletes an existing custom action script file.

Table 92: DELETE /analytics/custom_actions/scripts/{script_id} resource details

DELETE /analytics/custom_actions/scripts/{script_id} resource details

MIME Type

text/plain

Table 93: DELETE /analytics/custom_actions/scripts/{script_id} request parameter details

DELETE /analytics/custom_actions/scripts/{script_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
script_id	path	Required	Number (Integer)	text/plain	Number id of the custom action script file to be deleted.

Table 94: DELETE /analytics/custom_actions/scripts/{script_id} response codes

DELETE /analytics/custom_actions/scripts/{script_id} response codes

HTTP Response Code	Unique Code	Description
204		The custom action script file has been deleted.
404	1002	The requested custom action script file could not be found.
422	1005	The requested custom action script file is tied to an existing custom action.
500	1020	An internal server error occurred while deleting custom action script file with supplied script_id.

Response Description

Empty response with a 204 successful response code.

Response Sample

GET /analytics/custom_actions/scripts/{script_id}

SUMMARY

Retrieves meta-data of a custom action script file based on supplied script_id.

Retrieves meta-data of a custom action script file based on supplied script_id.

Table 95: GET /analytics/custom_actions/scripts/{script_id} resource details

GET /analytics/custom_actions/scripts/{script_id} resource details

MIME Type

application/json

Table 96: GET /analytics/custom_actions/scripts/{script_id} request parameter details

GET /analytics/custom_actions/scripts/{script_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
script_id	path	Required	Number (Integer)	text/plain	Number id of the custom action script file.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 97: GET /analytics/custom_actions/scripts/{script_id} response codes

GET /analytics/custom_actions/scripts/{script_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested custom action script file has been retrieved.
404	1002	The requested custom action script file could not be found.
500	1020	An internal server error occurred while retrieving custom action script file meta-data with supplied script_id.

Response Description

Custom action script file meta-data with the following fields:

- **id** - Number - Unique ID of the custom action script file within the JSA deployment.
- **name** - String - Name of the custom action script file.

Response Sample

```
{
  "file_name": "String",
  "id": 42
}
```

POST /analytics/custom_actions/scripts/{script_id}

SUMMARY

Updates an existing custom action script file. Updated custom action script files require a deployment before using.

Updates an existing custom action script file. Updated custom action script files require a deployment before using. Users can include an *optional*/HTTP header **file_name** containing the custom action script file name. If not specified this is defaulted to the script id of the uploaded file.

Table 98: POST /analytics/custom_actions/scripts/{script_id} resource details

POST /analytics/custom_actions/scripts/{script_id} resource details

MIME Type
application/json

Table 99: POST /analytics/custom_actions/scripts/{script_id} request parameter details

POST /analytics/custom_actions/scripts/{script_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
script_id	path	Required	Number (Integer)	text/plain	Number id of the custom action script file to be updated.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 100: POST /analytics/custom_actions/scripts/{script_id} request body details

POST /analytics/custom_actions/scripts/{script_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
file	File	application/octet-stream	<i>Required.</i> The custom action script file. Must be supplied with MIME type <i>application/octet-stream</i> .	File

Table 101: POST /analytics/custom_actions/scripts/{script_id} response codes

POST /analytics/custom_actions/scripts/{script_id} response codes

HTTP Response Code	Unique Code	Description
200		The custom action script file has been updated.
404	1002	The requested custom action script file could not be found.
500	1020	An internal server error occurred while updating custom action script file with supplied script_id.

Response Description

Custom action script file meta-data with the following fields:

- **id** - Number - Unique ID of the custom action script file within the JSA deployment.
- **name** - String - Name of the custom action script file.

Response Sample

```
{
  "file_name": "String",
```

```
"id": 42
}
```

GET /analytics/rule_groups

SUMMARY

Retrieves a list of the rule groups.

Retrieves a list of the rule groups.

Table 102: GET /analytics/rule_groups resource details

GET /analytics/rule_groups resource details

MIME Type

application/json

Table 103: GET /analytics/rule_groups request parameter details

GET /analytics/rule_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 103: GET /analytics/rule_groups request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 104: GET /analytics/rule_groups response codes

GET /analytics/rule_groups response codes

HTTP Response Code	Unique Code	Description
200		The rule rroups were returned.
500	1020	An error occurred during the attempt to retrieve the rule groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.

- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
  }
]
```

DELETE /analytics/rule_groups/{group_id}

SUMMARY

Deletes a rule. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Deletes a rule. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Table 105: DELETE /analytics/rule_groups/{group_id} resource details

DELETE /analytics/rule_groups/{group_id} resource details

MIME Type
text/plain

Table 106: DELETE /analytics/rule_groups/{group_id} request parameter details

DELETE /analytics/rule_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 107: DELETE /analytics/rule_groups/{group_id} response codes

DELETE /analytics/rule_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
202		The rule delete command was accepted and is in progress.
404	1002	The rule does not exist.

Table 107: DELETE /analytics/rule_groups/{group_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1004	null
500	1020	An error occurred during the attempt to delete the rule.

Response Description

A Delete Task Status object and the location header set to the task status url "/api/analytics/rules/rule_delete_tasks/{task_id}". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

GET /analytics/rule_groups/{group_id}

SUMMARY

Retrieves a rule group.

Retrieves a rule group.

Table 108: GET /analytics/rule_groups/{group_id} resource details

GET /analytics/rule_groups/{group_id} resource details

MIME Type

application/json

Table 109: GET /analytics/rule_groups/{group_id} request parameter details

GET /analytics/rule_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 110: GET /analytics/rule_groups/{group_id} response codes

GET /analytics/rule_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The rule group was retrieved.
404	1002	The rule group does not exist.
500	1020	An error occurred during the attempt to retrieve the rule group.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
    42
  ],
}
```



```

"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

POST /analytics/rule_groups/{group_id}

SUMMARY

Updates the owner of a rule group.

Updates the owner of a rule group.

Table 111: POST /analytics/rule_groups/{group_id} resource details

POST /analytics/rule_groups/{group_id} resource details

MIME Type

application/json

Table 112: POST /analytics/rule_groups/{group_id} request parameter details

POST /analytics/rule_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 113: POST /analytics/rule_groups/{group_id} request body details

POST /analytics/rule_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_GR OUP, FLOW_SAVED_SEARCH_GR OUP, OFFENSE_SAVED_SEARCH_ GROUP, QRM_SAVED_SEARCH_GRO UP, MODEL_SAVED_SEARCH_GR OUP, QUESTION_SAVED_SEARCH_ _GROUP, SIMULATION_SAVED_SEARC H_GROUP, TOPOLOGY_SAVED_SEARCH_ _GROUP, ASSET_SAVED_SEARCH_GR OUP, VULNERABILITY_SAVED_SE ARCH_GROUP>" }

Table 114: POST /analytics/rule_groups/{group_id} response codes

POST /analytics/rule_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The rule group was updated.
404	1002	The rule group does not exist.

Table 114: POST /analytics/rule_groups/{group_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the rule group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the rule group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
```

```

    42
  ],
  "child_items": [
    "String"
  ],
  "description": "String",
  "id": 42,
  "level": 42,
  "modified_time": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42,
  "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

GET /analytics/rules

SUMMARY

Retrieves a list of rules.

Retrieves a list of rules

Table 115: GET /analytics/rules resource details

GET /analytics/rules resource details

MIME Type

application/json

Table 116: GET /analytics/rules request parameter details

GET /analytics/rules request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 117: GET /analytics/rules response codes

GET /analytics/rules response codes

HTTP Response Code	Unique Code	Description
200		The rules were retrieved.
422	1010	A request parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the rules.

Response Description

An array of rule objects. A rule object contains the following fields:

- **id** - Long - The sequence ID of the rule.
- **name** - String - The name of the rule.
- **type** - String - The type of rule: EVENT, FLOW, COMMON, USER.
- **enabled** - Boolean - True if the rule is enabled.
- **owner** - String - The owner of the rule.
- **origin** - String - The origin of the rule: SYSTEM, OVERRIDE, USER.
- **base_capacity** - Long - The base capacity of the rule in events per second.
- **base_host_id** - Long - The ID of the host from which the rule's base capacity was determined
- **average_capacity** - Long - The moving average capacity, in EPS, of the rule across all hosts.
- **capacity_timestamp** - Long - The epoch timestamp, in milliseconds, since the rule's capacity values were last updated.
- **identifier** - String - The unique ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules.
- **linked_rule_identifier** - String - The linked ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules, and varies depending on the rule's origin as follows:
 - **SYSTEM** - The identifier value of the override rule, if one exists. If the system rule has not been overridden, the value will be null.
 - **OVERRIDE** - The identifier value of the system rule being overridden.
 - **USER** - The value will be null.
- **creation_date** - Long - The number of milliseconds since epoch when the rule was created.
- **modification_date** - Long - The number of milliseconds since epoch when the rule was last modified.

Response Sample

[

```

{
  "average_capacity": 42,
  "base_capacity": 42,
  "base_host_id": 42,
  "capacity_timestamp": 42,
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "linked_rule_identifier": "String",
  "modification_date": 42,
  "name": "String",
  "origin": "String <one of: SYSTEM, OVERRIDE, USER>",
  "owner": "String",
  "type": "String <one of: EVENT, FLOW, COMMON, OFFENSE>"
}
]

```

DELETE /analytics/rules/{id}

SUMMARY

Delete the rule. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Deletes a rule. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Table 118: DELETE /analytics/rules/{id} resource details

DELETE /analytics/rules/{id} resource details

MIME Type

application/json

Table 119: DELETE /analytics/rules/{id} request parameter details

DELETE /analytics/rules/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 120: DELETE /analytics/rules/{id} response codes

DELETE /analytics/rules/{id} response codes

HTTP Response Code	Unique Code	Description
202		The rule delete command was accepted and is in progress.
403	1009	You do not have the required capabilities to delete the rule.
404	1002	The rule does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the rule.

Response Description

A Delete Task Status object and the location header set to the task status url `"/api/analytics/rules/rule_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /analytics/rules/{id}

SUMMARY

Retrieves a rule.

Retrieves a rule.

Table 121: GET /analytics/rules/{id} resource details

GET /analytics/rules/{id} resource details

MIME Type

application/json

Table 122: GET /analytics/rules/{id} request parameter details

GET /analytics/rules/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 123: GET /analytics/rules/{id} response codes

GET /analytics/rules/{id} response codes

HTTP Response Code	Unique Code	Description
200		The rule was retrieved.
404	1002	The rule does not exist.
500	1020	An error occurred during the attempt to retrieve the rule.

Response Description

The rule after it is retrieved. A rule object contains the following fields:

- **id** - Long - The sequence ID of the rule.
- **name** - String - The name of the rule.
- **type** - String - The type of rule: EVENT, FLOW, COMMON, USER.
- **enabled** - Boolean - True if the rule is enabled.
- **owner** - String - The owner of the rule.
- **origin** - String - The origin of the rule: SYSTEM, OVERRIDE, USER.
- **base_capacity** - Long - The base capacity of the rule in events per second.
- **base_host_id** - Long - The ID of the host from which the rule's base capacity was determined
- **average_capacity** - Long - The moving average capacity, in EPS, of the rule across all hosts.
- **capacity_timestamp** - Long - The epoch timestamp, in milliseconds, since the rule's capacity values were last updated.
- **identifier** - String - The unique ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules.
- **linked_rule_identifier** - String - The linked ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules, and varies depending on the rule's origin as follows:
 - **SYSTEM** - The identifier value of the override rule, if one exists. If the system rule has not been overridden, the value will be null.

- **OVERRIDE** - The identifier value of the system rule being overridden.
- **USER** - The value will be null.
- **creation_date** - Long - The number of milliseconds since epoch when the rule was created.
- **modification_date** - Long - The number of milliseconds since epoch when the rule was last modified.

Response Sample

```
{
  "average_capacity": 42,
  "base_capacity": 42,
  "base_host_id": 42,
  "capacity_timestamp": 42,
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "linked_rule_identifier": "String",
  "modification_date": 42,
  "name": "String",
  "origin": "String <one of: SYSTEM, OVERRIDE, USER>",
  "owner": "String",
  "type": "String <one of: EVENT, FLOW, COMMON, OFFENSE>"
}
```

POST /analytics/rules/{id}

SUMMARY

Updates the rule owner or enabled/disabled only.

Updates the rule owner or enabled/disabled only.

Table 124: POST /analytics/rules/{id} resource details

POST /analytics/rules/{id} resource details

MIME Type
application/json

Table 125: POST /analytics/rules/{id} request parameter details

POST /analytics/rules/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 126: POST /analytics/rules/{id} request body details

POST /analytics/rules/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
rule	Object	application/json	Required - Rule object.	{ "average_capacity": 42, "base_capacity": 42, "base_host_id": 42, "capacity_timestamp": 42, "creation_date": 42, "enabled": true, "id": 42, "identifier": "String", "linked_rule_identifier": "String", "modification_date": 42, "name": "String", "origin": "String <one of: SYSTEM, OVERRIDE, USER>", "owner": "String", "type": "String <one of: EVENT, FLOW, COMMON, OFFENSE>" }

Table 127: POST /analytics/rules/{id} response codes

POST /analytics/rules/{id} response codes

HTTP Response Code	Unique Code	Description
200		The rule was updated.
403	1009	You do not have the required capabilities to update the rule.
404	1002	The rule does not exist.
409	1004	The provided user does not have the required capabilities to own the rule.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the rule.

Response Description

The rule after it is updated. An Rule object contains the following fields:

- **id** - Long - The sequence ID of the rule.
- **name** - String - The name of the rule.
- **type** - String - The type of rule: EVENT, FLOW, COMMON, USER.
- **enabled** - Boolean - True if the rule is enabled.
- **owner** - String - The owner of the rule.
- **origin** - String - The origin of the rule: SYSTEM, OVERRIDE, USER.
- **base_capacity** - Long - The base capacity of the rule in events per second.
- **base_host_id** - Long - The ID of the host from which the rule's base capacity was determined
- **average_capacity** - Long - The moving average capacity, in EPS, of the rule across all hosts.
- **capacity_timestamp** - Long - The epoch timestamp, in milliseconds, since the rule's capacity values were last updated.
- **identifier** - String - The unique ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules.
- **linked_rule_identifier** - String - The linked ID of the rule. This value is typically in the form of a UUID, with the exception of legacy system rules, and varies depending on the rule's origin as follows:
 - **SYSTEM** - The identifier value of the override rule, if one exists. If the system rule has not been overridden, the value will be null.
 - **OVERRIDE** - The identifier value of the system rule being overridden.
 - **USER** - The value will be null.
- **creation_date** - Long - The number of milliseconds since epoch when the rule was created.
- **modification_date** - Long - The number of milliseconds since epoch when the rule was last modified.

Response Sample

```
{
```



```

"average_capacity": 42,
"base_capacity": 42,
"base_host_id": 42,
"capacity_timestamp": 42,
"creation_date": 42,
"enabled": true,
"id": 42,
"identifier": "String",
"linked_rule_identifier": "String",
"modification_date": 42,
"name": "String",
"origin": "String <one of: SYSTEM, OVERRIDE, USER>",
"owner": "String",
"type": "String <one of: EVENT, FLOW, COMMON, OFFENSE>"
}

```

GET /analytics/rules/{id}/dependents

SUMMARY

Retrieves the objects that depend on the rule.

Retrieves the objects that depend on the rule.

Table 128: GET /analytics/rules/{id}/dependents resource details

GET /analytics/rules/{id}/dependents resource details

MIME Type

application/json

Table 129: GET /analytics/rules/{id}/dependents request parameter details

GET /analytics/rules/{id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 130: GET /analytics/rules/{id}/dependents response codes

GET /analytics/rules/{id}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The rule dependents retrieval was accepted and is in progress.
403	1009	null
404	1002	The rule does not exist.
500	1020	An error occurred during the attempt to initiate the rule dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status url `"/api/analytics/rules/rule_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.

- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested the cancellation of the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. the value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of Task Component objects. A Task Component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
      FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
      FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
      FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
      FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
      FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}
```

```

    }
  ]
}

```

GET /analytics/rules/rule_delete_tasks/{task_id}

SUMMARY

Retrieves the delete the rule task status.

Retrieves the delete rule task status.

Table 131: GET /analytics/rules/rule_delete_tasks/{task_id} resource details

GET /analytics/rules/rule_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 132: GET /analytics/rules/rule_delete_tasks/{task_id} request parameter details

GET /analytics/rules/rule_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 132: GET /analytics/rules/rule_delete_tasks/{task_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 133: GET /analytics/rules/rule_delete_tasks/{task_id} response codes

GET /analytics/rules/rule_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.
404	1002	The delete task status does not exist.
500	1020	An error occurred during the attempt to retrieve the delete task status.

Response Description

A Delete Task Status object and the location header set to the task status url "/api/analytics/rules/rule_delete_tasks/{task_id}". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.

- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /analytics/rules/rule_dependent_tasks/{task_id}

SUMMARY

Retrieves the dependent rule task status.

Retrieves the dependent rule task status.

Table 134: GET /analytics/rules/rule_dependent_tasks/{task_id} resource details

GET /analytics/rules/rule_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 135: GET /analytics/rules/rule_dependent_tasks/{task_id} request parameter details

GET /analytics/rules/rule_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 136: GET /analytics/rules/rule_dependent_tasks/{task_id} response codes

GET /analytics/rules/rule_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.
404	1002	The delete task status does not exist.
500	1020	An error occurred during the attempt to retrieve the delete task status.

Response Description

A Dependent Task Status object and the location header set to the task status url `"/api/analytics/rules/rule_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested the cancellation of the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. the value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.

- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
      FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
      FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
```

```

FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

POST /analytics/rules/rule_dependent_tasks/{task_id}

SUMMARY

Cancels the dependent the rule task.

Cancels the dependent rule task.

Table 137: POST /analytics/rules/rule_dependent_tasks/{task_id} resource details

POST /analytics/rules/rule_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 138: POST /analytics/rules/rule_dependent_tasks/{task_id} request parameter details

POST /analytics/rules/rule_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 138: POST /analytics/rules/rule_dependent_tasks/{task_id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 139: POST /analytics/rules/rule_dependent_tasks/{task_id} request body details

POST /analytics/rules/rule_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 140: POST /analytics/rules/rule_dependent_tasks/{task_id} response codes

POST /analytics/rules/rule_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The dependent task status does not exist.

Table 140: POST /analytics/rules/rule_dependent_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status url "/api/analytics/rules/rule_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested cancellation of the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.

- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
```

```

    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

GET /analytics/rules/rule_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the rule dependent task results.

Retrieves the rule dependent task results.

Table 141: GET /analytics/rules/rule_dependent_tasks/{task_id}/results resource details

GET /analytics/rules/rule_dependent_tasks/{task_id}/results resource details

MIME Type

application/json

Table 142: GET /analytics/rules/rule_dependent_tasks/{task_id}/results request parameter details

GET /analytics/rules/rule_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 143: GET /analytics/rules/rule_dependent_tasks/{task_id}/results response codes

GET /analytics/rules/rule_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The rule dependents were retrieved.
404	1002	The dependent task status does not exist.
500	1020	An error occurred during the attempt to retrieve the rules.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource.
- **dependent_type** - String - The type of the dependent resource.
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - The true if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
    ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
    ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
    FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
    QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
    VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
    BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
    EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
    EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
```

```

EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /analytics/rules_offense_contributions

SUMMARY

Retrieves Rule Offense contributions Retrieves Rule and Offense references in the system.

Table 144: GET /analytics/rules_offense_contributions resource details

GET /analytics/rules_offense_contributions resource details

MIME Type

application/json

Table 145: GET /analytics/rules_offense_contributions request parameter details

GET /analytics/rules_offense_contributions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 146: GET /analytics/rules_offense_contributions response codes

GET /analytics/rules_offense_contributions response codes

HTTP Response Code	Unique Code	Description
200		The rule offense references were retrieved.
422	1010	null
422	1030	null

Table 146: GET /analytics/rules_offense_contributions response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	null

Response Description

An array of RuleOffenceReference objects. A RuleOffenceReference object contains the following fields:

- **id** - Long - The ID of the rule_offense_contribution. (Filterable. Sortable.)
- **rule_id** - Long - The ID of the rule. (Filterable. Sortable)
- **rule_name** - String - The name of the rule. (Filterable, Sortable)
- **rule_type** - String - The type of rule: EVENT, FLOW, COMMON, USER, ANOMALY, BEHAVIORAL, or THRESHOLD. (Filterable. Sortable.)
- **offense_id** - Long - The ID of the offense that was created by the rule. (Filterable. Sortable.)
- **event_count** - Long - The number of events that the rule triggered on to participate in the offense. (Filterable. Sortable.)
- **first_event** - Long - The number of milliseconds since epoch for the first event that contributed to the offense. (Filterable. Sortable.)
- **last_event** - Long - The number of milliseconds since epoch for the last event from the specified rule that contributed to the offense. (Filterable. Sortable.)

Response Sample

```
[
  {
    "event_count": 42,
    "first_event": 42,
    "id": 42,
    "last_event": 42,
```

```
    "offense_id": 42,  
    "rule_id": 42,  
    "rule_name": "String",  
    "rule_type": "String"  
  }  
]
```

4

CHAPTER

Ariel Endpoints

Ariel Endpoints | 141

Ariel Endpoints

SUMMARY

Use the references for REST API 16.0 ariel endpoints.

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GET /ariel/databases

SUMMARY

Retrieves a list of available Ariel database names

Retrieves a list of available Ariel databases.

Table 147: GET /ariel/databases resource details

GET /ariel/databases resource details

MIME Type

application/json

Table 148: GET /ariel/databases request parameter details

GET /ariel/databases request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 148: GET /ariel/databases request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 149: GET /ariel/databases response codes

GET /ariel/databases response codes

HTTP Response Code	Unique Code	Description
200		The database list was retrieved.

Response Description

The names of the available Ariel databases.

Response Sample

```
[
  "String"
]
```

GET /ariel/databases/{database_name}

SUMMARY

Retrieve the columns that are defined for a specific Ariel database.

Retrieve the columns that are defined for the specified Ariel database. This is the set of columns that can be explicitly named in the column list of a SELECT query.

Table 150: GET /ariel/databases/{database_name} resource details

GET /ariel/databases/{database_name} resource details

MIME Type

application/json

Table 151: GET /ariel/databases/{database_name} request parameter details

GET /ariel/databases/{database_name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
database_name	path	Required	String	text/plain	Required. The name of the Ariel database that contains the columns that you want to retrieve.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 151: GET /ariel/databases/{database_name} request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 152: GET /ariel/databases/{database_name} response codes

GET /ariel/databases/{database_name} response codes

HTTP Response Code	Unique Code	Description
200		The database columns were retrieved.
404	1002	The database does not exist.

Response Description

A list of columns that are defined for the specified database. Multiple properties of each column are returned. For example, the column name or an indication that the column is indexable.

Response Sample

```
{
  "columns": [
    {
      "argument_type": "String",
      "indexable": true,
      "name": "String",
      "nullable": true,
      "object_value_type": "String <one of: NULL, STRUCT, Byte, Short, Integer, Long,
UnsignedByte, UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host,
HostV4V6, HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary>",
      "provider_name": "String"
    }
  ]
}
```

GET /ariel/event_saved_search_groups

SUMMARY

Retrieves a list the event Ariel saved search groups.

Retrieves a list the event Ariel saved search groups.

Table 153: GET /ariel/event_saved_search_groups resource details

GET /ariel/event_saved_search_groups resource details

MIME Type

application/json

Table 154: GET /ariel/event_saved_search_groups request parameter details

GET /ariel/event_saved_search_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 155: GET /ariel/event_saved_search_groups response codes

GET /ariel/event_saved_search_groups response codes

HTTP Response Code	Unique Code	Description
200		The event Ariel saved search groups were returned.
500	1020	An error occurred during the attempt to retrieve the event Ariel saved search groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group ids.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
    EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
    QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
```

```

SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
    }
]

```

DELETE /ariel/event_saved_search_groups/{group_id}

SUMMARY

Deletes an event Ariel saved search group.

Deletes an event Ariel saved search group.

Table 156: DELETE /ariel/event_saved_search_groups/{group_id} resource details

DELETE /ariel/event_saved_search_groups/{group_id} resource details

MIME Type

text/plain

Table 157: DELETE /ariel/event_saved_search_groups/{group_id} request parameter details

DELETE /ariel/event_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 158: DELETE /ariel/event_saved_search_groups/{group_id} response codes

DELETE /ariel/event_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
204		The event Ariel saved search group was deleted.
404	1002	The event Ariel saved search group does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the event Ariel saved search group.

Response Description

Response Sample

GET /ariel/event_saved_search_groups/{group_id}

SUMMARY

Retrieves an event Ariel saved search group.

Retrieves an event Ariel saved search group.

Table 159: GET /ariel/event_saved_search_groups/{group_id} resource details

GET /ariel/event_saved_search_groups/{group_id} resource details

MIME Type
application/json

Table 160: GET /ariel/event_saved_search_groups/{group_id} request parameter details

GET /ariel/event_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 161: GET /ariel/event_saved_search_groups/{group_id} response codes

GET /ariel/event_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The event Ariel saved search group was retrieved.
404	1002	The vent Ariel saved search group does not exist.
500	1020	An error occurred during the attempt to retrieve the event Ariel saved search groups.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
    42
  ],
  "child_items": [
    "String"
  ],
  "description": "String",
  "id": 42,
  "level": 42,
  "modified_time": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42,
  "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
```

```
VULNERABILITY_SAVED_SEARCH_GROUP>"
}
```

POST /ariel/event_saved_search_groups/{group_id}

SUMMARY

Updates the owner of an event Ariel saved search group.

Updates the owner of an event Ariel saved search group.

Table 162: POST /ariel/event_saved_search_groups/{group_id} resource details

POST /ariel/event_saved_search_groups/{group_id} resource details

MIME Type

application/json

Table 163: POST /ariel/event_saved_search_groups/{group_id} request parameter details

POST /ariel/event_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 163: POST /ariel/event_saved_search_groups/{group_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 164: POST /ariel/event_saved_search_groups/{group_id} request body details

POST /ariel/event_saved_search_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_GRP, FLOW_SAVED_SEARCH_GRP, OFFENSE_SAVED_SEARCH_GRP, QRM_SAVED_SEARCH_GRP, MODEL_SAVED_SEARCH_GRP, QUESTION_SAVED_SEARCH_GRP, SIMULATION_SAVED_SEARCH_GRP, TOPOLOGY_SAVED_SEARCH_GRP, ASSET_SAVED_SEARCH_GRP, VULNERABILITY_SAVED_SEARCH_GRP>" }

Table 165: POST /ariel/event_saved_search_groups/{group_id} response codes

POST /ariel/event_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The event Ariel saved search group was updated.
404	1002	The event Ariel saved search group does not exist.

Table 165: POST /ariel/event_saved_search_groups/{group_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the Eevent Ariel saved search group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the event Ariel saved search group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The id of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group ids.

Response Sample

```
{
```

```

"child_groups": [
  42
],
"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

GET /ariel/flow_saved_search_groups

SUMMARY

Retrieves a list of flow Ariel saved search groups.

Retrieves a list of flow Ariel saved search groups.

Table 166: GET /ariel/flow_saved_search_groups resource details

GET /ariel/flow_saved_search_groups resource details

MIME Type

application/json

Table 167: GET /ariel/flow_saved_search_groups request parameter details

GET /ariel/flow_saved_search_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 168: GET /ariel/flow_saved_search_groups response codes

GET /ariel/flow_saved_search_groups response codes

HTTP Response Code	Unique Code	Description
200		The Retrieves a list of flow Ariel saved search groups were returned.
500	1020	An error occurred during the attempt to retrieve the flow Ariel saved search groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
```

```

SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
    }
]

```

DELETE /ariel/flow_saved_search_groups/{group_id}

SUMMARY

Deletes a flow Ariel saved search group.

Deletes a flow Ariel saved search group.

Table 169: DELETE /ariel/flow_saved_search_groups/{group_id} resource details

DELETE /ariel/flow_saved_search_groups/{group_id} resource details

MIME Type

text/plain

Table 170: DELETE /ariel/flow_saved_search_groups/{group_id} request parameter details

DELETE /ariel/flow_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 171: DELETE /ariel/flow_saved_search_groups/{group_id} response codes

DELETE /ariel/flow_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
204		The flow Ariel saved search group was deleted.
404	1002	The flow Ariel saved search group does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the flow Ariel saved search group.

Response Description

Response Sample

GET /ariel/flow_saved_search_groups/{group_id}

SUMMARY

Retrieves a flow Ariel saved search group.

Retrieves a flow Ariel saved search group.

Table 172: GET /ariel/flow_saved_search_groups/{group_id} resource details

GET /ariel/flow_saved_search_groups/{group_id} resource details

MIME Type
application/json

Table 173: GET /ariel/flow_saved_search_groups/{group_id} request parameter details

GET /ariel/flow_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 174: GET /ariel/flow_saved_search_groups/{group_id} response codes

GET /ariel/flow_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The flow Ariel saved search group was retrieved.
404	1002	The flow Ariel saved search group does not exist.
500	1020	An error occurred during the attempt to retrieve the flow Ariel saved search group.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
    42
  ],
  "child_items": [
    "String"
  ],
  "description": "String",
  "id": 42,
  "level": 42,
  "modified_time": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42,
  "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
```

```
VULNERABILITY_SAVED_SEARCH_GROUP>"
}
```

POST /ariel/flow_saved_search_groups/{group_id}

SUMMARY

Updates the owner of a flow Ariel saved search group.

Updates the owner of a flow Ariel saved search group.

Table 175: POST /ariel/flow_saved_search_groups/{group_id} resource details

POST /ariel/flow_saved_search_groups/{group_id} resource details

MIME Type

application/json

Table 176: POST /ariel/flow_saved_search_groups/{group_id} request parameter details

POST /ariel/flow_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 176: POST /ariel/flow_saved_search_groups/{group_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 177: POST /ariel/flow_saved_search_groups/{group_id} request body details

POST /ariel/flow_saved_search_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_G ROUP, FLOW_SAVED_SEARCH_G ROUP, OFFENSE_SAVED_SEARCH_ GROUP, QRM_SAVED_SEARCH_GRO UP, MODEL_SAVED_SEARCH_GR ROUP, QUESTION_SAVED_SEARCH _GROUP, SIMULATION_SAVED_SEAR CH_GROUP, TOPOLOGY_SAVED_SEARCH _GROUP, ASSET_SAVED_SEARCH_GR ROUP, VULNERABILITY_SAVED_SE ARCH_GROUP>" }

Table 178: POST /ariel/flow_saved_search_groups/{group_id} response codes

POST /ariel/flow_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The flow Ariel saved search group was updated.
404	1002	The flow Ariel saved search group does not exist.

Table 178: POST /ariel/flow_saved_search_groups/{group_id} response codes *(Continued)*

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the flow Ariel saved search group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the flow Ariel saved search group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
```

```

"child_groups": [
  42
],
"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

GET /ariel/flow_vlans

SUMMARY

Retrieves a list of available flow VLAN IDs in the Ariel database.

Retrieves a list of available flow VLAN IDs in the Ariel database.

Table 179: GET /ariel/flow_vlans resource details

GET /ariel/flow_vlans resource details

MIME Type

application/json

Table 180: GET /ariel/flow_vlans request parameter details

GET /ariel/flow_vlans request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 181: GET /ariel/flow_vlans response codes

GET /ariel/flow_vlans response codes

HTTP Response Code	Unique Code	Description
200		The flow VLAN ID list was retrieved.
500	1000	An error occurred while the flow VLAN ID list was being retrieved.

Response Description

An array of flow VLAN ID objects. A flow VLAN ID object contains the following fields:

- **id** - Long - The ID of the flow VLAN field.
- **enterprise_vlan_id** - Short - The enterprise VLAN ID.
- **customer_vlan_id** - Short - The customer VLAN ID.

Response Sample

```
[
  {
    "customer_vlan_id": 42,
    "enterprise_vlan_id": 42,
    "id": 42
  }
]
```

POST /ariel/flow_vlans

SUMMARY

Creates a new flow VLAN field as specified by input parameters.

Table 182: POST /ariel/flow_vlans resource details

POST /ariel/flow_vlans resource details

MIME Type

application/json

Table 183: POST /ariel/flow_vlans request parameter details

POST /ariel/flow_vlans request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 184: POST /ariel/flow_vlans request body details

POST /ariel/flow_vlans request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>Only the enterprise VLAN ID and customer VLAN ID can be set when creating a new flow VLAN field. All other fields are ignored.</p> <ul style="list-style-type: none"> • id - Int - The ID of the flow VLAN field. Cannot be updated by POST. • enterprise_vlan_id - Short - The enterprise VLAN ID for the flow VLAN domain configuration field. The value must be in the range 0 - 4095, where 0 indicates the enterprise VLAN field is non-existent. • customer_vlan_id - Short - The customer VLAN ID for the flow VLAN domain configuration field. The value must be in the range 1 - 4095. 	{ "customer_vlan_id": 42, "enterprise_vlan_id": 42, "id": 42 }

Table 185: POST /ariel/flow_vlans response codes

POST /ariel/flow_vlans response codes

HTTP Response Code	Unique Code	Description
201		The flow VLAN field has been successfully created.
409	1020	A flow VLAN ID object parameter already exists and belongs to a domain.
422	1022	The VLAN provided was invalid. Customer VLAN ID must be between 1 and 4095.

Table 185: POST /ariel/flow_vlans response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1023	The VLAN provided was invalid. Enterprise VLAN ID must be between 0 and 4095 and customer VLAN ID must be between 1 and 4095.
422	1024	The VLAN provided was invalid. Enterprise VLAN ID must be between 0 and 4095.
500	1025	An error occurred while the flow VLAN field was being created.

Response Description

New flow VLAN ID object. A flow VLAN ID object contains the following fields:

- **id** - Int - The ID of the flow VLAN field.
- **enterprise_vlan_id** - Short - The enterprise VLAN ID.
- **customer_vlan_id** - Short - The customer VLAN ID.

Response Sample

```
{
  "customer_vlan_id": 42,
  "enterprise_vlan_id": 42,
  "id": 42
}
```


DELETE /ariel/flow_vlans/{id}

SUMMARY

Deletes a flow VLAN ID with specified enterprise and customer VLAN ID's and removes any associated domain mappings.

Deletes a flow VLAN ID with specified enterprise and customer VLAN ID's and removes any associated domain mappings.

Table 186: DELETE /ariel/flow_vlans/{id} resource details

DELETE /ariel/flow_vlans/{id} resource details

MIME Type
text/plain

Table 187: DELETE /ariel/flow_vlans/{id} request parameter details

DELETE /ariel/flow_vlans/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the flow VLAN ID object to be deleted. Note that this is also the concatenation of the customer VLAN ID to the enterprise VLAN ID.

Table 188: DELETE /ariel/flow_vlans/{id} response codes

DELETE /ariel/flow_vlans/{id} response codes

HTTP Response Code	Unique Code	Description
204		The flow VLAN ID has been successfully deleted.
404	1031	The flow VLAN ID specified could not be found.
500	1030	An error occurred while the flow VLAN ID was being deleted.

Response Description

The deleted flow VLAN ID object. A flow VLAN ID object contains the following fields:

- **id** - Long - The ID of the flow VLAN field.
- **enterprise_vlan_id** - Short - The enterprise VLAN ID.
- **customer_vlan_id** - Short - The customer VLAN ID.

Response Sample

GET /ariel/flow_vlans/{id}

SUMMARY

Retrieves a flow VLAN ID object by VLAN ID.

Retrieves a flow VLAN ID object by VLAN ID.

Table 189: GET /ariel/flow_vlans/{id} resource details

GET /ariel/flow_vlans/{id} resource details

MIME Type
application/json

Table 190: GET /ariel/flow_vlans/{id} request parameter details

GET /ariel/flow_vlans/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the flow VLAN to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 191: GET /ariel/flow_vlans/{id} response codes

GET /ariel/flow_vlans/{id} response codes

HTTP Response Code	Unique Code	Description
200		The flow VLAN id object was retrieved.
404	1010	No flow VLAN was found for the provided flow VLAN ID.
500	1011	An error occurred while the flow VLAN field was being retrieved.

Response Description

The flow VLAN ID after it is retrieved. A flow VLAN ID object contains the following fields:

- **id** - Long - The ID of the flow VLAN field.
- **enterprise_vlan_id** - Short - The enterprise VLAN ID.
- **customer_vlan_id** - Short - The customer VLAN ID.

Response Sample

```
{
  "customer_vlan_id": 42,
  "enterprise_vlan_id": 42,
  "id": 42
}
```

GET /ariel/functions

SUMMARY

Retrieves AQL Functions for given .

Retrieves AQL Functions

Table 192: GET /ariel/functions resource details

GET /ariel/functions resource details

MIME Type

application/json

Table 193: GET /ariel/functions request parameter details

GET /ariel/functions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
database	query	Required	String	text/plain	Name of DB to retrieve functions for.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 194: GET /ariel/functions response codes

GET /ariel/functions response codes

HTTP Response Code	Unique Code	Description
200		Functions are retrieved

Response Description

List of AQL Functions.

Response Sample

```
[
  {
```

```

    "args_types": [
      "String"
    ],
    "catalog": "String",
    "class_name": "String",
    "info": "String",
    "name": "String",
    "required_args": 42,
    "required_capabilities": "String",
    "return_type": "String",
    "var_args": true
  }
]

```

GET /ariel/functions/{function_name}

SUMMARY

Retrieves AQL Function with given name for a given database.

Retrieves AQL Function

Table 195: GET /ariel/functions/{function_name} resource details

GET /ariel/functions/{function_name} resource details

MIME Type

application/json

Table 196: GET /ariel/functions/{function_name} request parameter details

GET /ariel/functions/{function_name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
database	query	Required	String	text/plain	Required - Name of DB to retrieve functions for.
function_name	path	Required	String	text/plain	Required - The name of function to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 197: GET /ariel/functions/{function_name} response codes

GET /ariel/functions/{function_name} response codes

HTTP Response Code	Unique Code	Description
200		Function is retrieved

Response Description

List of AQL Functions.

Response Sample

```
{
  "args_types": [
```

```

    "String"
  ],
  "catalog": "String",
  "class_name": "String",
  "info": "String",
  "name": "String",
  "required_args": 42,
  "required_capabilities": "String",
  "return_type": "String",
  "var_args": true
}

```

GET /ariel/lookups

SUMMARY

Retrieves a list of all tagged field lookups.

Retrieves a list of all tagged field lookups

Table 198: GET /ariel/lookups resource details

GET /ariel/lookups resource details

MIME Type

application/json

Table 199: GET /ariel/lookups request parameter details

GET /ariel/lookups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 200: GET /ariel/lookups response codes

GET /ariel/lookups response codes

HTTP Response Code	Unique Code	Description
200		The lookup list was retrieved.
500	1020	Internal server error

Response Description

The list of available tagged field lookups.

Response Sample

```
[
  {
    "default_value": "String",
    "map": {
      "String": "String"
    }
  },
]
```

```

    "name": "String",
    "type": "String <one of: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte,
UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6,
HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary>"
  }
]

```

POST /ariel/lookups

SUMMARY

Creates a new tagged field lookup.

Creates a new tagged field lookup

Table 201: POST /ariel/lookups resource details

POST /ariel/lookups resource details

MIME Type

application/json

Table 202: POST /ariel/lookups request parameter details

POST /ariel/lookups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 203: POST /ariel/lookups request body details

POST /ariel/lookups request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	Json structure representing all fields for new lookup entry	{ "default_value": "String", "map": { "String": "String" }, "name": "String", "type": "String <one of: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte, UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6, HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary>" }

Table 204: POST /ariel/lookups response codes

POST /ariel/lookups response codes

HTTP Response Code	Unique Code	Description
201		The lookup was created.
500	1020	Internal server error

Response Description

The newly created field lookup.

Response Sample

```
{
  "default_value": "String",
  "map": {
    "String": "String"
  },
  "name": "String",
  "type": "String <one of: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte,
UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6,
HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary>"
}
```

DELETE /ariel/lookups/{name}

SUMMARY

Deletes a tagged field lookup with particular name.

Deletes a tagged field lookup with particular name

Table 205: DELETE /ariel/lookups/{name} resource details

DELETE /ariel/lookups/{name} resource details

MIME Type

application/json

Table 206: DELETE /ariel/lookups/{name} request parameter details

DELETE /ariel/lookups/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	The name of this lookup entry
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 207: DELETE /ariel/lookups/{name} response codes

DELETE /ariel/lookups/{name} response codes

HTTP Response Code	Unique Code	Description
202		The lookup was deleted.
404	1002	Lookup doesn't exist
500	1020	Internal server error

Response Description

The deleted field lookup.

Response Sample

```
{
  "default_value": "String",
  "map": {
    "String": "String"
  },
  "name": "String",
  "type": "String <one of: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte,
UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6,
HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary>"
}
```

GET /ariel/lookups/{name}

SUMMARY

Retrieves a tagged field lookup by name.

Retrieves a tagged field lookup by name

Table 208: GET /ariel/lookups/{name} resource details

GET /ariel/lookups/{name} resource details

MIME Type

application/json

Table 209: GET /ariel/lookups/{name} request parameter details

GET /ariel/lookups/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	The name of lookup entry to be retrieved.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 210: GET /ariel/lookups/{name} response codes

GET /ariel/lookups/{name} response codes

HTTP Response Code	Unique Code	Description
200		The lookup was retrieved.
404	1002	Lookup with this name does not exist
500	1020	Internal server error

Response Description

The lookup associated with particular name.

Response Sample

```
{
  "default_value": "String",
  "map": {
    "String": "String"
  },
  "name": "String",
  "type": "String <one of: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte,
UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6,
HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary>"
}
```

POST /ariel/lookups/{name}

SUMMARY

Updates a tagged field lookup with particular name.

Updates a tagged field lookup with particular name

Table 211: POST /ariel/lookups/{name} resource details

POST /ariel/lookups/{name} resource details

MIME Type

application/json

Table 212: POST /ariel/lookups/{name} request parameter details

POST /ariel/lookups/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	The name of this lookup entry
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 213: POST /ariel/lookups/{name} request body details

POST /ariel/lookups/{name} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	Json structure representing all changeable fields for this lookup entry	<pre>{ "default_value": "String", "map": { "String": "String" } }</pre>

Table 214: POST /ariel/lookups/{name} response codes

POST /ariel/lookups/{name} response codes

HTTP Response Code	Unique Code	Description
200		The lookup was created.
404	1002	Lookup doesn't exist
500	1020	Internal server error

Response Description

The updated field lookup.

Response Sample

```
{
  "default_value": "String",
  "map": {
    "String": "String"
  },
  "name": "String",
  "type": "String <one of: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte,
UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6,
HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary>"
}
```

GET /ariel/parser_keywords

SUMMARY

Retrieves keywords applicable to AQL Parser.

Retrieves AQL Parser set of keywords

Table 215: GET /ariel/parser_keywords resource details

GET /ariel/parser_keywords resource details

MIME Type

application/json

Table 216: GET /ariel/parser_keywords request parameter details

GET /ariel/parser_keywords request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 217: GET /ariel/parser_keywords response codes

GET /ariel/parser_keywords response codes

HTTP Response Code	Unique Code	Description
200		AQL Parser information retrieved

Response Description

Information about the AQL Parser.

Response Sample

```
{
  "keywords": [
    "String"
  ],
  "where_clause_keywords": [
    "String"
  ]
}
```

POST /ariel/processors/aql_metadata

SUMMARY

Parses the AQL query expression and returns metadata for this query

Parses the Ariel Query Language (AQL) query expression and returns expected metadata without execution of the query

This endpoint only accepts SELECT query expressions.

Table 218: POST /ariel/processors/aql_metadata resource details

POST /ariel/processors/aql_metadata resource details

MIME Type

application/json

Table 219: POST /ariel/processors/aql_metadata request parameter details

POST /ariel/processors/aql_metadata request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
query_expression	query	Required	String	text/plain	Required - The AQL query for metadata.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 220: POST /ariel/processors/aql_metadata response codes

POST /ariel/processors/aql_metadata response codes

HTTP Response Code	Unique Code	Description
200		An AQL query expression was successfully validated.
422	2000	The query_expression contains invalid AQL syntax.
500	1020	An error occurred during the attempt to validate AQL.
503	1010	The Ariel server might be temporarily unavailable or offline. Please try again later.

Response Description

A list of columns that are defined for the specified AQL query. Multiple properties of each column are returned. For example, the column name or an indication that the column is indexable.

Response Sample

```
{
  "columns": [
    {
      "argument_type": "String",
      "indexable": true,
      "name": "String",
      "nullable": true,
      "object_value_type": "String <one of: NULL, STRUCT, Byte, Short, Integer, Long,
UnsignedByte, UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host,
HostV4V6, HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary>",
      "provider_name": "String"
    }
  ]
}
```

GET /ariel/saved_search_delete_tasks/{task_id}

SUMMARY

Retrieves the delete the Ariel saved search task status.

Retrieves the delete Ariel saved search task status.

Table 221: GET /ariel/saved_search_delete_tasks/{task_id} resource details

GET /ariel/saved_search_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 222: GET /ariel/saved_search_delete_tasks/{task_id} request parameter details

GET /ariel/saved_search_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 223: GET /ariel/saved_search_delete_tasks/{task_id} response codes

GET /ariel/saved_search_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.
404	1002	The delete task status was exist.
500	1020	An error occurred during the attempt to retrieve the delete task status.

Response Description

A Delete Task Status object and the location header set to the task status url "/api/ariel/saved_search_delete_tasks/{task_id}". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.

- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /ariel/saved_search_dependent_tasks/{task_id}

SUMMARY

Retrieves the dependent the Ariel saved search task status.

Retrieves the dependent Ariel saved search task status.

Table 224: GET /ariel/saved_search_dependent_tasks/{task_id} resource details

GET /ariel/saved_search_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 225: GET /ariel/saved_search_dependent_tasks/{task_id} request parameter details

GET /ariel/saved_search_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 226: GET /ariel/saved_search_dependent_tasks/{task_id} response codes

GET /ariel/saved_search_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The dependent task status does not exist.

Table 226: GET /ariel/saved_search_dependent_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status url "/api/ariel/saved_search_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested cancellation of the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.

- **status** - String - The current state of the sub-task.
- **sub_task_type** - String - The type of the sub-task.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **created** - Long - The time in milliseconds since epoch since the sub-task was created.
- **started** - Long - The time in milliseconds since epoch since the sub-task was started.
- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
```

```

    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /ariel/saved_search_dependent_tasks/{task_id}

SUMMARY

Cancels the dependent Ariel saved search task.

Cancels the dependent Ariel saved search task.

Table 227: POST /ariel/saved_search_dependent_tasks/{task_id} resource details

POST /ariel/saved_search_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 228: POST /ariel/saved_search_dependent_tasks/{task_id} request parameter details

POST /ariel/saved_search_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 229: POST /ariel/saved_search_dependent_tasks/{task_id} request body details

POST /ariel/saved_search_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 230: POST /ariel/saved_search_dependent_tasks/{task_id} response codes

POST /ariel/saved_search_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.

Table 230: POST /ariel/saved_search_dependent_tasks/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status url `"/api/ariel/saved_search_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state that the task is in.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested cancellation of the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. the value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.

- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
```

```

    "created": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

GET /ariel/saved_search_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the Ariel saved search dependent task results.

Retrieves the Ariel saved search dependent task results.

Table 231: GET /ariel/saved_search_dependent_tasks/{task_id}/results resource details

GET /ariel/saved_search_dependent_tasks/{task_id}/results resource details

MIME Type

application/json

Table 232: GET /ariel/saved_search_dependent_tasks/{task_id}/results request parameter details

GET /ariel/saved_search_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 233: GET /ariel/saved_search_dependent_tasks/{task_id}/results response codes

GET /ariel/saved_search_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The Ariel saved search dependents were retrieved.
404	1002	The Dependent Task Status does not exist.
500	1020	An error occurred during the attempt to retrieve the Ariel saved searches.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource. (Default resources can have localized names)
- **dependent_owner** - String - The owner of the dependent resource.
- **dependent_type** - String - The type of the dependent resource.
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - The true if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
```

```

EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /ariel/saved_searches

SUMMARY

Retrieves a list of Ariel saved searches.

Retrieves a list of Ariel saved searches.

Table 234: GET /ariel/saved_searches resource details

GET /ariel/saved_searches resource details

MIME Type

application/json

Table 235: GET /ariel/saved_searches request parameter details

GET /ariel/saved_searches request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 236: GET /ariel/saved_searches response codes

GET /ariel/saved_searches response codes

HTTP Response Code	Unique Code	Description
200		The Ariel saved searches were retrieved.
422	1010	A request parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the Ariel Saved Searches.

Response Description

An array of Ariel Saved Search objects. An Ariel Saved Search object contains the following fields:

- **id** - Long - The ID of the Ariel saved search.
- **uid** - String - The uuid of the Ariel saved search.
- **name** - String - The name of the Ariel saved search.
- **database** - String - The database of the Ariel saved search, events or flows.
- **isShared** - Boolean - True if the Ariel saved search is shared with other users.
- **owner** - String - The owner of the Ariel saved search.
- **aql** - String - The AQL query.
- **description** - String - The description of the Ariel saved search.
- **is_aggregate** - Boolean - True if the Ariel saved search is an aggregate search.
- **is_dashboard** - Boolean - True if the Ariel saved search is in the dashboard.
- **is_default** - Boolean - True if the Ariel saved search is default search.
- **creation_date** - Long - The time that this saved search was created, in milliseconds since the epoch.
- **modification_date** - Long - The time that this saved search was most recently modified, in milliseconds since the epoch.

Response Sample

```
[
  {
    "aql": "String",
    "creation_date": 42,
    "database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "description": "String",
    "id": 42,
    "is_aggregate": true,
    "is_dashboard": true,
    "is_default": true,
```

```

    "is_quick_search": true,
    "is_shared": true,
    "modified_date": 42,
    "name": "String",
    "owner": "String",
    "uid": "String"
  }
]

```

DELETE /ariel/saved_searches/{id}

SUMMARY

Deletes an Ariel saved search. To ensure safe deletion, a dependency check is carried out. The check might take some time. An asynchronous task is started to do this check.

Deletes an Ariel saved search. To ensure safe deletion, a dependency check is carried out. The check might take some time. An asynchronous task is started to do this check.

Table 237: DELETE /ariel/saved_searches/{id} resource details

DELETE /ariel/saved_searches/{id} resource details

MIME Type

application/json

Table 238: DELETE /ariel/saved_searches/{id} request parameter details

DELETE /ariel/saved_searches/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 238: DELETE /ariel/saved_searches/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 239: DELETE /ariel/saved_searches/{id} response codes

DELETE /ariel/saved_searches/{id} response codes

HTTP Response Code	Unique Code	Description
202		The Ariel saved search delete command was accepted and is in progress.
403	1009	You do not have the required capabilities to delete the Ariel saved search.
404	1002	The Ariel saved search does not exist.
500	1020	An error occurred during the attempt to delete the Ariel Saved Search.

Response Description

A Delete Task Status object and the location header set to the task status url "/api/ariel/saved_search_delete_tasks/{task_id}". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.

- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /ariel/saved_searches/{id}

SUMMARY

Retrieves an Ariel saved search.

Retrieves an Ariel saved search.

Table 240: GET /ariel/saved_searches/{id} resource details

GET /ariel/saved_searches/{id} resource details

MIME Type
application/json

Table 241: GET /ariel/saved_searches/{id} request parameter details

GET /ariel/saved_searches/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the Ariel Saved Search to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 242: GET /ariel/saved_searches/{id} response codes

GET /ariel/saved_searches/{id} response codes

HTTP Response Code	Unique Code	Description
200		The Ariel saved search was retrieved.
404	1002	The Ariel saved search does not exist.

Table 242: GET /ariel/saved_searches/{id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the Ariel Saved Search.

Response Description

The Ariel saved search after it is retrieved. An Ariel Saved Search object contains the following fields:

- **id** - Long - The ID of the Ariel saved search.
- **uuid** - String - The uuid of the Ariel saved search.
- **name** - String - The name of the Ariel saved search.
- **database** - String - The database of the Ariel saved search, events or flows.
- **isShared** - Boolean - True if the Ariel saved search is shared with other users.
- **owner** - String - The owner of the Ariel saved search.
- **aql** - String - The AQL query.
- **description** - String - The description of the Ariel saved search.
- **isAggregate** - Boolean - True if the Ariel saved search is an aggregate search.
- **isDashboard** - Boolean - True if the Ariel saved search is in the dashboard.
- **isDefault** - Boolean - True if the Ariel saved search is default search.
- **isQuickSearch** - Boolean - True if the Ariel saved search is default search.

Response Sample

```
{
  "aql": "String",
```

```

"creation_date": 42,
"database": "String <one of: EVENTS, FLOWS, ASSETS>",
"description": "String",
"id": 42,
"is_aggregate": true,
"is_dashboard": true,
"is_default": true,
"is_quick_search": true,
"is_shared": true,
"modified_date": 42,
"name": "String",
"owner": "String",
"uid": "String"
}

```

POST /ariel/saved_searches/{id}

SUMMARY

Updates the Ariel saved search.

Updates the Ariel saved search.

Table 243: POST /ariel/saved_searches/{id} resource details

POST /ariel/saved_searches/{id} resource details

MIME Type

application/json

Table 244: POST /ariel/saved_searches/{id} request parameter details

POST /ariel/saved_searches/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the Ariel saved search to edit.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 245: POST /ariel/saved_searches/{id} request body details

POST /ariel/saved_searches/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
saved_search	Object	application/json	Required - Ariel Saved Search object.	{ "is_shared": true, "owner": "String", "is_quick_search": true, "is_default": true, "is_dashboard": true, }

Table 246: POST /ariel/saved_searches/{id} response codes

POST /ariel/saved_searches/{id} response codes

HTTP Response Code	Unique Code	Description
200		The Ariel saved search was updated.
403	1009	You do not have the required capabilities to update the Ariel Saved Search.
403	1012	You are not allowed to update the owner field

Table 246: POST /ariel/saved_searches/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1002	The Ariel saved search does not exist.
409	1007	The provided user does not have the required capabilities to own the Ariel saved search.
422	2000	null
422	1006	Non group by searches cannot be added to the dashboard.
422	1011	The provided new owner is not an existing user
500	1020	An error occurred during the attempt to update the Ariel Saved Search.

Response Description

The Ariel saved search after it has been updated. An Ariel Saved Search object contains the following fields:

- **id** - Long - The Id of the saved search.
- **uuid** - String - The uid string of the saved search. There are two formats of uid strings: one is rfc4122 pseudo randomly generated UUID format; the other is a string-digit format, e.g. SEARCH-250.
- **name** - String - The name of the Ariel saved search.
- **database** - String - The database of the Ariel saved search, events or flows.
- **isShared** - Boolean - True if the saved search is shared with everyone.
- **owner** - String - Owner of the saved search. Only the admin user can change the owner from one to another. Even the owner itself cannot reassign it to another user.

- **aql** - String - The AQL string or a null value. If it is an AQL string, the saved search is an AQL based search. If it is a null value, the saved search is a basic search that is based on query parameters instead of an AQL.
- **description** - String - The description of the Ariel saved search.
- **isAggregate** - Boolean - True if the saved search is aggregated, so it could be in dashboard.
- **isDashboard** - Boolean - True if the Ariel saved search is in the dashboard.
- **isDefault** - Boolean - True if this saved search is the default saved search to the user who calls this endpoint. A user can have only one default saved search.
- **isQuickSearch** - Boolean - True if the saved search should be in quick search.

Response Sample

```
{
  "aql": "String",
  "creation_date": 42,
  "database": "String <one of: EVENTS, FLOWS, ASSETS>",
  "description": "String",
  "id": 42,
  "is_aggregate": true,
  "is_dashboard": true,
  "is_default": true,
  "is_quick_search": true,
  "is_shared": true,
  "modified_date": 42,
  "name": "String",
  "owner": "String",
  "uid": "String"
}
```

GET /ariel/saved_searches/{id}/dependents

SUMMARY

Retrieves the objects that depend on the Ariel saved search.

Retrieves the objects that depend on the Ariel saved search.

Table 247: GET /ariel/saved_searches/{id}/dependents resource details

GET /ariel/saved_searches/{id}/dependents resource details

MIME Type

application/json

Table 248: GET /ariel/saved_searches/{id}/dependents request parameter details

GET /ariel/saved_searches/{id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 249: GET /ariel/saved_searches/{id}/dependents response codes

GET /ariel/saved_searches/{id}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The Ariel saved search dependents retrieval was accepted and is in progress
404	1002	The Ariel saved search does not exist
500	1020	An error occurred during the attempt to initiate the Ariel Saved Search dependents retrieval task

Response Description

A Dependents Task Status object and the location header set to the task status url `"/api/ariel/saved_search_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.

- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
```

```

    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

GET /ariel/searches

SUMMARY

Retrieves the list of Ariel searches. Search IDs for completed and active searches are returned.

Retrieves the list of Ariel searches. This includes search_ids for completed and active searches.

Table 250: GET /ariel/searches resource details

GET /ariel/searches resource details

MIME Type

application/json

Table 251: GET /ariel/searches request parameter details

GET /ariel/searches request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
db_name	query	Optional	String	text/plain	Optional - The name of the Ariel database to retrieve the list of Ariel searches.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 252: GET /ariel/searches response codes

GET /ariel/searches response codes

HTTP Response Code	Unique Code	Description
200		The search list was retrieved.
500	1020	An error occurred during the attempt to retrieve the list of searches.
503	1010	The ariel server might be temporarily unavailable or offline. Please try again later.

Response Description

A list of search IDs.

Response Sample

```
[  
  "String"  
]
```

POST /ariel/searches

SUMMARY

Create a new asynchronous Ariel search.

Creates a new Ariel search as specified by the Ariel Query Language (AQL) query expression. Searches are executed asynchronously. A reference to the search ID is returned and should be used in subsequent API calls to determine the status of the search and retrieve the results once it is complete.

This endpoint only accepts SELECT query expressions.

Queries are applied to the range of data in a certain time interval. By default this time interval is the last 60 seconds. An alternative time interval can be specified by specifying them as part of the query expression. For further information, see the AQL reference guide.

Table 253: POST /ariel/searches resource details

POST /ariel/searches resource details

MIME Type

application/json

Table 254: POST /ariel/searches request parameter details

POST /ariel/searches request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
query_expression	query	Optional	String	text/plain	Optional - The AQL query to execute. Mutually exclusive with saved_search_id
saved_search_id	query	Optional	Number (Integer)	text/plain	Optional - Saved search ID to execute. Mutually exclusive with queryExpression

Table 255: POST /ariel/searches response codes

POST /ariel/searches response codes

HTTP Response Code	Unique Code	Description
201		A new Ariel search was successfully created.
404	1002	The Ariel saved search does not exist.
409	1004	The search cannot be created. The requested search ID that was provided in the query expression is already in use. Please use a unique search ID (or allow one to be generated).
422	2000	The query_expression contains invalid AQL syntax.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to create a new search.

Table 255: POST /ariel/searches response codes (Continued)

HTTP Response Code	Unique Code	Description
503	1010	The Ariel server might be temporarily unavailable or offline. Please try again later.

Response Description

Information about the specified search, including the search ID. Use the search ID to access or manipulate the search with the other API endpoints.

If the exact search being created was already recently created, the response message will return a reference to the original search ID rather than creating a new search.

Response Sample

```
{
  "cursor_id": "s16",
  "compressed_data_file_count": 0,
  "compressed_data_total_size": 0,
  "data_file_count": 5470,
  "data_total_size": 67183115,
  "index_file_count": 0,
  "index_total_size": 0,
  "processed_record_count": 1256462,
  "error_messages": [
    {
      "code": "String",
      "contexts": [
        "String"
      ],
      "message": "String",
      "severity": "String <one of: INFO, WARN, ERROR>"
    }
  ]
}
```

```

],
"desired_retention_time_msec": 86400000,
"progress": 46,
"progress_details": [
  0,
  0,
  0,
  0,
  66957,
  652657,
  76594,
  89809,
  86032,
  107729
],
"query_execution_time": 1480,
"query_string": "SELECT sourceip, starttime, qid, sourceport from events into s16 where
sourceip in (select destinationip from events) parameters snapshotsize=2,
PROGRESSDETAILSRESOLUTION=10",
"record_count": 1240923,
"save_results": false,
"status": "String <one of: WAIT, EXECUTE, SORTING, COMPLETED, CANCELED, ERROR>",
"snapshot": {
  "events": [
    {
      "sourceip": "10.100.65.20",
      "starttime": 1467049610018,
      "qid": 10034,
      "sourceport": 13675
    },
    {
      "sourceip": "10.100.100.121",
      "starttime": 1467049610019,
      "qid": 20034,
      "sourceport": 80
    }
  ]
},
"subsearch_ids": [
  "sub_id_1"
],

```

```
"search_id": "s16"
}
```

DELETE /ariel/searches/{search_id}

SUMMARY

Deletes an Ariel search.

Deletes an Ariel search. This discards any results that were collected and stops the search if it is in progress. This search is deleted regardless of whether the results were saved.

Table 256: DELETE /ariel/searches/{search_id} resource details

DELETE /ariel/searches/{search_id} resource details

MIME Type

application/json

Table 257: DELETE /ariel/searches/{search_id} request parameter details

DELETE /ariel/searches/{search_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
search_id	path	Required	String	text/plain	Required - The search ID of the search to delete.

Table 258: DELETE /ariel/searches/{search_id} response codes

DELETE /ariel/searches/{search_id} response codes

HTTP Response Code	Unique Code	Description
202		The delete request has been accepted.
404	1002	The search does not exist.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to delete the search.
503	1010	The ariel server might be temporarily unavailable or offline. Please try again later.

Response Description

Information about the deleted search.

Response Sample

```
{
  "cursor_id": "s16",
  "compressed_data_file_count": 0,
  "compressed_data_total_size": 0,
  "data_file_count": 5470,
  "data_total_size": 67183115,
  "index_file_count": 0,
  "index_total_size": 0,
  "processed_record_count": 1256462,
  "error_messages": [
    {
      "code": "String",
      "contexts": [
```

```

    "String"
  ],
  "message": "String",
  "severity": "String <one of: INFO, WARN, ERROR>"
}
],
"desired_retention_time_msec": 86400000,
"progress": 46,
"progress_details": [
  0,
  0,
  0,
  0,
  66957,
  652657,
  76594,
  89809,
  86032,
  107729
],
"query_execution_time": 1480,
"query_string": "SELECT sourceip, starttime, qid, sourceport from events into s16 where
sourceip in (select destinationip from events) parameters snapshotsize=2,
PROGRESSDETAILSRESOLUTION=10",
"record_count": 1240923,
"save_results": false,
"status": "String <one of: WAIT, EXECUTE, SORTING, COMPLETED, CANCELED, ERROR>",
"snapshot": {
  "events": [
    {
      "sourceip": "10.100.65.20",
      "starttime": 1467049610018,
      "qid": 10034,
      "sourceport": 13675
    },
    {
      "sourceip": "10.100.100.121",
      "starttime": 1467049610019,
      "qid": 20034,
      "sourceport": 80
    }
  ]
}
],
},

```

```

"subsearch_ids": [
  "sub_id_1"
],
"search_id": "s16"
}

```

GET /ariel/searches/{search_id}

SUMMARY

Retrieves information about an Ariel search.

Retrieve status information for a search, based on the search ID parameter. The same informational fields are returned regardless of whether the search is in progress or is complete.

Table 259: GET /ariel/searches/{search_id} resource details

GET /ariel/searches/{search_id} resource details

MIME Type

application/json

Table 260: GET /ariel/searches/{search_id} request parameter details

GET /ariel/searches/{search_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
search_id	path	Required	String	text/plain	Required. The identifier for an Ariel search.

Table 260: GET /ariel/searches/{search_id} request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Prefer	header	Optional	String	text/plain	Optional. Specify 'wait=N' where N is number of seconds to wait for COMPLETED status of the search.

Table 261: GET /ariel/searches/{search_id} response codes

GET /ariel/searches/{search_id} response codes

HTTP Response Code	Unique Code	Description
200		The search information was retrieved.
206		The search information was retrieved with 'Prefer: wait=N' timeout(sec) expired before the search is completed
404	1002	The search does not exist.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the search information.
503	1010	The Ariel server might be temporarily unavailable or offline. Please try again later.

Response Description

Information about the specified search, including the search status.

Response Sample

```
{
  "cursor_id": "s16",
  "compressed_data_file_count": 0,
  "compressed_data_total_size": 0,
  "data_file_count": 5470,
  "data_total_size": 67183115,
  "index_file_count": 0,
  "index_total_size": 0,
  "processed_record_count": 1256462,
  "error_messages": [
    {
      "code": "String",
      "contexts": [
        "String"
      ],
      "message": "String",
      "severity": "String <one of: INFO, WARN, ERROR>"
    }
  ],
  "desired_retention_time_msec": 86400000,
  "progress": 46,
  "progress_details": [
    0,
    0,
    0,
    0,
    66957,
    652657,
    76594,
    89809,
    86032,
    107729
  ],
  "query_execution_time": 1480,
  "query_string": "SELECT sourcecip, starttime, qid, sourceport from events into s16 where
sourcecip in (select destinationip from events) parameters snapshotsize=2,
PROGRESSDETAILSRESOLUTION=10",
  "record_count": 1240923,
}
```

```

"save_results": false,
"status": "String <one of: WAIT, EXECUTE, SORTING, COMPLETED, CANCELED, ERROR>",
"snapshot": {
  "events": [
    {
      "sourceip": "10.100.65.20",
      "starttime": 1467049610018,
      "qid": 10034,
      "sourceport": 13675
    },
    {
      "sourceip": "10.100.100.121",
      "starttime": 1467049610019,
      "qid": 20034,
      "sourceport": 80
    }
  ]
},
"subsearch_ids": [
  "sub_id_1"
],
"search_id": "s16"
}

```

POST /ariel/searches/{search_id}

SUMMARY

Updates an Ariel search.

Updates details for an Ariel search. You can update searches in the following ways:

- To cancel an active search, set the **status** parameter to CANCELED. This stops the search and keeps any search results that were collected before the search was canceled.

- The results for a completed search can be saved by setting the **save_results** parameter to true. This ensures that the search is not automatically removed when it expires in accordance with the retention policy.

The Ariel server uses an internal retention policy to manage available disk space. Searches might be deleted automatically, according to the settings of the retention policy. Searches with saved results are not automatically reclaimed by the server and are therefore retained. A search can be explicitly deleted by using the DELETE /searches/{search_id} endpoint.

Note: Saving too many search results might result in insufficient disk space to process new searches.

Table 262: POST /ariel/searches/{search_id} resource details

POST /ariel/searches/{search_id} resource details

MIME Type
application/json

Table 263: POST /ariel/searches/{search_id} request parameter details

POST /ariel/searches/{search_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
search_id	path	Required	String	text/plain	Required. The ID of the search to update.
status	query	Optional	String	text/plain	Optional. The only accepted value is CANCELED. If this value is provided, the search is canceled.
save_results	query	Optional	String	text/plain	Optional. The only accepted value is true. If this value is provided, the search results are not deleted by the search expiration removal process. If status parameter was provided, this parameter is not checked and silently ignored.

Table 264: POST /ariel/searches/{search_id} response codes

POST /ariel/searches/{search_id} response codes

HTTP Response Code	Unique Code	Description
200		The search was updated.
404	1002	The search does not exist.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the search.
503	1010	The Ariel server might be temporarily unavailable or offline. Please try again later.

Response Description

Information about the specified search that was updated.

Response Sample

```
{
  "cursor_id": "s16",
  "compressed_data_file_count": 0,
  "compressed_data_total_size": 0,
  "data_file_count": 5470,
  "data_total_size": 67183115,
  "index_file_count": 0,
  "index_total_size": 0,
  "processed_record_count": 1256462,
  "error_messages": [
    {
```



```

    "code": "String",
    "contexts": [
      "String"
    ],
    "message": "String",
    "severity": "String <one of: INFO, WARN, ERROR>"
  }
],
"desired_retention_time_msec": 86400000,
"progress": 46,
"progress_details": [
  0,
  0,
  0,
  0,
  66957,
  652657,
  76594,
  89809,
  86032,
  107729
],
"query_execution_time": 1480,
"query_string": "SELECT sourceip, starttime, qid, sourceport from events into s16 where
sourceip in (select destinationip from events) parameters snapshotsize=2,
PROGRESSDETAILSRESOLUTION=10",
"record_count": 1240923,
"save_results": false,
"status": "String <one of: WAIT, EXECUTE, SORTING, COMPLETED, CANCELED, ERROR>",
"snapshot": {
  "events": [
    {
      "sourceip": "10.100.65.20",
      "starttime": 1467049610018,
      "qid": 10034,
      "sourceport": 13675
    },
    {
      "sourceip": "10.100.100.121",
      "starttime": 1467049610019,
      "qid": 20034,
      "sourceport": 80
    }
  ]
}

```

```

    ]
  },
  "subsearch_ids": [
    "sub_id_1"
  ],
  "search_id": "s16"
}

```

GET /ariel/searches/{search_id}/metadata

SUMMARY

Retrieve the columns that are defined for a specific Ariel search id.

Retrieve the columns that are defined for the specified Ariel search id. This is the set of columns that can be explicitly named in the column list of a SELECT query.

Table 265: GET /ariel/searches/{search_id}/metadata resource details

GET /ariel/searches/{search_id}/metadata resource details

MIME Type

application/json

Table 266: GET /ariel/searches/{search_id}/metadata request parameter details

GET /ariel/searches/{search_id}/metadata request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
search_id	path	Required	String	text/plain	null

Table 266: GET /ariel/searches/{search_id}/metadata request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 267: GET /ariel/searches/{search_id}/metadata response codes

GET /ariel/searches/{search_id}/metadata response codes

HTTP Response Code	Unique Code	Description
200		Columns were successfully retrieved.
404	1002	The search does not exist.
503	1010	The Ariel server might be temporarily unavailable or offline. Please try again later.

Response Description

A list of columns that are defined for the specified database. Multiple properties of each column are returned. For example, the column name or an indication that the column is indexable.

Response Sample

```
{
  "columns": [
    {
      "argument_type": "String",
      "indexable": true,
      "name": "String",
      "nullable": true,
      "object_value_type": "String <one of: NULL, STRUCT, Byte, Short, Integer, Long,
UnsignedByte, UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host,
HostV4V6, HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary>",
      "provider_name": "String"
    }
  ]
}
```

GET /ariel/searches/{search_id}/results

SUMMARY

Retrieves search results in the requested format.

Retrieve the results of the Ariel search that is identified by the search ID. The Accepts request header indicates the format of the result. The formats are RFC compliant and can be JSON, CSV, XML, or tabular text.

By default, all query result records are returned. To restrict the results to a contiguous subset of the records, you can supply a Range header to specify the inclusive range of records to be returned.

This end-point works with query results that are generated by AQL query expressions. This endpoint might not work as expected for results that are generated by other means. Search results might not be retrievable for searches that are created on the Console.

The response samples are for the following query: Select sourceIP, destinationIP from events.

Table 268: GET /ariel/searches/{search_id}/results resource details

GET /ariel/searches/{search_id}/results resource details

MIME Type
application/json application/csv text/table application/xml

Table 269: GET /ariel/searches/{search_id}/results request parameter details

GET /ariel/searches/{search_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
search_id	path	Required	String	text/plain	The ID of the search criteria for the returned results.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 270: GET /ariel/searches/{search_id}/results response codes

GET /ariel/searches/{search_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The search results were retrieved.

Table 270: GET /ariel/searches/{search_id}/results response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1002	The search does not exist.
404	1003	Search results not found. The search is still in progress.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the search results.
503	1010	The Ariel server might be temporarily unavailable or offline. Please try again later.

Response Description

The search results for the specified search ID. The format that is used to encapsulate the data depends on the format specified in the Accept header for this request.

Response Sample

```
{
  "events": [
    {
      "sourceIP": "10.1.1.1",
      "destinationIP": "127.0.0.1",
      "qid": 1004
    },
    {
      "sourceIP": "10.1.1.1",
      "destinationIP": "127.0.0.1",
      "qid": 1005
    }
  ]
}
```

```

    }
  ]
}

```

GET /ariel/taggedfieldcategories

SUMMARY

Gets the list of categories for tagged fields.

Gets the list of categories for tagged fields.

Table 271: GET /ariel/taggedfieldcategories resource details

GET /ariel/taggedfieldcategories resource details

MIME Type

application/json

Table 272: GET /ariel/taggedfieldcategories request parameter details

GET /ariel/taggedfieldcategories request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 272: GET /ariel/taggedfieldcategories request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 273: GET /ariel/taggedfieldcategories response codes

GET /ariel/taggedfieldcategories response codes

HTTP Response Code	Unique Code	Description
200		An array of categories.
422	1005	A field request parameter is not valid.
422	1010	Invalid filter criteria supplied.
422	1015	The sort field or order is not valid.
500	1025	An error occurred while retrieving the categories.

Response Description

An array of categories. A category object contains the following fields:

- **id** - Long - The ID of the category for tagged fields.
- **name** - String - The name of the category for tagged fields.
- **uuid** - String - The ID of the category for tagged fields, represented as a UUID.
- **modified_date** - Long - The time stamp that the category was last modified, specified in milliseconds since epoch.
- **creation_date** - Long - The time stamp that the category was created, specified in milliseconds since epoch.

Response Sample

```
[
  {
    "creation_date": 42,
    "id": 42,
    "modified_date": 42,
    "name": "String",
    "uuid": "String"
  }
]
```

POST /ariel/taggedfieldcategories

SUMMARY

Creates a new category for tagged fields. To use this endpoint, you must have System Administrator or Security Admin permissions.

Creates a new category for tagged fields. To use this endpoint, you must have System Administrator or Security Admin permissions.

Table 274: POST /ariel/taggedfieldcategories resource details

POST /ariel/taggedfieldcategories resource details

MIME Type
application/json

Table 275: POST /ariel/taggedfieldcategories request body details

POST /ariel/taggedfieldcategories request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>The structure of the category. Only the name field can be set when creating a category. All other fields are ignored.</p> <ul style="list-style-type: none"> name - String - The name of the category for tagged fields. 	{ "creation_date": 42, "modified_date": 42, "name": "String", "uuid": "String" }

Table 276: POST /ariel/taggedfieldcategories response codes

POST /ariel/taggedfieldcategories response codes

HTTP Response Code	Unique Code	Description
201		The category was created.
409	8000	A category already exists with the specified name.
422	8001	You must specify the name parameter.
422	8002	The specified name must be between 1 and 255 (inclusive) characters.

Table 276: POST /ariel/taggedfieldcategories response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1028	An error occurred while creating the category.

Response Description

201 response with the new category structure. Location header set to the URL of the new category ID.

- **id** - Long - The ID of the category for tagged fields.
- **name** - String - The name of the category for tagged fields.
- **uuid** - String - The ID of the category for tagged fields, represented as a UUID.
- **modified_date** - Long - The time stamp that the category was last modified, specified in milliseconds since epoch.
- **creation_date** - Long - The time stamp that the category was created, specified in milliseconds since epoch.

Response Sample

```
{
  "creation_date": 42,
  "id": 42,
  "modified_date": 42,
  "name": "String",
  "uuid": "String"
}
```

DELETE /ariel/taggedfieldcategories/{id}

SUMMARY

Removes the category for tagged fields from the system. To use this endpoint, you must have System Administrator or Security Admin permissions.

Removes the category for tagged fields from the system. To use this endpoint, you must have System Administrator or Security Admin permissions.

Table 277: DELETE /ariel/taggedfieldcategories/{id} resource details

DELETE /ariel/taggedfieldcategories/{id} resource details

MIME Type
text/plain

Table 278: DELETE /ariel/taggedfieldcategories/{id} request parameter details

DELETE /ariel/taggedfieldcategories/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the category that you want to remove.

Table 279: DELETE /ariel/taggedfieldcategories/{id} response codes

DELETE /ariel/taggedfieldcategories/{id} response codes

HTTP Response Code	Unique Code	Description
204		The category was successfully deleted.
404	9000	The specified ID does not exist.

Table 279: DELETE /ariel/taggedfieldcategories/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	9001	You cannot delete the category because it is used by existing tagged fields.
422	9002	You cannot delete the default category.
500	1029	An error occurred while deleting the category.

Response Description

Response Sample

GET /ariel/taggedfieldcategories/{id}

SUMMARY

Gets a category for tagged fields.

Gets a category for tagged fields.

Table 280: GET /ariel/taggedfieldcategories/{id} resource details

GET /ariel/taggedfieldcategories/{id} resource details

MIME Type
application/json

Table 281: GET /ariel/taggedfieldcategories/{id} request parameter details

GET /ariel/taggedfieldcategories/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the category that you want to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 282: GET /ariel/taggedfieldcategories/{id} response codes

GET /ariel/taggedfieldcategories/{id} response codes

HTTP Response Code	Unique Code	Description
200		The category with the specified ID.
404	6000	The specified category ID does not exist.
422	1005	A field request parameter is not valid.

Table 282: GET /ariel/taggedfieldcategories/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1026	An error occurred while retrieving the category.

Response Description

The category with the specified ID. A category object contains the following fields:

- **id** - Long - The ID of the category for tagged fields.
- **name** - String - The name of the category for tagged fields.
- **uuid** - String - The ID of the category for tagged fields, represented as a UUID.
- **modified_date** - Long - The time stamp that the category was last modified, specified in milliseconds since epoch.
- **creation_date** - Long - The time stamp that the category was created, specified in milliseconds since epoch.

Response Sample

```
{
  "creation_date": 42,
  "id": 42,
  "modified_date": 42,
  "name": "String",
  "uuid": "String"
}
```

POST /ariel/taggedfieldcategories/{id}

SUMMARY

Updates a category for tagged fields. To use this endpoint, you must have System Administrator or Security Admin permissions.

Updates a category for tagged fields. To use this endpoint, you must have System Administrator or Security Admin permissions.

Table 283: POST /ariel/taggedfieldcategories/{id} resource details

POST /ariel/taggedfieldcategories/{id} resource details

MIME Type

application/json

Table 284: POST /ariel/taggedfieldcategories/{id} request parameter details

POST /ariel/taggedfieldcategories/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the category that you want to update.

Table 285: POST /ariel/taggedfieldcategories/{id} request body details

POST /ariel/taggedfieldcategories/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>The updated structure for the category. Only the name field can be set when updating a category. All other fields are ignored.</p> <ul style="list-style-type: none"> name - String - The name of the category for tagged fields. 	<code>{"name": "String" }</code>

Table 286: POST /ariel/taggedfieldcategories/{id} response codes

POST /ariel/taggedfieldcategories/{id} response codes

HTTP Response Code	Unique Code	Description
200		The category was updated.
404	7000	The specified ID does not exist.
409	7001	A category already exists with the specified name.
422	7002	The specified name must be between 1 and 255 (inclusive) characters.
500	1027	An error occurred while updating the category.

Response Description

The updated category with the specified ID. A category object contains the following fields:

- **id** - Long - The ID of the category for tagged fields.
- **name** - String - The name of the category for tagged fields.
- **uuid** - String - The ID of the category for tagged fields, represented as a UUID.

- **modified_date** - Long - The time stamp that the category was last modified, specified in milliseconds since epoch.
- **creation_date** - Long - The time stamp that the category was created, specified in milliseconds since epoch.

Response Sample

```
{
  "creation_date": 42,
  "id": 42,
  "modified_date": 42,
  "name": "String",
  "uuid": "String"
}
```

GET /ariel/taggedfields

SUMMARY

Gets the list of tagged fields.

Gets the list of tagged fields.

Table 287: GET /ariel/taggedfields resource details

GET /ariel/taggedfields resource details

MIME Type

application/json

Table 288: GET /ariel/taggedfields request parameter details

GET /ariel/taggedfields request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 289: GET /ariel/taggedfields response codes

GET /ariel/taggedfields response codes

HTTP Response Code	Unique Code	Description
200		An array of tagged fields.
422	1005	A field request parameter is not valid.

Table 289: GET /ariel/taggedfields response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	1010	Invalid filter criteria supplied.
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retrieving the tagged fields.

Response Description

An array of tagged fields. The `category_id` field is used as the default sort input in ascending order. A tagged field object contains the following fields:

- **id** - Long - The ID of the tagged field.
- **tag** - Integer - Unique number for this tagged field. This is a system-generated number produced from the `private_enterprise_number` and the `element_id` fields.
- **name** - String - The name of the tagged field.
- **category_id** - Integer - The ID of the logical group that this tagged field belongs to in the UI.
- **is_array** - Boolean - Specifies whether the tagged field is a list.
- **description** - String - (Optional) Description for the tagged field.
- **type** - String - The type of the tagged field. Possible values are: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte, UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6, HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary
- **uuid** - String - The ID for this tagged field, represented as a UUID.
- **modified_date** - Long - The time that the tagged field was last modified, specified in milliseconds since epoch.
- **creation_date** - Long - The time that the tagged field was created, specified in milliseconds since epoch.

Response Sample

```
[
  {
    "category_id": 42,
    "creation_date": 42,
    "description": "String",
    "id": 42,
    "is_array": true,
    "modified_date": 42,
    "name": "String",
    "tag": 42,
    "type": "String",
    "uuid": "String"
  }
]
```

POST /ariel/taggedfields

SUMMARY

Creates a new tagged field. To use this endpoint, you must have System Administrator or Security Admin permissions.

Creates a tagged field. To use this endpoint, you must have System Administrator or Security Admin permissions.

Table 290: POST /ariel/taggedfields resource details

POST /ariel/taggedfields resource details

MIME Type

application/json

Table 291: POST /ariel/taggedfields request body details

POST /ariel/taggedfields request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/ json	<p>The structure of the tagged field. The following fields can be set when creating a new tagged field:</p> <ul style="list-style-type: none"> • name - String - The name of the tagged field. • type - String - The type of the tagged field. Possible values are: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte, UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6, HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary • private_enterprise_number - Integer - The Private Enterprise Number (e.g. IANA) for this tagged field. • element_id - Integer - The ID of the information element that this tagged field will represent. The element_id field combined with the private_enterprise_number field defines a particular portion of data within a Flow Processor record. The IANA standard information elements (with a private enterprise number greater than 0) are documented here: https:// 	<pre>{ "category_id": 42, "creation_date": 42, "description": "String", "element_id": 42, "is_array": true, "modified_date": 42, "name": "String", "private_enterprise_number": 42, "tag": 42, "type": "String", "uuid": "String" }</pre>

Table 291: POST /ariel/taggedfields request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>www.iana.org/assignments/ipfix/ipfix.xhtml#ipfix-information-elements.</p> <ul style="list-style-type: none"> • category_id - Integer - The ID of the logical group that this tagged field belongs to in the UI. • is_array - Boolean - Specifies whether the tagged field is a list. • description - String - (Optional) Description for the tagged field. 	

Table 292: POST /ariel/taggedfields response codes

POST /ariel/taggedfields response codes

HTTP Response Code	Unique Code	Description
201		The tagged field was created.
409	4000	A tagged field already exists with this private_enterprise_number and element_id.
409	4001	A tagged field already exists with this name.
422	4002	You must specify the private_enterprise_number parameter.
422	4003	The specified private_enterprise_number cannot be negative.
422	4004	You must specify the element_id parameter.

Table 292: POST /ariel/taggedfields response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	4005	You must specify the category_id parameter.
422	4006	The specified category ID is invalid.
422	4007	You must specify the name parameter.
422	4008	The specified name must be between 1 and 255 (inclusive) characters.
422	4009	You must specify the type parameter.
422	4010	The specified type is invalid.
422	4011	You must specify the is_array parameter.
500	1023	An error occurred while creating the new tagged field.

Response Description

201 response with the new tagged field structure. Location header set to the URL of the new tagged field ID.

- **id** - Long - The ID of the tagged field.
- **tag** - Integer - Unique number for this tagged field. This is a system-generated number produced from the private_enterprise_number and the element_id fields.
- **name** - String - The name of the tagged field.
- **category_id** - Integer - The ID of the logical group that this tagged field belongs to in the UI.
- **is_array** - Boolean - Specifies whether the tagged field is a list.
- **description** - String - (Optional) Description for the tagged field.

- **type** - String - The type of the tagged field. Possible values are: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte, UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6, HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary
- **uuid** - String - The ID for this tagged field, represented as a UUID.
- **modified_date** - Long - The time that the tagged field was last modified, specified in milliseconds since epoch.
- **creation_date** - Long - The time that the tagged field was created, specified in milliseconds since epoch.

Response Sample

```
{
  "category_id": 42,
  "creation_date": 42,
  "description": "String",
  "id": 42,
  "is_array": true,
  "modified_date": 42,
  "name": "String",
  "tag": 42,
  "type": "String",
  "uuid": "String"
}
```

DELETE /ariel/taggedfields/{id}

SUMMARY

Removes a tagged field from the system. To use this endpoint, you must have System Administrator or Security Admin permissions.

Removes a tagged field from the system. To use this endpoint, you must have System Administrator or Security Admin permissions.

Table 293: DELETE /ariel/taggedfields/{id} resource details

DELETE /ariel/taggedfields/{id} resource details

MIME Type
text/plain

Table 294: DELETE /ariel/taggedfields/{id} request parameter details

DELETE /ariel/taggedfields/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the tagged field that you want to remove.

Table 295: DELETE /ariel/taggedfields/{id} response codes

DELETE /ariel/taggedfields/{id} response codes

HTTP Response Code	Unique Code	Description
204		The tagged field was successfully deleted.
404	5000	The specified ID does not exist.
500	1024	An error occurred while deleting the tagged field.

Response Description

Response Sample

GET /ariel/taggedfields/{id}

SUMMARY

Gets an individual tagged field.

Gets an individual tagged field.

Table 296: GET /ariel/taggedfields/{id} resource details

GET /ariel/taggedfields/{id} resource details

MIME Type

application/json

Table 297: GET /ariel/taggedfields/{id} request parameter details

GET /ariel/taggedfields/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the tagged field that you want to get.

Table 297: GET /ariel/taggedfields/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 298: GET /ariel/taggedfields/{id} response codes

GET /ariel/taggedfields/{id} response codes

HTTP Response Code	Unique Code	Description
200		The tagged field with the specified ID.
404	2000	The specified ID does not exist.
422	1005	A field request parameter is not valid.
500	1021	An error occurred while retrieving the tagged field.

Response Description

The tagged field with the specified ID. A tagged field object contains the following fields:

- **id** - Long - The ID of the tagged field.
- **tag** - Integer - Unique number for this tagged field. This is a system-generated number produced from the private_enterprise_number and the element_id fields.
- **name** - String - The name of the tagged field.

- **category_id** - Integer - The ID of the logical group that this tagged field belongs to in the UI.
- **is_array** - Boolean - Specifies whether the tagged field is a list.
- **description** - String - (Optional) Description for the tagged field.
- **type** - String - The type of the tagged field. Possible values are: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte, UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6, HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary
- **uuid** - String - The ID for this tagged field, represented as a UUID.
- **modified_date** - Long - The time that the tagged field was last modified, specified in milliseconds since epoch.
- **creation_date** - Long - The time that the tagged field was created, specified in milliseconds since epoch.

Response Sample

```
{
  "category_id": 42,
  "creation_date": 42,
  "description": "String",
  "id": 42,
  "is_array": true,
  "modified_date": 42,
  "name": "String",
  "tag": 42,
  "type": "String",
  "uuid": "String"
}
```

POST /ariel/taggedfields/{id}

SUMMARY

Updates a tagged field specified by an id. You must have the ADMIN | SAASADMIN capability to use this endpoint.

Updates a tagged field specified by an id. You must have the ADMIN | SAASADMIN capability to use this endpoint.

Table 299: POST /ariel/taggedfields/{id} resource details

POST /ariel/taggedfields/{id} resource details

MIME Type

application/json

Table 300: POST /ariel/taggedfields/{id} request parameter details

POST /ariel/taggedfields/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the tagged field that you want to update.

Table 301: POST /ariel/taggedfields/{id} request body details

POST /ariel/taggedfields/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>The updated structure for the tagged field. Only the category_id and description fields can be set when updating a tagged field. All other fields are ignored.</p> <ul style="list-style-type: none"> • category_id - Integer - The ID of the logical group that this tagged field belongs to in the UI. • description - String - (Optional) Description for the tagged field. 	{ "category_id": 42, "description": "String" }

Table 302: POST /ariel/taggedfields/{id} response codes

POST /ariel/taggedfields/{id} response codes

HTTP Response Code	Unique Code	Description
200		The tagged field was updated.
404	3000	The specified ID does not exist.
422	3001	The specified category ID is invalid.
500	1022	An error occurred while updating the tagged field.

Response Description

The updated tagged field with the specified ID. A tagged field object contains the following fields:

- **id** - Long - The ID of the tagged field.

- **tag** - Integer - Unique number for this tagged field. This is a system-generated number produced from the `private_enterprise_number` and the `element_id` fields.
- **name** - String - The name of the tagged field.
- **category_id** - Integer - The ID of the logical group that this tagged field belongs to in the UI.
- **is_array** - Boolean - Specifies whether the tagged field is a list.
- **description** - String - (Optional) Description for the tagged field.
- **type** - String - The type of the tagged field. Possible values are: NULL, STRUCT, Byte, Short, Integer, Long, UnsignedByte, UnsignedShort, UnsignedInt, UnsignedLong, BigInteger, Double, Float, Port, Host, HostV4V6, HostV6, MACAddress, String, ByteArray, UnsignedIntHex, Boolean, Binary
- **uuid** - String - The ID for this tagged field, represented as a UUID.
- **modified_date** - Long - The time that the tagged field was last modified, specified in milliseconds since epoch.
- **creation_date** - Long - The time that the tagged field was created, specified in milliseconds since epoch.

Response Sample

```
{
  "category_id": 42,
  "creation_date": 42,
  "description": "String",
  "id": 42,
  "is_array": true,
  "modified_date": 42,
  "name": "String",
  "tag": 42,
  "type": "String",
  "uuid": "String"
}
```

POST /ariel/validators/aql

SUMMARY

Validates the AQL query expression.

Validates the Ariel search as specified by the Ariel Query Language (AQL) query expression.

This endpoint only accepts SELECT query expressions.

Table 303: POST /ariel/validators/aql resource details

POST /ariel/validators/aql resource details

MIME Type

application/json

Table 304: POST /ariel/validators/aql request parameter details

POST /ariel/validators/aql request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
query_expression	query	Required	String	text/plain	Required - The AQL query to validate.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 305: POST /ariel/validators/aql response codes

POST /ariel/validators/aql response codes

HTTP Response Code	Unique Code	Description
200		An AQL query expression was successfully validated.
500	1020	An error occurred during the attempt to validate AQL.
503	1010	The Ariel server might be temporarily unavailable or offline. Please try again later.

Response Description

Array of errors/warnings encountered during AQL validation or null if validation was successful

Response Sample

```
{
  "error_messages": [
    {
      "code": 42,
      "contexts": [
        "String"
      ],
      "message": "String",
      "severity": "String <one of: INFO, WARN, ERROR>"
    }
  ]
}
```

5

CHAPTER

Asset_Model Endpoints

Asset_Model Endpoints | 275

Asset_Model Endpoints

SUMMARY

Use the references for REST API 16.0 asset_model endpoints.

IN THIS SECTION

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GET /asset_model/assets

SUMMARY

This lists all assets found in the model. This endpoint supports sorting on `id`, `domain_id`, `vulnerability_count` and `risk_score_sum`, and filtering on all fields. EXCEPTION: LIKE, ILIKE, and BETWEEN do not work on the `interfaces(ip_addresses(value))` field. It is possible to use the inequality operators to work around this in most cases. Use of the fields header to request only the necessary fields will improve API performance.

List all assets found in the model. This endpoint supports sorting on `id`, `domain_id`, `vulnerability_count` and `risk_score_sum`, and filtering on all fields. EXCEPTION: LIKE, ILIKE, and BETWEEN do not work on the `interfaces(ip_addresses(value))` field. It is possible to use the inequality operators to work around this in most cases. Use of the fields header to request only the necessary fields will improve API performance.

Table 306: GET /asset_model/assets resource details

GET /asset_model/assets resource details

MIME Type

application/json

Table 307: GET /asset_model/assets request parameter details

GET /asset_model/assets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 307: GET /asset_model/assets request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 308: GET /asset_model/assets response codes

GET /asset_model/assets response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve assets completed successfully.
500	1020	null
500	1021	null

Response Description

List of Asset objects with the following fields:

- **id** - Long - The ID of the asset.
- **domain_id** - Long - The ID of the domain this asset belongs to.

- **vulnerability_count** - Long - The total number of vulnerabilities associated with this asset
- **risk_score_sum** - Double - The sum of the CVSS scores of the vulnerabilities on this asset
- **hostnames** - Array - The hostnames on this asset
 - **id** - Long - The ID of this hostname
 - **type** - Enum - The type of hostname. One of "DNS", "NETBIOS", or "NETBIOSGROUP"
 - **name** - String - The hostname
 - **last_scanned_for** - Long - The time this hostname was created. This time is in milliseconds since epoch.
 - **first_seen_scanner** - Long - The time this hostname was first seen during a vulnerability scan. This time is in milliseconds since epoch.
 - **first_seen_profiler** - Long - The time this hostname was first seen in event or flow traffic. This time is in milliseconds since epoch.
 - **last_seen_scanner** - Long - The time this hostname was most recently seen during a vulnerability scan. This time is in milliseconds since epoch.
 - **last_seen_profiler** - Long - The time this hostname was most recently seen in event or flow traffic. This time is in milliseconds since epoch.
- **interfaces** - Array - The interfaces on this asset
 - **id** - Long - The ID of this interface
 - **mac_address** - String - The mac address of this interface. Null if Unknown.
 - **ip_addresses** - Array - The IP addresses on this interface
 - **id** - Long - The ID of this interface
 - **network_id** - Long - The ID of the network this IP address belongs to in JSA's network hierarchy
 - **value** - String - The IP address
 - **type** - Enum - The type of this IP address. One of "IPV4" or "IPV6"
 - **ip_addresses** - Array - The IP addresses on this interface
 - **created** - Long - The time this IP address was created. This time is in milliseconds since epoch.
 - **first_seen_scanner** - Long - The time this IP address was first seen during a vulnerability scan. This time is in milliseconds since epoch.

- **first_seen_profiler** - Long - The time this IP address was first seen in event or flow traffic. This time is in milliseconds since epoch.
- **last_seen_scanner** - Long - The time this IP address was most recently seen during a vulnerability scan. This time is in milliseconds since epoch.
- **last_seen_profiler** - Long - The time this IP address was most recently seen in event or flow traffic. This time is in milliseconds since epoch.
- **created** - Long - The time this interface was created. This time is in milliseconds since epoch.
- **first_seen_scanner** - Long - The time this interface was first seen during a vulnerability scan. This time is in milliseconds since epoch.
- **first_seen_profiler** - Long - The time this interface was first seen in event or flow traffic. This time is in milliseconds since epoch.
- **last_seen_scanner** - Long - The time this interface was most recently seen during a vulnerability scan. This time is in milliseconds since epoch.
- **last_seen_profiler** - Long - The time this interface was most recently seen in event or flow traffic. This time is in milliseconds since epoch.
- **products** - Array - The software products detected on this asset
 - **id** - Long - The ID of this software product instance in JSA's asset model
 - **product_variant_id** - Long - The ID of this software product variant in JSA's catalog of products.
 - **created** - Long - The time this product was most recently scanned for. This time is in milliseconds since epoch.
 - **first_seen_scanner** - Long - The time this product was first seen during a vulnerability scan. This time is in milliseconds since epoch.
 - **first_seen_profiler** - Long - The time this product was first seen in event or flow traffic. This time is in milliseconds since epoch.
 - **last_seen_scanner** - Long - The time this product was most recently seen during a vulnerability scan. This time is in milliseconds since epoch.
 - **last_seen_profiler** - Long - The time this product was most recently seen in event or flow traffic. This time is in milliseconds since epoch.
- **properties** - Array - Various system and custom properties on this asset
 - **id** - Long - The ID of this property.
 - **type_id** - Long - The ID of the type of this property

- **name** - String - The name of the type of this property
- **value** - String - The value of this property
- **last_reported_by** - String - The source of the most recent update to this property
- **last_reported** - Long - The time this property was last updated. This time is in milliseconds since epoch.
- **users** - Array - The users associated with this asset
 - **id** - Long - The ID of this username.
 - **username** - String - The username.
 - **first_seen_scanner** - Long - The time this username was first seen during a vulnerability scan. This time is in milliseconds since epoch.
 - **first_seen_profiler** - Long - The time this username was first seen in event or flow traffic. This time is in milliseconds since epoch.
 - **last_seen_scanner** - Long - The time this username was most recently seen during a vulnerability scan. This time is in milliseconds since epoch.
 - **last_seen_profiler** - Long - The time this username was most recently seen in event or flow traffic. This time is in milliseconds since epoch.

Response Sample

```
[
  {
    "domain_id": 42,
    "hostnames": [
      {
        "created": 42,
        "first_seen_profiler": 42,
        "first_seen_scanner": 42,
        "id": 42,
        "last_seen_profiler": 42,
        "last_seen_scanner": 42,
        "name": "String",
        "type": "String <one of: DNS, NETBIOS, NETBIOSGROUP>"
      }
    ]
  }
]
```

```
],
  "id": 42,
  "interfaces": [
    {
      "created": 42,
      "first_seen_profiler": 42,
      "first_seen_scanner": 42,
      "id": 42,
      "ip_addresses": [
        {
          "created": 42,
          "first_seen_profiler": 42,
          "first_seen_scanner": 42,
          "id": 42,
          "last_seen_profiler": 42,
          "last_seen_scanner": 42,
          "network_id": 42,
          "type": "String",
          "value": "String"
        }
      ],
      "last_seen_profiler": 42,
      "last_seen_scanner": 42,
      "mac_address": "String"
    }
  ],
  "products": [
    {
      "first_seen_profiler": 42,
      "first_seen_scanner": 42,
      "id": 42,
      "last_scanned_for": 42,
      "last_seen_profiler": 42,
      "last_seen_scanner": 42,
      "product_variant_id": 42
    }
  ],
  "properties": [
    {
      "id": 42,
      "last_reported": 42,
      "last_reported_by": "String",
      "name": "String",
```

```

        "type_id": 42,
        "value": "String"
    }
],
"risk_score_sum": 42.5,
"users": [
    {
        "first_seen_profiler": 42,
        "first_seen_scanner": 42,
        "id": 42,
        "last_seen_profiler": 42,
        "last_seen_scanner": 42,
        "username": "String"
    }
],
"vulnerability_count": 42
}
]

```

POST /asset_model/assets/{asset_id}

SUMMARY

Update an asset with several pertinent pieces of information.

Update an asset with several pertinent pieces of information. The **asset_id** tag is mandatory, and is the unique identifier for an asset. This field is available through the **/asset_model/assets** or **/asset_model/saved_searches/{saved_search_id}/results** query. To update properties, the property type id which is available through the **/asset_model/properties** query should be provided along with the new value. See the sample provided demonstrating an example asset update.

Table 309: POST /asset_model/assets/{asset_id} resource details

POST /asset_model/assets/{asset_id} resource details

MIME Type

text/plain

Table 310: POST /asset_model/assets/{asset_id} request parameter details

POST /asset_model/assets/{asset_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
asset_id	path	Required	String	text/plain	Unique identifier of the asset to update.

Table 311: POST /asset_model/assets/{asset_id} request body details

POST /asset_model/assets/{asset_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
asset	JSON	application/json	JSON representation of an asset.	{ "properties": [{ "type_id": 1001, "value": "given name value" }, { "type_id": 1002, "value": "unified name value" }] }

Table 312: POST /asset_model/assets/{asset_id} response codes

POST /asset_model/assets/{asset_id} response codes

HTTP Response Code	Unique Code	Description
202		The request to update the asset was successful. The update will take place when the asset profile application receives the request.
422	1005	One or more of the requested property updates were invalid.
500	1020	The server encountered an error registering the update with the asset profile application.

Response Description

Information about the asset that was updated.

Response Sample

String

GET /asset_model/configuration

SUMMARY

Retrieve the current configuration settings pertaining to assets. // @param frameworkServices An instance of the FrameworkServices class automatically provided by the REST API framework or generated by FrameworkServicesUtil.

Gets the current values of all asset configuration settings.

Table 313: GET /asset_model/configuration resource details

GET /asset_model/configuration resource details

MIME Type

application/json

Table 314: GET /asset_model/configuration request parameter details

GET /asset_model/configuration request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 315: GET /asset_model/configuration response codes

GET /asset_model/configuration response codes

HTTP Response Code	Unique Code	Description
200		The asset configuration was retrieved.

Response Description

An AssetConfigDTO. The AssetConfigDTO object contains the following fields:

- **realtime_dns_enabled** - Boolean - Enables/disables Real-Time DNS Lookups for Asset Profiles.
- **profiler_audit_event_maximum** - Long - Specifies the number of audit events per minute that are allowed to be generated by the asset profiler. Increasing the threshold increases audit throughput, but negatively impacts the system events per minute limit.
- **maximum_ip_address_per_asset** - Long - Specifies the number of IPs allowed in a single asset profile before the asset profiler treats the asset as a 'vortex asset'.
- **maximum_mac_address_per_asset** - Long - Specifies the number of MACs and empty interfaces allowed in a single asset profile before the asset profiler treats an asset as a 'vortex asset'.
- **unified_name_preference** - Enum - When determining the unified name, whether the NetBIOS Name or DNS Name is preferred. There are 2 possible values for this configuration variable: If NetBIOS is selected, NetBIOS is preferred over DNS . The order is [Given Name, NetBIOS Name, DNS Name, IP

Address]. If DNS is selected, DNS is preferred over NetBIOS . The order is [Given Name, DNS Name, NetBIOS Name, IP Address].

- **ip_reconciliation_blacklist_enabled** - Boolean - Specifies whether the asset profiler should leverage the 'reconciliation blacklists'. When true, this setting compares incoming updates to the blacklists and excludes those that match. A 'blacklist' is a Reference Set that is populated by a suite of CRE rules which track asset data over time for identity information found to be associated with 3 or more other pieces of specific asset properties in a 2 hour (or less) time window.
- **maximum_grey_list_port_per_asset** - Long - Specifies the maximum number of 'grey list' ports that a single asset can have. When an asset has hit the limit, no more new grey list ports are created for that asset, although new white list ports will still be created. Generally, a grey list port is a port that appears to be an open port but does not fall within the range of well-known service ports, also known as the 'white list'.
- **dns_lookups_for_host_identity_enabled** - Boolean - Enables/disables DNS Lookups for host identity.
- **netbios_lookups_for_host_identity_enabled** - Boolean - Enables/disables NetBIOS lookups for host identity.
- **identity_profiling_enabled** - Boolean - Enables/disables identity profiling in the host profiler. Identity profiling is the act of gleaning identity from flows, where said flows are suspected of containing DNS or DHCP identity information.
- **client_application_profiling_enabled** - Boolean - Enables/disables client application profiling in the host profiler. This setting should be turned off, in the case the client applications in the asset model are becoming too heavy.
- **open_port_profiling_enabled** - Boolean - Enables/disables profiling open ports for a particular asset IP in the host profiler. This variable specifies whether the host profiler should perform the traditional job of profiling open ports for a particular IP.
- **asset_identity_coalescing** - Long - Specifies the duration, in milliseconds, of an asset update coalescing window. This setting duplicate updates to asset identity received within the selected time interval will be merged.
- **coalesce_ownership_changes** - Boolean - Enables/disables asset update coalescing when asset ownership is modified. Disable if there are custom rules that utilize asset data to ensure that duplicate updates reporting identity data transitioning from one asset to another are processed.
- **cleanup_policy** - Enum - This setting retains all expired asset data until everything belonging to that asset has exceeded its threshold. To clean up asset data only when all of that asset's components have expired, set to "ENTIRE_ASSET". To clean up asset data individually as each component expires, set to "COMPONENT".

- **maximum_asset_cleanup_batch_size** - Long - Specifies the size (in assets) of a logical transaction in which a batch of assets are 'cleaned'. This value is configurable as a safeguard against transactions that might otherwise exceed the maximum time allowed by DB connection pool. Generally, if the asset cleanup agent is not suffering connection pool problems, you do not need to change this config value.
- **retain_assets_with_vulnerabilities** - Boolean - Allows/disallows the cleanup agent to permanently delete expired assets that still have vulnerabilities.
- **system_retention** - Object - Specifies the retention period, in milliseconds, for an asset discovered by identity (events), the host profiler (flows) or a scanner.
 - **interfaces** - Long - Specifies the retention period, in milliseconds, for asset interfaces (MAC Addresses). This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **hostname** - Long - Specifies the retention period, in milliseconds, for asset DNS and NetBIOS hostnames . This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **ip** - Long - Specifies the retention period, in milliseconds, for asset IP Addresses (IPv4 and IPv6). This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **property** - Long - Specifies the retention period, in milliseconds, for: Unified Name, Detection Confidence (legacy), Wireless AP, Wireless SSID, Switch ID, Switch Port ID, Extended, Old Cvss Risk (legacy), VLAN, Asset Type. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **product** - Long - Represents the retention period, in milliseconds, for scanned asset products, including operating systems, windows applications and 3rd party products bound to open ports. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **port** - Long - Specifies the retention period, in milliseconds, for asset ports. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **netbios** - Long - Specifies the retention period, in milliseconds, for NetBIOS groups associated with the asset. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **client_application** - Long - Specifies the retention period, in milliseconds, of asset client applications. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **users** - Long - Specifies the retention period, in milliseconds, for asset users. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.

- **user_retention** - Object - Specifies the retention period, in milliseconds, for an asset added manually by users.
 - **interfaces** - Long - Specifies the retention period, in milliseconds, for asset interfaces (MAC Addresses). This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **hostname** - Long - Specifies the retention period, in milliseconds, for asset DNS and NetBIOS hostnames . This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **ip** - Long - Specifies the retention period, in milliseconds, for asset IP Addresses (IPv4 and IPv6). This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **property** - Long - Specifies the retention period, in milliseconds, for: Unified Name, Detection Confidence (legacy), Wireless AP, Wireless SSID, Switch ID, Switch Port ID, Extended, Old Cvss Risk (legacy), VLAN, Asset Type. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **product** - Long - Represents the retention period, in milliseconds, for scanned asset products, including operating systems, windows applications and 3rd party products bound to open ports. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.

Response Sample

```
{
  "asset_identity_coalescing": 42,
  "cleanup_policy": "String <one of: COMPONENT, ENTIRE_ASSET>",
  "client_application_profiling_enabled": true,
  "coalesce_ownership_changes": true,
  "dns_lookups_for_host_identity_enabled": true,
  "identity_profiling_enabled": true,
  "ip_reconciliation_blacklist_enabled": true,
  "maximum_asset_cleanup_batch_size": 42,
  "maximum_grey_list_port_per_asset": 42,
  "maximum_ip_address_per_asset": 42,
  "maximum_mac_address_per_asset": 42,
  "netbios_lookups_for_host_identity_enabled": true,
  "open_port_profiling_enabled": true,
```

```

"profiler_audit_event_maximum": 42,
"realtime_dns_enabled": true,
"retain_assets_with_vulnerabilities": true,
"system_retention": {
  "client_application": 42,
  "hostname": 42,
  "interfaces": 42,
  "ip": 42,
  "netbios": 42,
  "port": 42,
  "product": 42,
  "property": 42,
  "users": 42
},
"unified_name_preference": "String <one of: NETBIOS, DNS>",
"user_retention": {
  "hostname": 42,
  "interfaces": 42,
  "ip": 42,
  "product": 42,
  "property": 42
}
}
}

```

POST /asset_model/configuration

SUMMARY

Update asset configuration fields.



WARNING: Tuning these configuration settings can be dangerous; modifying the wrong variable or executing the wrong query can lead to erratic system behavior and/or destabilization, errors in the log and ultimately data loss. PLEASE BE CAREFUL when

reconfiguring these values and make sure you are confident with what you are doing BEFORE making changes.

Sets asset configuration settings to the values provided if they are within the valid range for each configuration setting.

Table 316: POST /asset_model/configuration resource details

POST /asset_model/configuration resource details

MIME Type

application/json

Table 317: POST /asset_model/configuration request parameter details

POST /asset_model/configuration request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 318: POST /asset_model/configuration request body details

POST /asset_model/configuration request body details

Parameter	Data Type	MIME Type	Description	Sample
AssetConfiguration	Object	application/json	null	<pre>{ "asset_identity_coalescing": 42, "cleanup_policy": "String <one of: COMPONENT, ENTIRE_ASSET>", "client_application_profiling_enabled": true, "coalesce_ownership_changes": true, "dns_lookups_for_host_identity_enabled": true, "identity_profiling_enabled": true, "ip_reconciliation_blacklist_enabled": true, "maximum_asset_cleanup_batch_size": 42, "maximum_grey_list_port_per_asset": 42, "maximum_ip_address_per_asset": 42, "maximum_mac_address_per_asset": 42, "netbios_lookups_for_host_identity_enabled": true, "open_port_profiling_enabled": true, "profiler_audit_event_maximum": 42, "realtime_dns_enabled": true, "retain_assets_with_vulnerabilities": true, "system_retention": { "client_application": 42, "hostname": 42, "interfaces": 42, "ip": 42, "netbios": 42, "port": 42, "product": 42, "property": 42, "users": 42 }, "unified_name_preference": "String <one of: NETBIOS, DNS>", "user_retention": { "hostname": 42, "interfaces": 42, "ip": 42, "product": 42, "property": 42 } }</pre>

Table 319: POST /asset_model/configuration response codes

POST /asset_model/configuration response codes

HTTP Response Code	Unique Code	Description
200		Asset configuration was updated.
422	2007	An invalid value is attempting to assign to profiler_audit_event_maximum field. The value should be positive integer and less than 1000000000000.
422	2008	An invalid value is attempting to assign to maximum_ip_address_per_asset field. The value should be positive integer and less than 1000000000000.
422	2009	An invalid value is attempting to assign to maximum_mac_address_per_asset field. The value should be positive integer and less than 1000000000000.
422	2010	An invalid value is attempting to assign to maximum_grey_list_port_per_asset field. The value should be positive integer and less than 1000000000000.
422	2011	An invalid value is attempting to assign to asset_identity_coalescing field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2012	An invalid value is attempting to assign to retention.system.interfaces field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2013	An invalid value is attempting to assign to retention.system.hostname field. The value should be positive integer and less than 1000000000000 or null to retain data forever.

Table 319: POST /asset_model/configuration response codes (Continued)

HTTP Response Code	Unique Code	Description
422	2014	An invalid value is attempting to assign to retention.system.ip field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2015	An invalid value is attempting to assign to retention.system.property field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2016	An invalid value is attempting to assign to retention.system.product field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2017	An invalid value is attempting to assign to retention.system.port field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2018	An invalid value is attempting to assign to retention.system.netbios field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2019	An invalid value is attempting to assign to retention.system.client_application field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2020	An invalid value is attempting to assign to retention.system.users field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2021	An invalid value is attempting to assign to retention.user.interfaces field. The value should be positive integer and less than 1000000000000 or null to retain data forever.

Table 319: POST /asset_model/configuration response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	2022	An invalid value is attempting to assign to retention.user.hostname field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2023	An invalid value is attempting to assign to retention.user.ip field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2024	An invalid value is attempting to assign to retention.user.property field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2025	An invalid value is attempting to assign to retention.user.product field. The value should be positive integer and less than 1000000000000 or null to retain data forever.
422	2026	An invalid value is attempting to assign to maximum_asset_cleanup_batch_size. The value should be positive integer and less than 1000000000000.
500	2001	An error occurred while attempting to assign a value to a variable.
500	2002	An error occurred while attempting to assign a value. The value was found to be outside the allowable range.
500	2003	An error occurred while interacting with the database.
500	2004	An error occurred while attempting to assign a value to a variable. The expected data type did not match the received type.
500	2005	An error occurred while attempting to retrieve a configuration setting. Invalid setting provided.

Table 319: POST /asset_model/configuration response codes (Continued)

HTTP Response Code	Unique Code	Description
500	2006	An error occurred while attempting to assign a value to a variable. The provided value of null cannot be assigned to this configuration option.

Response Description

An updated AssetConfigDTO object. An AssetConfigDTO object contains the following fields:

- **realtime_dns_enabled** - Boolean - Enables/disables Real-Time DNS Lookups for Asset Profiles.
- **profiler_audit_event_maximum** - Long - Specifies the number of audit events per minute that are allowed to be generated by the asset profiler. Increasing the threshold increases audit throughput, but negatively impacts the system events per minute limit.
- **maximum_ip_address_per_asset** - Long - Specifies the number of IPs allowed in a single asset profile before the asset profiler treats the asset as a 'vortex asset'.
- **maximum_mac_address_per_asset** - Long - Specifies the number of MACs and empty interfaces allowed in a single asset profile before the asset profiler treats an asset as a 'vortex asset'.
- **unified_name_preference** - Enum - When determining the unified name, whether the NetBIOS Name or DNS Name is preferred. There are 2 possible values for this configuration variable: If NetBIOS is selected, NetBIOS is preferred over DNS . The order is [Given Name, NetBIOS Name, DNS Name, IP Address]. If DNS is selected, DNS is preferred over NetBIOS . The order is [Given Name, DNS Name, NetBIOS Name, IP Address].
- **ip_reconciliation_blacklist_enabled** - Boolean - Specifies whether the asset profiler should leverage the 'reconciliation blacklists'. When true, this setting compares incoming updates to the blacklists and excludes those that match. A 'blacklist' is a Reference Set that is populated by a suite of CRE rules which track asset data over time for identity information found to be associated with 3 or more other pieces of specific asset properties in a 2 hour (or less) time window.
- **maximum_grey_list_port_per_asset** - Long - Specifies the maximum number of 'grey list' ports that a single asset can have. When an asset has hit the limit, no more new grey list ports are created for that asset, although new white list ports will still be created. Generally, a grey list port is a port that appears to be an open port but does not fall within the range of well-known service ports, also known as the 'white list'.

- **dns_lookups_for_host_identity_enabled** - Boolean - Enables/disables DNS Lookups for host identity.
- **netbios_lookups_for_host_identity_enabled** - Boolean - Enables/disables NetBIOS lookups for host identity.
- **identity_profiling_enabled** - Boolean - Enables/disables identity profiling in the host profiler. Identity profiling is the act of gleaning identity from flows, where said flows are suspected of containing DNS or DHCP identity information.
- **client_application_profiling_enabled** - Boolean - Enables/disables client application profiling in the host profiler. This setting should be turned off, in the case the client applications in the asset model are becoming too heavy.
- **open_port_profiling_enabled** - Boolean - Enables/disables profiling open ports for a particular asset IP in the host profiler. This variable specifies whether the host profiler should perform the traditional job of profiling open ports for a particular IP.
- **asset_identity_coalescing** - Long - Specifies the duration, in milliseconds, of an asset update coalescing window. This setting duplicate updates to asset identity received within the selected time interval will be merged.
- **coalesce_ownership_changes** - Boolean - Enables/disables asset update coalescing when asset ownership is modified. Disable if there are custom rules that utilize asset data to ensure that duplicate updates reporting identity data transitioning from one asset to another are processed.
- **cleanup_policy** - Enum - This setting retains all expired asset data until everything belonging to that asset has exceeded its threshold. To clean up asset data only when all of that asset's components have expired, set to "ENTIRE_ASSET". To clean up asset data individually as each component expires, set to "COMPONENT".
- **maximum_asset_cleanup_batch_size** - Long - Specifies the size (in assets) of a logical transaction in which a batch of assets are 'cleaned'. This value is configurable as a safeguard against transactions that might otherwise exceed the maximum time allowed by DB connection pool. Generally, if the asset cleanup agent is not suffering connection pool problems, you do not need to change this config value.
- **retain_assets_with_vulnerabilities** - Boolean - Allows/disallows the cleanup agent to permanently delete expired assets that still have vulnerabilities.
- **system_retention** - Object - Specifies the retention period, in milliseconds, for an asset discovered by identity (events), the host profiler (flows) or a scanner.
 - **interfaces** - Long - Specifies the retention period, in milliseconds, for asset interfaces (MAC Addresses). This will be truncated from milliseconds into the number of days. To retain data forever, set to null.

- **hostname** - Long - Specifies the retention period, in milliseconds, for asset DNS and NetBIOS hostnames . This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
- **property** - Long - Specifies the retention period, in milliseconds, for: Unified Name, Detection Confidence (legacy), Wireless AP, Wireless SSID, Switch ID, Switch Port ID, Extended, Old Cvss Risk (legacy), VLAN, Asset Type. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
- **product** - Long - Represents the retention period, in milliseconds, for scanned asset products, including operating systems, windows applications and 3rd party products bound to open ports. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
- **ip** - Long - Specifies the retention period, in milliseconds, for asset IP Addresses (IPv4 and IPv6). This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
- **port** - Long - Specifies the retention period, in milliseconds, for asset ports. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
- **netbios** - Long - Specifies the retention period, in milliseconds, for NetBIOS groups associated with the asset. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
- **client_application** - Long - Specifies the retention period, in milliseconds, of asset client applications. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
- **users** - Long - Specifies the retention period, in milliseconds, for asset users. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
- **user_retention** - Object - Specifies the retention period, in milliseconds, for an asset added manually by users.
 - **interfaces** - Long - Specifies the retention period, in milliseconds,for asset interfaces (MAC Addresses). This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **hostname** - Long - Specifies the retention period, in milliseconds, for asset DNS and NetBIOS hostnames . This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
 - **property** - Long - Specifies the retention period, in milliseconds, for: Unified Name, Detection Confidence (legacy), Wireless AP, Wireless SSID, Switch ID, Switch Port ID, Extended, Old Cvss Risk (legacy), VLAN, Asset Type. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.

- **product** - Long - Represents the retention period, in milliseconds, for scanned asset products, including operating systems, windows applications and 3rd party products bound to open ports. This will be truncated from milliseconds into the number of days. To retain data forever, set to null.
- **ip** - Long - Specifies the retention period, in milliseconds, for asset IP Addresses (IPv4 and IPv6). This will be truncated from milliseconds into the number of days. To retain data forever, set to null.

Response Sample

```
{
  "asset_identity_coalescing": 42,
  "cleanup_policy": "String <one of: COMPONENT, ENTIRE_ASSET>",
  "client_application_profiling_enabled": true,
  "coalesce_ownership_changes": true,
  "dns_lookups_for_host_identity_enabled": true,
  "identity_profiling_enabled": true,
  "ip_reconciliation_blacklist_enabled": true,
  "maximum_asset_cleanup_batch_size": 42,
  "maximum_grey_list_port_per_asset": 42,
  "maximum_ip_address_per_asset": 42,
  "maximum_mac_address_per_asset": 42,
  "netbios_lookups_for_host_identity_enabled": true,
  "open_port_profiling_enabled": true,
  "profiler_audit_event_maximum": 42,
  "realtime_dns_enabled": true,
  "retain_assets_with_vulnerabilities": true,
  "system_retention": {
    "client_application": 42,
    "hostname": 42,
    "interfaces": 42,
    "ip": 42,
    "netbios": 42,
    "port": 42,
    "product": 42,
    "property": 42,
    "users": 42
  },
}
```

```

    "unified_name_preference": "String <one of: NETBIOS, DNS>",
    "user_retention": {
      "hostname": 42,
      "interfaces": 42,
      "ip": 42,
      "product": 42,
      "property": 42
    }
  }
}

```

GET /asset_model/properties

SUMMARY

Get a list of available asset property types that can be used.

Get a list of available asset property types that can be used or applied against the `/asset_model/assets` endpoint.

Table 320: GET /asset_model/properties resource details

GET /asset_model/properties resource details

MIME Type

application/json

Table 321: GET /asset_model/properties request parameter details

GET /asset_model/properties request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 322: GET /asset_model/properties response codes

GET /asset_model/properties response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve the list of asset property types completed successfully.
500	1020	An error occurred while trying to retrieve the list of asset property types.

Response Description

List of asset properties. Per asset property type: id and name that make up this asset property type.

Response Sample

```
[
  {
    "custom": true,
    "data_type": "String",
    "display": true,
    "id": 42,
    "name": "String",
    "state": 42
  }
]
```

GET /asset_model/saved_search_groups

SUMMARY

Retrieves a list the asset saved search groups.

Retrieves a list the asset saved search groups.

Table 323: GET /asset_model/saved_search_groups resource details

GET /asset_model/saved_search_groups resource details

MIME Type

application/json

Table 324: GET /asset_model/saved_search_groups request parameter details

GET /asset_model/saved_search_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 325: GET /asset_model/saved_search_groups response codes

GET /asset_model/saved_search_groups response codes

HTTP Response Code	Unique Code	Description
200		The asset saved search groups were returned.

Table 325: GET /asset_model/saved_search_groups response codes *(Continued)*

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the asset saved search groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ]
  }
]
```

```

    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
  }
]

```

DELETE /asset_model/saved_search_groups/{group_id}

SUMMARY

Deletes an asset saved search group.

Deletes an asset saved search group.

Table 326: DELETE /asset_model/saved_search_groups/{group_id} resource details

DELETE /asset_model/saved_search_groups/{group_id} resource details

MIME Type

text/plain

Table 327: DELETE /asset_model/saved_search_groups/{group_id} request parameter details

DELETE /asset_model/saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 328: DELETE /asset_model/saved_search_groups/{group_id} response codes

DELETE /asset_model/saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
204		The asset saved search group was deleted.
404	1002	The asset saved search group does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the asset saved search group.

Response Description

Response Sample

GET /asset_model/saved_search_groups/{group_id}

SUMMARY

Retrieves an asset saved search group.

Retrieves an asset saved search group.

Table 329: GET /asset_model/saved_search_groups/{group_id} resource details

GET /asset_model/saved_search_groups/{group_id} resource details

MIME Type

application/json

Table 330: GET /asset_model/saved_search_groups/{group_id} request parameter details

GET /asset_model/saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 331: GET /asset_model/saved_search_groups/{group_id} response codes

GET /asset_model/saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The asset saved search group was retrieved.
404	1002	The asset saved search group does not exist.
500	1020	An error occurred during the attempt to retrieve the asset saved search group.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The id of the parent group. (Default resources can have localized names)
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group. (Default groups can have localized names)
- **description** - String - The description of the group. (Default groups can have localized names)
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
    42
  ],
}
```

```

"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

POST /asset_model/saved_search_groups/{group_id}

SUMMARY

Updates the owner of an asset saved search group.

Updates the owner of an asset saved search group.

Table 332: POST /asset_model/saved_search_groups/{group_id} resource details

POST /asset_model/saved_search_groups/{group_id} resource details

MIME Type

application/json

Table 333: POST /asset_model/saved_search_groups/{group_id} request parameter details

POST /asset_model/saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 334: POST /asset_model/saved_search_groups/{group_id} request body details

POST /asset_model/saved_search_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_GR OUP, FLOW_SAVED_SEARCH_GR OUP, OFFENSE_SAVED_SEARCH_ GROUP, QRM_SAVED_SEARCH_GRO UP, MODEL_SAVED_SEARCH_GR OUP, QUESTION_SAVED_SEARCH_ _GROUP, SIMULATION_SAVED_SEARC H_GROUP, TOPOLOGY_SAVED_SEARCH_ _GROUP, ASSET_SAVED_SEARCH_GR OUP, VULNERABILITY_SAVED_SE ARCH_GROUP>" }

Table 335: POST /asset_model/saved_search_groups/{group_id} response codes

POST /asset_model/saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The asset saved search group has been updated.
404	1002	The asset saved search group does not exist.

Table 335: POST /asset_model/saved_search_groups/{group_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the asset saved search group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the asset saved search group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
```

```

"child_groups": [
  42
],
"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

GET /asset_model/saved_searches

SUMMARY

Retrieves a list of saved searches that can be used or applied against the `/asset_model/saved_searches/{saved_search_id}/results` query.

Retrieves a list of saved searches that can be used or applied against the `/asset_model/saved_searches/{saved_search_id}/results` query.

Table 336: GET /asset_model/saved_searches resource details

GET /asset_model/saved_searches resource details

MIME Type

application/json

Table 337: GET /asset_model/saved_searches request parameter details

GET /asset_model/saved_searches request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 338: GET /asset_model/saved_searches response codes

GET /asset_model/saved_searches response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve the list of saved searches completed successfully.

Table 338: GET /asset_model/saved_searches response codes *(Continued)*

HTTP Response Code	Unique Code	Description
500	1020	The server encountered an error during the attempt to retrieve the list of saved searches.

Response Description

A list of saved searches. Each saved search contains an ID, name, and list of filters.

Response Sample

```
[
  {
    "columns": [
      {
        "name": "String",
        "type": "String"
      }
    ],
    "description": "String",
    "filters": [
      {
        "operator": "String",
        "parameter": "String",
        "value": "String"
      }
    ],
    "id": 42,
    "is_shared": true,
    "name": "String",
    "owner": "String"
  }
]
```

```

    }
  ]

```

DELETE /asset_model/saved_searches/{saved_search_id}

SUMMARY

Deletes an asset saved search.

Deletes an asset saved search.

Table 339: DELETE /asset_model/saved_searches/{saved_search_id} resource details

DELETE /asset_model/saved_searches/{saved_search_id} resource details

MIME Type

text/plain

Table 340: DELETE /asset_model/saved_searches/{saved_search_id} request parameter details

DELETE /asset_model/saved_searches/{saved_search_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
saved_search_id	path	Required	Number (Integer)	text/plain	null

Table 341: DELETE /asset_model/saved_searches/{saved_search_id} response codes

DELETE /asset_model/saved_searches/{saved_search_id} response codes

HTTP Response Code	Unique Code	Description
204		The asset saved searchh was deleted.
403	1009	You do not have the required capabilities to delete the asset saved search.
404	1002	The asset saved search does not exist.
500	1020	An error occurred during the attempt to delete the asset saved search.

Response Description

Response Sample

GET /asset_model/saved_searches/{saved_search_id}

SUMMARY

Retrieves an asset saved search.

Retrieves an asset saved search.

Table 342: GET /asset_model/saved_searches/{saved_search_id} resource details

GET /asset_model/saved_searches/{saved_search_id} resource details

MIME Type
application/json

Table 343: GET /asset_model/saved_searches/{saved_search_id} request parameter details

GET /asset_model/saved_searches/{saved_search_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
saved_search_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 344: GET /asset_model/saved_searches/{saved_search_id} response codes

GET /asset_model/saved_searches/{saved_search_id} response codes

HTTP Response Code	Unique Code	Description
200		The asset saved search was retrieved,
404	1002	The asset saved search does not exist,
500	1020	An error occurred during the attempt to retrieve the asset saved search,

Response Description

The asset saved search after it is retrieved. An Asset Saved Search object contains the following fields:

- **id** - Long - The ID of the asset saved search.
- **name** - String - The name of the asset saved search.
- **owner** - String - The owner of the asset saved search.
- **isShared** - Boolean - True if the asset saved search is shared with other users.
- **description** - String - The description of the asset saved search.
- **filters** - List of Strings - The asset saved search filters.
- **columns** - List of Strings - The asset saved search columns.

Response Sample

```
{
  "columns": [
    {
      "name": "String",
      "type": "String"
    }
  ],
  "description": "String",
  "filters": [
    {
      "operator": "String",
      "parameter": "String",
      "value": "String"
    }
  ],
  "id": 42,
  "is_shared": true,
  "name": "String",
  "owner": "String"
}
```


POST /asset_model/saved_searches/{saved_search_id}

SUMMARY

Updates the asset saved search owner only.

Updates the asset saved search owner only.

Table 345: POST /asset_model/saved_searches/{saved_search_id} resource details

POST /asset_model/saved_searches/{saved_search_id} resource details

MIME Type

application/json

Table 346: POST /asset_model/saved_searches/{saved_search_id} request parameter details

POST /asset_model/saved_searches/{saved_search_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
saved_search_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 347: POST /asset_model/saved_searches/{saved_search_id} request body details

POST /asset_model/saved_searches/{saved_search_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
saved_search	Object	application/ json	null	{ "columns": [{ "name": "String", "type": "String" }], "description": "String", "filters": [{ "operator": "String", "parameter": "String", "value": "String" }], "id": 42, "is_shared": true, "name": "String", "owner": "String" }

Table 348: POST /asset_model/saved_searches/{saved_search_id} response codes

POST /asset_model/saved_searches/{saved_search_id} response codes

HTTP Response Code	Unique Code	Description
200		The asset saved search was updated.
403	1009	You do not have the required capabilities to update the asset saved search.
404	1002	The asset saved search does not exist.
409	1004	The provided user does not have the required capabilities to own the asset saved search.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the asset saved search.

Response Description

The asset saved search after it is updated. An Asset Saved Search object contains the following fields:

- **id** - Long - The ID of the asset saved search.

- **name** - String - The name of the asset saved search.
- **owner** - String - The owner of the asset saved search.
- **isShared** - Boolean - True if the asset saved search is shared with other users.
- **description** - String - The description of the asset saved search.
- **filters** - List of Strings - The asset saved search filters.
- **columns** - List of Strings - The asset saved search columns.

Response Sample

```
{
  "columns": [
    {
      "name": "String",
      "type": "String"
    }
  ],
  "description": "String",
  "filters": [
    {
      "operator": "String",
      "parameter": "String",
      "value": "String"
    }
  ],
  "id": 42,
  "is_shared": true,
  "name": "String",
  "owner": "String"
}
```

GET /asset_model/saved_searches/{saved_search_id}/results

SUMMARY

Retrieves a list of assets based on the results of an asset saved search.

Retrieves a list of assets based on the results of an asset saved search.

Table 349: GET /asset_model/saved_searches/{saved_search_id}/results resource details

GET /asset_model/saved_searches/{saved_search_id}/results resource details

MIME Type

application/json

Table 350: GET /asset_model/saved_searches/{saved_search_id}/results request parameter details

GET /asset_model/saved_searches/{saved_search_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
saved_search_id	path	Required	String	text/plain	Unique identifier of the saved search used to retrieve assets.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 350: GET /asset_model/saved_searches/{saved_search_id}/results request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 351: GET /asset_model/saved_searches/{saved_search_id}/results response codes

GET /asset_model/saved_searches/{saved_search_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve assets completed successfully.
404	1002	null
422	1005	The unique identifier of the saved search provided was invalid.
500	1003	The server encountered an error executing the saved search.

Response Description

List of assets retrieved using the associated asset saved search.

Response Sample

```
[
  {
    "domain_id": 42,
    "id": 42,
    "interfaces": [
      {
        "created": 42,
        "first_seen_profiler": 42,
        "first_seen_scanner": 42,
        "id": 42,
        "ip_addresses": [
          {
            "created": 42,
            "first_seen_profiler": 42,
            "first_seen_scanner": 42,
            "id": 42,
            "last_seen_profiler": 42,
            "last_seen_scanner": 42,
            "network_id": 42,
            "type": "String",
            "value": "String"
          }
        ],
        "last_seen_profiler": 42,
        "last_seen_scanner": 42,
        "mac_address": "String"
      }
    ],
    "properties": [
      {
        "id": 42,
        "last_reported": 42,
        "last_reported_by": "String",
        "name": "String",
        "type_id": 42,
        "value": "String"
      }
    ]
  }
]
```

```
}  
]
```

6

CHAPTER

Auth Endpoints

[Auth Endpoints](#) | 327

Auth Endpoints

SUMMARY

Use the references for REST API 16.0 auth endpoints.

IN THIS SECTION

- [POST /auth/logout | 327](#)

POST /auth/logout

SUMMARY

Invoke this method as an authorized user and your session will be invalidated.

Table 352: POST /auth/logout resource details

POST /auth/logout resource details

MIME Type

text/plain

There are no parameters for this endpoint.

Table 353: POST /auth/logout response codes

POST /auth/logout response codes

HTTP Response

Code	Unique Code	Description
200		The session was invalidated.

Response Description

Returns true. Throws exception upon failure.

Response Sample

```
true
```

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CHAPTER

Backup_and_Restore Endpoints

Backup_and_Restore Endpoints | 330

Backup_and_Restore Endpoints

SUMMARY

Use the references for REST API 16.0 backup_and_restore endpoints.

IN THIS SECTION

- [GET /backup_and_restore/backups](#) | 330
- [POST /backup_and_restore/backups](#) | 334
- [DELETE /backup_and_restore/backups/{id}](#) | 340
- [GET /backup_and_restore/backups/{id}](#) | 342
- [POST /backup_and_restore/backups/{id}](#) | 346
- [GET /backup_and_restore/restores](#) | 350
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- [DELETE /backup_and_restore/restores/{id}](#) | 360
- [GET /backup_and_restore/restores/{id}](#) | 361
- [POST /backup_and_restore/restores/{id}](#) | 365

GET /backup_and_restore/backups

SUMMARY

Retrieves a list of backups.

Retrieves a list of backups.

Table 354: GET /backup_and_restore/backups resource details

GET /backup_and_restore/backups resource details

MIME Type
application/json

Table 355: GET /backup_and_restore/backups request parameter details

GET /backup_and_restore/backups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 356: GET /backup_and_restore/backups response codes

GET /backup_and_restore/backups response codes

HTTP Response Code	Unique Code	Description
200		The backups were retrieved.
422	1018	The Sort field must be one of the following fields: [id, host_id, name, description, type, version, time_initiated, time_completed, initiated_by, status, size_on_disk, content_file_path].
500	1000	An error occurred during the attempt to retrieve the backups.

Response Description

An array of backup objects. Backup objects contain the following fields:

- **id** - Long - The ID of the backup.
- **configuration_id** - Long - The ID of the configuration. This will always be 1. See the Backup Configuration APIs for more information:
 - [api/config/backup_and_restore/scheduled_backup_configurations](#)
 - [api/staged_config/backup_and_restore/scheduled_backup_configurations](#)
- **host_id** - Long - The host that corresponds with the backup. For more information, see the following Hosts API:
 - [api/config/deployment/hosts](#)
- **name** - String - The name of the backup.
- **description** - String - An optional description of the backup.
- **type** - Enumeration - The backup type. The following values are available: CONFIG, DATA.
- **version** - String - The JSA version that corresponds to the backup.
- **time_initiated** - Long - The number of milliseconds since epoch when the backup was started.
- **time_completed** - Long - The number of milliseconds since epoch when the backup completed.
- **initiated_by** - String - The user or authorized service that started the backup.

- **status** - Enumeration - The status of the backup. The following values are available: INITIALIZING, IN_PROGRESS, FAILED, SUCCESS, CANCELLING, DELETING, MISSING.
 - INITIALIZING: The initial state of the backup when it is created. In this state a backup object is created and a request to the Backup and Restore Engine is sent.
 - IN_PROGRESS: When the backup request is received by the Backup and Restore Engine, the status is updated IN_PROGRESS.
 - FAILED: If the backup has completed with errors, the status is updated to FAILED.
 - SUCCESS: If the backup has completed without errors, the status is updated to SUCCESS.
 - CANCELLING: CANCELLING: If a request is sent from the API to delete a backup that is in progress, after the request is received by the Backup and Restore Engine, the backup status is updated to CANCELLING.
 - DELETING: If a request is sent to delete a backup, after the request is received by the Backup and Restore Engine the backup status is updated to DELETING. The backup record, along with the backup file, is deleted.
 - MISSING: If the backup file for a backup record is moved or deleted outside of the control of the Backup and Restore Engine, the status of that record is updated to MISSING.
- **size_on_disk** - Long - The size of the backup in bytes.
- **content_file_path** - String - The file path that corresponds to the backup contents.
- **is_valid** - Boolean - If the associated backup file, backup manifest and its properties are all in working order, the condition is set to 'true'; otherwise, the condition is set to 'false'. Some examples as to why the backup might not be valid are as follows:
 - The backup manifest is missing properties.
 - Unable to retrieve the backup manifest.
 - The backup from a non-HA standby system cannot be restored on a Console that is configured as a HA standby system.
 - The backup and the host product names do not match.
 - The backup and the host appliance names do not match.
 - The backup uses the current Console IP address for the non-Console managed host.
- **is_version_compatible** - Boolean - If the associated backup version is compatible with the system the condition is set to 'true'; otherwise, the condition is set to 'false'.

Response Sample

```
[
  {
    "build_version": "String",
    "configuration_id": 42,
    "content_file_path": "String",
    "description": "String",
    "host_id": 42,
    "id": 42,
    "initiated_by": "String",
    "is_valid": true,
    "is_version_compatible": true,
    "name": "String",
    "size_on_disk": 42,
    "status": "String",
    "time_completed": 42,
    "time_initiated": 42,
    "type": "String",
    "version": "String"
  }
]
```

POST /backup_and_restore/backups

SUMMARY

Submits a request to the Backup and Restore Engine to create a new backup.

To check the status of a backup please use the following endpoint: `/api/backup_and_restore/backups/{id}`

Table 357: POST /backup_and_restore/backups resource details

POST /backup_and_restore/backups resource details

MIME Type

application/json

Table 358: POST /backup_and_restore/backups request parameter details

POST /backup_and_restore/backups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
backup_type	header	Required	String	text/plain	Required. The desired type of backup (CONFIG or DATA).
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 359: POST /backup_and_restore/backups request body details

POST /backup_and_restore/backups request body details

Parameter	Data Type	MIME Type	Description	Sample
backup	Object	application/json	<p>Required. A single backup object has the following modifiable fields:</p> <ul style="list-style-type: none"> • name - Required - String - The name of the backup. • configuration_id - Required - Long - The ID of the configuration. Must be the ID of a deployed backup configuration. For more information, see the following Backup Configuration API: <ul style="list-style-type: none"> • <code>api/config/backup_and_restore/scheduled_backup_configurations</code> • description - Optional - String - An optional description for the backup. • host_id - Optional - Long - The host that corresponds with the backup (defaults to the Console). <p>Any other set fields will be ignored.</p>	<pre>{ "name": "nightly", "description": "nightly_backup", "configuration_id": 1 }</pre>

Table 360: POST /backup_and_restore/backups response codes

POST /backup_and_restore/backups response codes

HTTP Response Code	Unique Code	Description
201		The backup was created.
409	1005	The 'name' parameter value must be unique.

Table 360: POST /backup_and_restore/backups response codes (*Continued*)

HTTP Response Code	Unique Code	Description
409	1011	An undeployed configuration change has been detected. Deploy staged changes then try again.
409	1015	A backup is already in progress on the host.
409	1016	A restore is currently in progress. No new backup or restore processes can be initiated while the current process is running.
422	1002	The 'name' parameter value cannot be null or empty.
422	1003	The 'name' parameter value must not exceed 100 characters.
422	1004	The 'name' parameter must contain only alphanumeric characters and '_', '-', or '.'.
422	1006	The 'configuration_id' parameter value cannot be null or empty.
422	1007	The backup configuration does not exist.
422	1008	The 'description' parameter value must not exceed 255 characters.
422	1009	The backup host does not exist.
422	1010	The provided host_id corresponds to a host that is currently not active. For more information, see the following Hosts API: api/config/deployment/hosts
422	1012	The provided host_id corresponds to a host that is not the console and the backup type is CONFIG. A config backup can only take place on the console.

Table 360: POST /backup_and_restore/backups response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	1013	Data backups can only be done on hosts that store ariel data. For more information, see the following Hosts API: api/config/deployment/hosts
422	1014	The host is not configured for data backups. See the Backup Configuration API for more information: api/config/backup_and_restore/scheduled_backup_configurations
500	1000	An error occurred during the attempt to create the backup.

Response Description

The created backup object containing the following fields:

- **id** - Long - The ID of the backup.
- **configuration_id** - Long - The ID of the configuration. This will always be 1. See the Backup Configuration APIs for more information:
 - [api/config/backup_and_restore/scheduled_backup_configurations](#)
 - [api/staged_config/backup_and_restore/scheduled_backup_configurations](#)
- **host_id** - Long - The host that corresponds with the backup. For more information, see the following Hosts API:
 - [api/config/deployment/hosts](#)
- **name** - String - The name of the backup.
- **description** - String - An optional description of the backup.
- **type** - Enumeration - The backup type. The following values are available: CONFIG, DATA.
- **version** - String - The JSA version that corresponds to the backup.
- **time_initiated** - Long - The number of milliseconds since epoch when the backup was started.
- **time_completed** - Long - The number of milliseconds since epoch when the backup completed.

- **initiated_by** - String - The user or authorized service that started the backup.
- **status** - Enumeration - The status of the backup. The following values are available: INITIALIZING, IN_PROGRESS, FAILED, SUCCESS, CANCELLING, DELETING, MISSING.
 - INITIALIZING: The initial state of the backup when it is created. In this state a backup object is created and a request to the Backup and Restore Engine is sent.
 - IN_PROGRESS: When the backup request is received by the Backup and Restore Engine, the status is updated IN_PROGRESS.
 - FAILED: If the backup has completed with errors, the status is updated to FAILED.
 - SUCCESS: If the backup has completed without errors, the status is updated to SUCCESS.
 - CANCELLING: CANCELLING: If a request is sent from the API to delete a backup that is in progress, after the request is received by the Backup and Restore Engine, the backup status is updated to CANCELLING.
 - DELETING: If a request is sent to delete a backup, after the request is received by the Backup and Restore Engine the backup status is updated to DELETING. The backup record, along with the backup file, is deleted.
 - MISSING: If the backup file for a backup record is moved or deleted outside of the control of the Backup and Restore Engine, the status of that record is updated to MISSING.
- **size_on_disk** - Long - The size of the backup in bytes.
- **content_file_path** - String - The file path that corresponds to the backup contents.
- **is_valid** - Boolean - If the associated backup file, backup manifest and its properties are all in working order, the condition is set to 'true'; otherwise, the condition is set to 'false'. Some examples as to why the backup might not be valid are as follows:
 - The backup manifest is missing properties.
 - Unable to retrieve the backup manifest.
 - The backup from a non-HA standby system cannot be restored on a Console that is configured as a HA standby system.
 - The backup and the host product names do not match.
 - The backup and the host appliance names do not match.
 - The backup uses the current Console IP address for the non-Console managed host.
- **is_version_compatible** - Boolean - If the associated backup version is compatible with the system the condition is set to 'true'; otherwise, the condition is set to 'false'.

Response Sample

```
{
  "build_version": "String",
  "configuration_id": 42,
  "content_file_path": "String",
  "description": "String",
  "host_id": 42,
  "id": 42,
  "initiated_by": "String",
  "is_valid": true,
  "is_version_compatible": true,
  "name": "String",
  "size_on_disk": 42,
  "status": "String",
  "time_completed": 42,
  "time_initiated": 42,
  "type": "String",
  "version": "String"
}
```

DELETE /backup_and_restore/backups/{id}

SUMMARY

Sends a request to the Backup and Restore Engine to delete an existing backup.

Deleting a backup that is INITIALIZING or IN_PROGRESS will cancel the backup.

Table 361: DELETE /backup_and_restore/backups/{id} resource details

DELETE /backup_and_restore/backups/{id} resource details

MIME Type

application/json

Table 362: DELETE /backup_and_restore/backups/{id} request parameter details

DELETE /backup_and_restore/backups/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID of the backup to delete.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 363: DELETE /backup_and_restore/backups/{id} response codes

DELETE /backup_and_restore/backups/{id} response codes

HTTP Response Code	Unique Code	Description
202		A request was successfully sent to deleted the backup.
404	1001	The backup does not exist.
422	1017	Backups can be deleted only in the following states: INITIALIZING, IN_PROGRESS, FAILED, SUCCESS, MISSING.
500	1000	An error occurred during the attempt to delete the backup.

Response Description

Response Sample

```
{
  "build_version": "String",
  "configuration_id": 42,
  "content_file_path": "String",
  "description": "String",
  "host_id": 42,
  "id": 42,
  "initiated_by": "String",
  "is_valid": true,
  "is_version_compatible": true,
  "name": "String",
  "size_on_disk": 42,
  "status": "String",
  "time_completed": 42,
  "time_initiated": 42,
  "type": "String",
  "version": "String"
}
```

GET /backup_and_restore/backups/{id}

SUMMARY

Retrieves an individual backup by ID.

Retrieves an individual backup by ID.

Table 364: GET /backup_and_restore/backups/{id} resource details

GET /backup_and_restore/backups/{id} resource details

MIME Type
application/json

Table 365: GET /backup_and_restore/backups/{id} request parameter details

GET /backup_and_restore/backups/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID of the backup to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 366: GET /backup_and_restore/backups/{id} response codes

GET /backup_and_restore/backups/{id} response codes

HTTP Response Code	Unique Code	Description
200		The backup was retrieved.
404	1001	The backup does not exist.
500	1000	An error occurred during the attempt to retrieve the backup.

Response Description

A backup object. The backup object contains the following fields:

- **id** - Long - The ID of the backup.
- **configuration_id** - Long - The ID of the configuration. This will always be 1. See the Backup Configuration APIs for more information:
 - [api/config/backup_and_restore/scheduled_backup_configurations](#)
 - [api/staged_config/backup_and_restore/scheduled_backup_configurations](#)
- **host_id** - Long - The host that corresponds with the backup. For more information, see the following Hosts API:
 - [api/config/deployment/hosts](#)
- **name** - String - The name of the backup.
- **description** - String - An optional description of the backup.
- **type** - Enumeration - The backup type. The following values are available: CONFIG, DATA.
- **version** - String - The JSA version that corresponds to the backup.
- **time_initiated** - Long - The number of milliseconds since epoch when the backup was started.
- **time_completed** - Long - The number of milliseconds since epoch when the backup completed.
- **initiated_by** - String - The user or authorized service that started the backup.
- **status** - Enumeration - The status of the backup. The following values are available: INITIALIZING, IN_PROGRESS, FAILED, SUCCESS, CANCELLING, DELETING, MISSING.
 - **INITIALIZING**: The initial state of the backup when it is created. In this state a backup object is created and a request to the Backup and Restore Engine is sent.
 - **IN_PROGRESS**: When the backup request is received by the Backup and Restore Engine, the status is updated IN_PROGRESS.
 - **FAILED**: If the backup has completed with errors, the status is updated to FAILED.
 - **SUCCESS**: If the backup has completed without errors, the status is updated to SUCCESS.
 - **CANCELLING**: CANCELLING: If a request is sent from the API to delete a backup that is in progress, after the request is received by the Backup and Restore Engine, the backup status is updated to CANCELLING.

- **DELETING**: If a request is sent to delete a backup, after the request is received by the Backup and Restore Engine the backup status is updated to DELETING. The backup record, along with the backup file, is deleted.
- **MISSING**: If the backup file for a backup record is moved or deleted outside of the control of the Backup and Restore Engine, the status of that record is updated to MISSING.
- **size_on_disk** - Long - The size of the backup in bytes.
- **content_file_path** - String - The file path that corresponds to the backup contents.
- **is_valid** - Boolean - If the associated backup file, backup manifest and its properties are all in working order, the condition is set to 'true'; otherwise, the condition is set to 'false'. Some examples as to why the backup might not be valid are as follows:
 - The backup manifest is missing properties.
 - Unable to retrieve the backup manifest.
 - The backup from a non-HA standby system cannot be restored on a Console that is configured as a HA standby system.
 - The backup and the host product names do not match.
 - The backup and the host appliance names do not match.
 - The backup uses the current Console IP address for the non-Console managed host.
- **is_version_compatible** - Boolean - If the associated backup version is compatible with the system the condition is set to 'true'; otherwise, the condition is set to 'false'.

Response Sample

```
{
  "build_version": "String",
  "configuration_id": 42,
  "content_file_path": "String",
  "description": "String",
  "host_id": 42,
  "id": 42,
  "initiated_by": "String",
  "is_valid": true,
  "is_version_compatible": true,
```

```

    "name": "String",
    "size_on_disk": 42,
    "status": "String",
    "time_completed": 42,
    "time_initiated": 42,
    "type": "String",
    "version": "String"
  }

```

POST /backup_and_restore/backups/{id}

SUMMARY

Updates an existing backup.

Only the backup description field is modifiable. Any other set fields will be ignored.

Table 367: POST /backup_and_restore/backups/{id} resource details

POST /backup_and_restore/backups/{id} resource details

MIME Type

application/json

Table 368: POST /backup_and_restore/backups/{id} request parameter details

POST /backup_and_restore/backups/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID of the backup to update.

Table 368: POST /backup_and_restore/backups/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 369: POST /backup_and_restore/backups/{id} request body details

POST /backup_and_restore/backups/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
backup	Object	application/json	<p>Required. A single backup object has the following modifiable fields:</p> <ul style="list-style-type: none"> • description - String - An optional description of the backup. <p>Any other set fields will be ignored.</p>	{ "description": "nightly_backup" }

Table 370: POST /backup_and_restore/backups/{id} response codes

POST /backup_and_restore/backups/{id} response codes

HTTP Response Code	Unique Code	Description
200		The backup was updated.
404	1001	The backup does not exist.

Table 370: POST /backup_and_restore/backups/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1008	The 'description' parameter value must not exceed 255 characters.
500	1000	An error occurred during the attempt to update the backup.

Response Description

The updated backup object containing the following fields:

- **id** - Long - The ID of the backup.
- **configuration_id** - Long - The ID of the configuration. This will always be 1. See the Backup Configuration APIs for more information:
 - [api/config/backup_and_restore/scheduled_backup_configurations](#)
 - [api/staged_config/backup_and_restore/scheduled_backup_configurations](#)
- **host_id** - Long - The host that corresponds with the backup. For more information, see the following Hosts API:
 - [api/config/deployment/hosts](#)
- **name** - String - The name of the backup.
- **description** - String - An optional description of the backup.
- **type** - Enumeration - The backup type. The following values are available: CONFIG, DATA.
- **version** - String - The JSA version that corresponds to the backup.
- **time_initiated** - Long - The number of milliseconds since epoch when the backup was started.
- **time_completed** - Long - The number of milliseconds since epoch when the backup completed.
- **initiated_by** - String - The user or authorized service that started the backup.
- **status** - Enumeration - The status of the backup. The following values are available: INITIALIZING, IN_PROGRESS, FAILED, SUCCESS, CANCELLING, DELETING, MISSING.

- **INITIALIZING:** The initial state of the backup when it is created. In this state a backup object is created and a request to the Backup and Restore Engine is sent.
- **IN_PROGRESS:** When the backup request is received by the Backup and Restore Engine, the status is updated IN_PROGRESS.
- **FAILED:** If the backup has completed with errors, the status is updated to FAILED.
- **SUCCESS:** If the backup has completed without errors, the status is updated to SUCCESS.
- **CANCELLING:** CANCELLING: If a request is sent from the API to delete a backup that is in progress, after the request is received by the Backup and Restore Engine, the backup status is updated to CANCELLING.
- **DELETING:** If a request is sent to delete a backup, after the request is received by the Backup and Restore Engine the backup status is updated to DELETING. The backup record, along with the backup file, is deleted.
- **MISSING:** If the backup file for a backup record is moved or deleted outside of the control of the Backup and Restore Engine, the status of that record is updated to MISSING.
- **size_on_disk** - Long - The size of the backup in bytes.
- **content_file_path** - String - The file path that corresponds to the backup contents.
- **is_valid** - Boolean - If the associated backup file, backup manifest and its properties are all in working order, the condition is set to 'true'; otherwise, the condition is set to 'false'. Some examples as to why the backup might not be valid are as follows:
 - The backup manifest is missing properties.
 - Unable to retrieve the backup manifest.
 - The backup from a non-HA standby system cannot be restored on a Console that is configured as a HA standby system.
 - The backup and the host product names do not match.
 - The backup and the host appliance names do not match.
 - The backup uses the current Console IP address for the non-Console managed host.
- **is_version_compatible** - Boolean - If the associated backup version is compatible with the system the condition is set to 'true'; otherwise, the condition is set to 'false'.

Response Sample

```
{
  "build_version": "String",
  "configuration_id": 42,
  "content_file_path": "String",
  "description": "String",
  "host_id": 42,
  "id": 42,
  "initiated_by": "String",
  "is_valid": true,
  "is_version_compatible": true,
  "name": "String",
  "size_on_disk": 42,
  "status": "String",
  "time_completed": 42,
  "time_initiated": 42,
  "type": "String",
  "version": "String"
}
```

GET /backup_and_restore/restores

SUMMARY

Retrieves a list of restores.

Retrieves a list of restores.

Table 371: GET /backup_and_restore/restores resource details

GET /backup_and_restore/restores resource details

MIME Type

application/json

Table 372: GET /backup_and_restore/restores request parameter details

GET /backup_and_restore/restores request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 373: GET /backup_and_restore/restores response codes

GET /backup_and_restore/restores response codes

HTTP Response Code	Unique Code	Description
200		The restores were retrieved.
422	1018	The sort field must be one of the following fields: [id, initiated_by, time_initiated, time_completed, is_cross_deployment_restore, backup_name, backup_type, backup_version, backup_filename].
500	1000	An error occurred during the attempt to retrieve the restores.

Response Description

An array of restore objects. Restore objects contain the following fields:

- **id** - Long - The ID of the restore.
- **initiated_by** - String - The user or authorized service that initiated the restore.
- **host_id** - Long - The host that was restored. For more information, see the following Hosts API:
 - `api/config/deployment/hosts`
- **time_initiated** - Long - The number of milliseconds since epoch when the restore was started.
- **time_completed** - Long - The number of milliseconds since epoch when the restore completed.
- **status** - Enumeration - The status of the restore. The following values are available: PENDING, REQUESTING, INITIALIZING, IN_PROGRESS, FAILED, SUCCESS.
 - **PENDING:** This is the initial state of the restore once it is created. From this state the restore can be updated to the REQUESTING state.
 - **REQUESTING:** After the status is set to REQUESTING, a restore request is sent to the Backup and Restore Engine to initialize it as a new restore.
 - **INITIALIZING:** After the restore request is received by the Backup and Restore Engine it will update the status to INITIALIZING.
 - **IN_PROGRESS:** After the restore process begins the status will be updated to IN_PROGRESS.
 - **FAILED:** If the restore has completed with errors the status will be updated to FAILED.

- **SUCCESS**: If the restore has completed without errors the status will be updated to SUCCESS.
- **is_cross_deployment_restore** - Boolean - If the associated backup is being restored on a different Console with a set of new managed hosts, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **backup_id** - Long - The ID of the backup associated with the restore. Once the restore completes this value will be updated to null.
- **backup_name** - String - The name of the backup that was restored.
- **backup_version** - String - The JSA version that corresponds to the backup that was restored.
- **backup_type** - Enumeration - The backup type that was restored. This value will always be CONFIG.
- **backup_filename** - String - The filename of the backup that was restored.
- **groups** - Array of Enumeration - The set of groups that are included with the restore. These groups contain a subset of the following values: CUSTOM_RULES_CONFIG, DEPLOYMENT_CONFIG, USERS_CONFIG, LICENSE_CONFIG, QVM_CONFIG, INSTALLED_APPS_CONFIG, REPORT_TEMPLATES, ASSETS_DATA, OFFENSES_DATA.
 - **CUSTOM_RULES_CONFIG**: Restores custom rules, reference sets, reference data, and saved searches. If you have rules that depend on items other than reference data and saved searches, you need to use DEPLOYMENT_CONFIG in addition to CUSTOM_RULES_CONFIG for rules to be fully functional.
 - **DEPLOYMENT_CONFIG**: Restores the deployment model and administrator controlled settings and content. This group includes, but is not limited to the following content: domains, log sources, flow sources, system settings, and forwarding rules.
 - **USERS_CONFIG**: Restores users, authorized services, user roles, security profiles, and dashboards.
 - **LICENSE_CONFIG**: NEEDS DESCRIPTION
 - **QVM_CONFIG**: NEEDS DESCRIPTION
 - **INSTALLED_APPS_CONFIG**: Restores installed applications.
 - **REPORT_TEMPLATES**: Restores report templates.
 - **ASSETS_DATA**: Restores the asset model.
 - **OFFENSES_DATA**: Restores offenses. All offenses will be restored as closed.

Response Sample

```
[
  {
    "backup_filename": "String",
    "backup_id": 42,
    "backup_name": "String",
    "backup_type": "String",
    "backup_version": "String",
    "groups": [
      "String"
    ],
    "host_id": 42,
    "id": 42,
    "initiated_by": "String",
    "is_cross_deployment_restore": true,
    "status": "String",
    "time_completed": 42,
    "time_initiated": 42
  }
]
```

POST /backup_and_restore/restores

SUMMARY

Creates a restore object in the PENDING state.

Note: Only a single restore record can be created at a time and all other existing restores must be in a completed state. A completed restore has the status of SUCCESS or FAILED.

Table 374: POST /backup_and_restore/restores resource details

POST /backup_and_restore/restores resource details

MIME Type

application/json

Table 375: POST /backup_and_restore/restores request parameter details

POST /backup_and_restore/restores request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 376: POST /backup_and_restore/restores request body details

POST /backup_and_restore/restores request body details

Parameter	Data Type	MIME Type	Description	Sample
restore	Object	application/json	<p>Required. A single restore object has the following modifiable fields:</p> <ul style="list-style-type: none"> groups - Required - Array of Enumeration - The set of groups that are included with the restore. These groups contain a subset of the following values: CUSTOM_RULES_CONFIG, DEPLOYMENT_CONFIG, USERS_CONFIG, LICENSE_CONFIG, QVM_CONFIG, INSTALLED_APPS_CONFIG, REPORT_TEMPLATES, ASSETS_DATA, OFFENSES_DATA. backup_id - Required - Long - The ID of the backup to restore. <p>Any other set fields will be ignored.</p>	<pre>{ "backup_id": 42, "groups": ["CUSTOM_RULES_CONFIG", "DEPLOYMENT_CONFIG", "USERS_CONFIG", "LICENSE_CONFIG", "QVM_CONFIG", "INSTALLED_APPS_CONFIG", "ASSETS_DATA", "OFFENSES_DATA"] }</pre>

Table 377: POST /backup_and_restore/restores response codes

POST /backup_and_restore/restores response codes

HTTP Response Code	Unique Code	Description
201		The restore was created.
409	1011	A restore is currently pending or in progress. Only a single restore record can be created at a time and all other existing restores must be in a completed state. A completed restore has the status of SUCCESS or FAILED.

Table 377: POST /backup_and_restore/restores response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1002	The 'backup_id' parameter value cannot be null or empty.
422	1003	The backup does not exist.
422	1004	The backup type must be config.
422	1005	The backup status must be successful.
422	1006	The backup must be valid.
422	1007	The backup must be compatible.
422	1008	The 'groups' parameter value cannot be null or empty.
422	1009	The DEPLOYMENT_CONFIG group must be included with the INSTALLED_APPS_CONFIG group.
422	1010	A group was provided that does not exist.
422	1019	"The ASSETS_DATA and USERS_CONFIG groups must be included with DOMAINS group."
500	1000	An error occurred during the attempt to create the restore.

Response Description

The created restore object containing the following fields:

- **id** - Long - The ID of the restore.
- **initiated_by** - String - The user or authorized service that initiated the restore.

- **host_id** - Long - The host that was restored. For more information, see the following Hosts API:
 - `api/config/deployment/hosts`
- **time_initiated** - Long - The number of milliseconds since epoch when the restore was started.
- **time_completed** - Long - The number of milliseconds since epoch when the restore completed.
- **status** - Enumeration - The status of the restore. The following values are available: PENDING, REQUESTING, INITIALIZING, IN_PROGRESS, FAILED, SUCCESS.
 - PENDING: This is the initial state of the restore once it is created. From this state the restore can be updated to the REQUESTING state.
 - REQUESTING: After the status is set to REQUESTING, a restore request is sent to the Backup and Restore Engine to initialize it as a new restore.
 - INITIALIZING: After the restore request is received by the Backup and Restore Engine it will update the status to INITIALIZING.
 - IN_PROGRESS: After the restore process begins the status will be updated to IN_PROGRESS.
 - FAILED: If the restore has completed with errors the status will be updated to FAILED.
 - SUCCESS: If the restore has completed without errors the status will be updated to SUCCESS.
- **is_cross_deployment_restore** - Boolean - If the associated backup is being restored on a different Console with a set of new managed hosts, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **backup_id** - Long - The ID of the backup associated with the restore. Once the restore completes this value will be updated to null.
- **backup_name** - String - The name of the backup that was restored.
- **backup_version** - String - The JSA version that corresponds to the backup that was restored.
- **backup_type** - Enumeration - The backup type that was restored. This value will always be CONFIG.
- **backup_filename** - String - The filename of the backup that was restored.
- **groups** - Array of Enumeration - The set of groups that are included with the restore. These groups contain a subset of the following values: CUSTOM_RULES_CONFIG, DEPLOYMENT_CONFIG, USERS_CONFIG, LICENSE_CONFIG, QVM_CONFIG, INSTALLED_APPS_CONFIG, REPORT_TEMPLATES, ASSETS_DATA, OFFENSES_DATA.
 - CUSTOM_RULES_CONFIG: Restores custom rules, reference sets, reference data, and saved searches. If you have rules that depend on items other than reference data and saved searches, you need to use DEPLOYMENT_CONFIG in addition to CUSTOM_RULES_CONFIG for rules to be fully functional.

- DEPLOYMENT_CONFIG: Restores the deployment model and administrator controlled settings and content. This group includes, but is not limited to the following content: domains, log sources, flow sources, system settings, and forwarding rules.
- USERS_CONFIG: Restores users, authorized services, user roles, security profiles, and dashboards.
- LICENSE_CONFIG: NEEDS DESCRIPTION
- QVM_CONFIG: NEEDS DESCRIPTION
- INSTALLED_APPS_CONFIG: Restores installed applications.
- REPORT_TEMPLATES: Restores report templates.
- ASSETS_DATA: Restores the asset model.
- OFFENSES_DATA: Restores offenses. All offenses will be restored as closed.

Response Sample

```
{
  "backup_filename": "String",
  "backup_id": 42,
  "backup_name": "String",
  "backup_type": "String",
  "backup_version": "String",
  "groups": [
    "String"
  ],
  "host_id": 42,
  "id": 42,
  "initiated_by": "String",
  "is_cross_deployment_restore": true,
  "status": "String",
  "time_completed": 42,
  "time_initiated": 42
}
```

DELETE /backup_and_restore/restores/{id}

SUMMARY

Deletes an individual restore by ID.

Deleting a restore record that is INITIALIZING or IN_PROGRESS will not cancel the restore.

Table 378: DELETE /backup_and_restore/restores/{id} resource details

DELETE /backup_and_restore/restores/{id} resource details

MIME Type

text/plain

Table 379: DELETE /backup_and_restore/restores/{id} request parameter details

DELETE /backup_and_restore/restores/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID of the restore to delete.

Table 380: DELETE /backup_and_restore/restores/{id} response codes

DELETE /backup_and_restore/restores/{id} response codes

HTTP Response Code	Unique Code	Description
204		The restore was successfully deleted.
404	1001	The restore does not exist.

Table 380: DELETE /backup_and_restore/restores/{id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	1017	Restores can be deleted only in the following states: PENDING, REQUESTING, INITIALIZING, IN_PROGRESS.
500	1000	An error occurred during the attempt to delete the restore.

Response Description

Response Sample

GET /backup_and_restore/restores/{id}

SUMMARY

Retrieves an individual restore by ID.

Retrieves an individual restore by ID.

Table 381: GET /backup_and_restore/restores/{id} resource details

GET /backup_and_restore/restores/{id} resource details

MIME Type

application/json

Table 382: GET /backup_and_restore/restores/{id} request parameter details

GET /backup_and_restore/restores/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID of the restore to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 383: GET /backup_and_restore/restores/{id} response codes

GET /backup_and_restore/restores/{id} response codes

HTTP Response Code	Unique Code	Description
200		The restore was retrieved.
404	1001	The restore does not exist.
500	1000	An error occurred during the attempt to retrieve the restore.

Response Description

A restore object. The restore object contains the following fields:

- **id** - Long - The ID of the restore.
- **initiated_by** - String - The user or authorized service that initiated the restore.
- **host_id** - Long - The host that was restored. For more information, see the following Hosts API:
 - `api/config/deployment/hosts`
- **time_initiated** - Long - The number of milliseconds since epoch when the restore was started.
- **time_completed** - Long - The number of milliseconds since epoch when the restore completed.
- **status** - Enumeration - The status of the restore. The following values are available: PENDING, REQUESTING, INITIALIZING, IN_PROGRESS, FAILED, SUCCESS.
 - **PENDING:** This is the initial state of the restore once it is created. From this state the restore can be updated to the REQUESTING state.
 - **REQUESTING:** After the status is set to REQUESTING, a restore request is sent to the Backup and Restore Engine to initialize it as a new restore.
 - **INITIALIZING:** After the restore request is received by the Backup and Restore Engine it will update the status to INITIALIZING.
 - **IN_PROGRESS:** After the restore process begins the status will be updated to IN_PROGRESS.
 - **FAILED:** If the restore has completed with errors the status will be updated to FAILED.
 - **SUCCESS:** If the restore has completed without errors the status will be updated to SUCCESS.
- **is_cross_deployment_restore** - Boolean - If the associated backup is being restored on a different Console with a set of new managed hosts, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **backup_id** - Long - The ID of the backup associated with the restore. Once the restore completes this value will be updated to null.
- **backup_name** - String - The name of the backup that was restored.
- **backup_version** - String - The JSA version that corresponds to the backup that was restored.
- **backup_type** - Enumeration - The backup type that was restored. This value will always be CONFIG.
- **backup_filename** - String - The filename of the backup that was restored.

- **groups** - Array of Enumeration - The set of groups that are included with the restore. These groups contain a subset of the following values: CUSTOM_RULES_CONFIG, DEPLOYMENT_CONFIG, USERS_CONFIG, LICENSE_CONFIG, QVM_CONFIG, INSTALLED_APPS_CONFIG, REPORT_TEMPLATES, ASSETS_DATA, OFFENSES_DATA.
 - CUSTOM_RULES_CONFIG: Restores custom rules, reference sets, reference data, and saved searches. If you have rules that depend on items other than reference data and saved searches, you need to use DEPLOYMENT_CONFIG in addition to CUSTOM_RULES_CONFIG for rules to be fully functional.
 - DEPLOYMENT_CONFIG: Restores the deployment model and administrator controlled settings and content. This group includes, but is not limited to the following content: domains, log sources, flow sources, system settings, and forwarding rules.
 - USERS_CONFIG: Restores users, authorized services, user roles, security profiles, and dashboards.
 - LICENSE_CONFIG: NEEDS DESCRIPTION
 - QVM_CONFIG: NEEDS DESCRIPTION
 - INSTALLED_APPS_CONFIG: Restores installed applications.
 - REPORT_TEMPLATES: Restores report templates.
 - ASSETS_DATA: Restores the asset model.
 - OFFENSES_DATA: Restores offenses. All offenses will be restored as closed.

Response Sample

```
{
  "backup_filename": "String",
  "backup_id": 42,
  "backup_name": "String",
  "backup_type": "String",
  "backup_version": "String",
  "groups": [
    "String"
  ],
  "host_id": 42,
  "id": 42,
  "initiated_by": "String",
```

```

    "is_cross_deployment_restore": true,
    "status": "String",
    "time_completed": 42,
    "time_initiated": 42
  }

```

POST /backup_and_restore/restores/{id}

SUMMARY

Updates an existing restore by ID.

Important: All services stop until the restore is completed.

Table 384: POST /backup_and_restore/restores/{id} resource details

POST /backup_and_restore/restores/{id} resource details

MIME Type

application/json

Table 385: POST /backup_and_restore/restores/{id} request parameter details

POST /backup_and_restore/restores/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 385: POST /backup_and_restore/restores/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 386: POST /backup_and_restore/restores/{id} request body details

POST /backup_and_restore/restores/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
restore	Object	application/json	<p>Required. A single restore object has the following modifiable fields:</p> <ul style="list-style-type: none"> status - Enumeration - The status of the Restore. Can only be updated to REQUESTING. Once the status is set to REQUESTING this will submit a request to the Backup and Restore Engine to initialize this as a new Restore. <p>Any other set fields will be ignored.</p>	{ "status": "SUCCESS" }

Table 387: POST /backup_and_restore/restores/{id} response codes

POST /backup_and_restore/restores/{id} response codes

HTTP Response Code	Unique Code	Description
200		The restore was updated.
404	1001	The restore does not exist.
409	1014	Rebalancing is currently in progress. No restore process can be initiated.
409	1015	A backup is currently in progress. No new backup or restore processes can be initiated while the current process is running.
409	1016	A restore is currently in progress. No new backup or restore processes can be initiated while the current process is running.
422	1012	Only restores that are in the PENDING state are updated.
422	1013	The 'status' parameter value can only be updated to REQUESTING.
422	1030	The restore_site_host_id must have a flow processor component.
422	1031	The restore_site_host_id must be a valid host ID.
422	1032	The restore_site_event_collector_id is not an event collector component.
422	1033	The restore_site_event_collector_id does not exist.
422	1034	null
422	1035	null
422	1036	null
422	1037	null

Table 387: POST /backup_and_restore/restores/{id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1000	An error occurred during the attempt to update the restore.

Response Description

The created restore object containing the following fields:

- **id** - Long - The ID of the restore.
- **initiated_by** - String - The user or authorized service that initiated the restore.
- **host_id** - Long - The host that was restored. For more information, see the following Hosts API:
 - [api/config/deployment/hosts](#)
- **time_initiated** - Long - The number of milliseconds since epoch when the restore was started.
- **time_completed** - Long - The number of milliseconds since epoch when the restore completed.
- **status** - Enumeration - The status of the restore. The following values are available: PENDING, REQUESTING, INITIALIZING, IN_PROGRESS, FAILED, SUCCESS.
 - **PENDING**: This is the initial state of the restore once it is created. From this state the restore can be updated to the REQUESTING state.
 - **REQUESTING**: After the status is set to REQUESTING, a restore request is sent to the Backup and Restore Engine to initialize it as a new restore.
 - **INITIALIZING**: After the restore request is received by the Backup and Restore Engine it will update the status to INITIALIZING.
 - **IN_PROGRESS**: After the restore process begins the status will be updated to IN_PROGRESS.
 - **FAILED**: If the restore has completed with errors the status will be updated to FAILED.
 - **SUCCESS**: If the restore has completed without errors the status will be updated to SUCCESS.
- **is_cross_deployment_restore** - Boolean - If the associated backup is being restored on a different Console with a set of new managed hosts, the condition is set to 'true'; otherwise, the condition is set to 'false'.

- **backup_id** - Long - The ID of the backup associated with the restore. Once the restore completes this value will be updated to null.
- **backup_name** - String - The name of the backup that was restored.
- **backup_version** - String - The JSA version that corresponds to the backup that was restored.
- **backup_type** - Enumeration - The backup type that was restored. This value will always be CONFIG.
- **backup_filename** - String - The filename of the backup that was restored.
- **groups** - Array of Enumeration - The set of groups that are included with the restore. These groups contain a subset of the following values: CUSTOM_RULES_CONFIG, DEPLOYMENT_CONFIG, USERS_CONFIG, LICENSE_CONFIG, QVM_CONFIG, INSTALLED_APPS_CONFIG, REPORT_TEMPLATES, ASSETS_DATA, OFFENSES_DATA.
 - CUSTOM_RULES_CONFIG: Restores custom rules, reference sets, reference data, and saved searches. If you have rules that depend on items other than reference data and saved searches, you need to use DEPLOYMENT_CONFIG in addition to CUSTOM_RULES_CONFIG for rules to be fully functional.
 - DEPLOYMENT_CONFIG: Restores the deployment model and administrator controlled settings and content. This group includes, but is not limited to the following content: domains, log sources, flow sources, system settings, and forwarding rules.
 - USERS_CONFIG: Restores users, authorized services, user roles, security profiles, and dashboards.
 - LICENSE_CONFIG: NEEDS DESCRIPTION
 - QVM_CONFIG: NEEDS DESCRIPTION
 - INSTALLED_APPS_CONFIG: Restores installed applications.
 - REPORT_TEMPLATES: Restores report templates.
 - ASSETS_DATA: Restores the asset model.
 - OFFENSES_DATA: Restores offenses. All offenses will be restored as closed.

Response Sample

```
{  
  "backup_filename": "String",  
  "backup_id": 42,
```

```
"backup_name": "String",
"backup_type": "String",
"backup_version": "String",
"groups": [
  "String"
],
"host_id": 42,
"id": 42,
"initiated_by": "String",
"is_cross_deployment_restore": true,
"status": "String",
"time_completed": 42,
"time_initiated": 42
}
```

8

CHAPTER

Bandwidth_Manager Endpoints

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Bandwidth_Manager Endpoints

SUMMARY

Use the references for REST API 16.0 bandwidth_manager endpoints.

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GET /bandwidth_manager/configurations

SUMMARY

Retrieves a list of configurations.

Retrieves a list of configurations

Table 388: GET /bandwidth_manager/configurations resource details

GET /bandwidth_manager/configurations resource details

MIME Type
application/json

Table 389: GET /bandwidth_manager/configurations request parameter details

GET /bandwidth_manager/configurations request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 390: GET /bandwidth_manager/configurations response codes

GET /bandwidth_manager/configurations response codes

HTTP Response Code	Unique Code	Description
200		The configurations were retrieved.
422	1010	A filter parameter is not valid.
422	1030	A sort parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the configurations.

Response Description

An array of configuration objects. A configuration object contains the following fields:

- **id** - Long - The ID that is automatically generated for the configuration. The ID is unique for each configuration that is created.
- **name** - String - The name of the configuration.
- **host_id** - Long - The ID of the managed host for the configuration. If the ID is null, the configuration applies to all hosts in the deployment.
- **device_name** - String - The network device for the configuration. If the name is null, the configuration applies to all devices.
- **kb_limit** - Long - The bandwidth limit for the configuration in kilobytes/sec.
- **created_by** - String - The created_by field is automatically populated with USER, QRADAR-SAF, QRADAR-SF or QRADAR-AQS-PRIO.

Response Sample

```
[
  {
```



```
    "created_by": "String",
    "device_name": "String",
    "host_id": 42,
    "hostname": "String",
    "id": 42,
    "kb_limit": 42,
    "name": "String"
  }
]
```

POST /bandwidth_manager/configurations

SUMMARY

Creates a bandwidth manager configuration

Table 391: POST /bandwidth_manager/configurations resource details

POST /bandwidth_manager/configurations resource details

MIME Type

application/json

Table 392: POST /bandwidth_manager/configurations request parameter details

POST /bandwidth_manager/configurations request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 393: POST /bandwidth_manager/configurations request body details

POST /bandwidth_manager/configurations request body details

Parameter	Data Type	MIME Type	Description	Sample
configuration	Object	application/json	null	{ "created_by": "String", "device_name": "String", "host_id": 42, "hostname": "String", "id": 42, "kb_limit": 42, "name": "String" }

Table 394: POST /bandwidth_manager/configurations response codes

POST /bandwidth_manager/configurations response codes

HTTP Response Code	Unique Code	Description
202		The configuration was created successfully.
422	1000	The managed host id does not exist.
422	1001	A parameter was passed incorrectly.
422	1002	The host_id parameter must be a positive integer or -1.
422	1005	The kb_limit parameter value must be a positive integer.

Table 394: POST /bandwidth_manager/configurations response codes *(Continued)*

HTTP Response Code	Unique Code	Description
422	1008	The name parameter value must be less than 100 characters.
422	1009	The hostname parameter value must be less than 100 characters.
422	1010	The name parameter must not contain the \$ character.
500	1020	An error occurred attempting to retrieve the configuration.

Response Description

Response Sample

```
{
  "created_by": "String",
  "device_name": "String",
  "host_id": 42,
  "hostname": "String",
  "id": 42,
  "kb_limit": 42,
  "name": "String"
}
```

DELETE /bandwidth_manager/configurations/{id}

SUMMARY

Delete a bandwidth manager configuration by ID.

Delete a configuration by sequence id

Table 395: DELETE /bandwidth_manager/configurations/{id} resource details

DELETE /bandwidth_manager/configurations/{id} resource details

MIME Type

text/plain

Table 396: DELETE /bandwidth_manager/configurations/{id} request parameter details

DELETE /bandwidth_manager/configurations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 397: DELETE /bandwidth_manager/configurations/{id} response codes

DELETE /bandwidth_manager/configurations/{id} response codes

HTTP Response Code	Unique Code	Description
204		The configuration has been deleted.
404	1001	The configuration id does not exist
409	1002	The configuration has filters or a child configuration.

Table 397: DELETE /bandwidth_manager/configurations/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
420	1023	null
500	1020	An error occurred attempting to retrieve the configuration.

Response Description

Response Sample

GET /bandwidth_manager/configurations/{id}

SUMMARY

Retrieves a configuration.

Retrieves a configuration.

Table 398: GET /bandwidth_manager/configurations/{id} resource details

GET /bandwidth_manager/configurations/{id} resource details

MIME Type

application/json

Table 399: GET /bandwidth_manager/configurations/{id} request parameter details

GET /bandwidth_manager/configurations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 400: GET /bandwidth_manager/configurations/{id} response codes

GET /bandwidth_manager/configurations/{id} response codes

HTTP Response Code	Unique Code	Description
200		The configuration was retrieved.
404	1002	The configuration does not exist.
500	1020	An error occurred during the attempt to retrieve the configuration.

Response Description

The configuration after it is retrieved. A configuration object contains the following fields:

- **id** - Long - The ID that is automatically generated for the configuration. The ID is unique for each configuration that is created.
- **name** - String - The name of the configuration.
- **host_id** - Long - The ID of the managed host for the configuration. If the ID is null, the configuration applies to all hosts in the deployment.
- **device_name** - String - The network device for the configuration. If the name is null, the configuration applies to all devices.
- **kb_limit** - Long - The bandwidth limit for the configuration in kilobytes/sec.
- **created_by** - String - The created_by field is automatically populated with USER, QRADAR-SAF, QRADAR-SF or QRADAR-AQS-PRIO.

Response Sample

```
{
  "created_by": "String",
  "device_name": "String",
  "host_id": 42,
  "hostname": "String",
  "id": 42,
  "kb_limit": 42,
  "name": "String"
}
```

POST /bandwidth_manager/configurations/{id}

SUMMARY

Update a bandwidth manager configuration by ID.

Update a configuration by sequence id

Table 401: POST /bandwidth_manager/configurations/{id} resource details

POST /bandwidth_manager/configurations/{id} resource details

MIME Type

application/json

Table 402: POST /bandwidth_manager/configurations/{id} request parameter details

POST /bandwidth_manager/configurations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 403: POST /bandwidth_manager/configurations/{id} request body details

POST /bandwidth_manager/configurations/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
configuration	Object	application/ json	null	{ "created_by": "String", "device_name": "String", "host_id": 42, "hostname": "String", "id": 42, "kb_limit": 42, "name": "String" }

Table 404: POST /bandwidth_manager/configurations/{id} response codes

POST /bandwidth_manager/configurations/{id} response codes

HTTP Response Code	Unique Code	Description
204		The configuration has been deleted.
404	1002	The configuration does not exist.
420	1023	null
422	1005	The kb_limit parameter value must be a positive integer.
422	1008	The name parameter value must be less than 100 characters.
422	1009	The name parameter must not contain the \$ character.
500	1020	An error occurred attempting to retrieve the configuration.

Response Description

Response Sample

```
{
  "created_by": "String",
  "device_name": "String",
  "host_id": 42,
  "hostname": "String",
  "id": 42,
  "kb_limit": 42,
  "name": "String"
}
```

GET /bandwidth_manager/filters

SUMMARY

Retrieves a list of egress filters.

Retrieves a list of egress filters

Table 405: GET /bandwidth_manager/filters resource details

GET /bandwidth_manager/filters resource details

MIME Type

application/json

Table 406: GET /bandwidth_manager/filters request parameter details

GET /bandwidth_manager/filters request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 407: GET /bandwidth_manager/filters response codes

GET /bandwidth_manager/filters response codes

HTTP Response Code	Unique Code	Description
200		The rules were retrieved.
422	1010	A request parameter is not valid.
422	1030	A sort parameter is not valid.

Table 407: GET /bandwidth_manager/filters response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the filters.

Response Description

An array of filter objects. A filter object contains the following fields:

- **id** - Long - The ID that is automatically generated for the filter. The ID is unique for each filter that is created.
- **name** - String - The name of the filter that is supplied by the user.
- **host_id** - Long - The ID of the managed host for the filter. If the ID is null, the filter applies to all hosts in the deployment.
- **device_name** - String - The network device for the filter. If the name is null, the filter applies to all devices.
- **source_port** - Integer - The source port for the filter.
- **source_port_mask** - Integer - The source port mask for the filter.
- **source_cidr** - String - The source CIDR for the filter.
- **destination_port** - Integer - The destination port for the filter.
- **destination_port_mask** - Integer - The destination port mask for the filter.
- **destination_cidr** - String - The destination CIDR for the filter.
- **match_all** - Boolean - Indicates whether the filter matches all incoming packets by priority level. The default is false, and can be set to true.
- **created_by** - String - The created_by field is automatically populated with USER, QRADAR-SAF, QRADAR-SF or QRADAR-AQS-PRIO.

Response Sample

```
[
  {
    "configuration_id": 42,
    "created_by": "String",
    "destination_cidr": "String",
    "destination_port": 42,
    "destination_port_mask": 42,
    "device_name": "String",
    "host_id": 42,
    "hostname": "String",
    "id": 42,
    "match_all": true,
    "name": "String",
    "partner_id": 42,
    "source_cidr": "String",
    "source_port": 42,
    "source_port_mask": 42
  }
]
```

POST /bandwidth_manager/filters

SUMMARY

Creates a bandwidth manager filter

Table 408: POST /bandwidth_manager/filters resource details

POST /bandwidth_manager/filters resource details

MIME Type

application/json

Table 409: POST /bandwidth_manager/filters request parameter details

POST /bandwidth_manager/filters request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 410: POST /bandwidth_manager/filters request body details

POST /bandwidth_manager/filters request body details

Parameter	Data Type	MIME Type	Description	Sample
class	Object	application/json	null	{ "configuration_id": 42, "created_by": "String", "destination_cidr": "String", "destination_port": 42, "destination_port_mask": 42, "device_name": "String", "host_id": 42, "hostname": "String", "id": 42, "match_all": true, "name": "String", "partner_id": 42, "source_cidr": "String", "source_port": 42, "source_port_mask": 42 }

Table 411: POST /bandwidth_manager/filters response codes

POST /bandwidth_manager/filters response codes

HTTP Response Code	Unique Code	Description
202		The configuration was created successfully.
404	1002	Unable to find the managed host by using the host_id.
422	1005	A parameter was passed incorrectly.
422	1004	The host_id parameter value must be a positive integer or null.
422	1010	null
422	1011	The source_port parameter value must be a positive integer. The value must be in the range 1 - 65534.
422	1012	The source_port_mask parameter value must be a positive integer. The value must be in the range 1 - 65534.
422	1013	The destination_port parameter value must be a positive integer. The value must be in the range 1 - 65534.
422	1014	The destination_port_mask parameter value must be a positive integer. The value must be in the range 1 - 65534.
422	1016	The name parameter value must not exceed 100 characters.
422	1017	The device_name parameter value must not exceed 100 characters.
422	1018	The source_cidr parameter value must be a valid CIDR.
422	1019	The destination_cidr parameter value must be a valid CIDR.
422	1020	The hostname parameter value must not exceed 100 characters.

Table 411: POST /bandwidth_manager/filters response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1021	The configuration was not found.
422	1022	The name parameter must not contain the \$ character.
500	1030	An error occurred trying to create the filter.

Response Description

Response Sample

```
{
  "configuration_id": 42,
  "created_by": "String",
  "destination_cidr": "String",
  "destination_port": 42,
  "destination_port_mask": 42,
  "device_name": "String",
  "host_id": 42,
  "hostname": "String",
  "id": 42,
  "match_all": true,
  "name": "String",
  "partner_id": 42,
  "source_cidr": "String",
  "source_port": 42,
  "source_port_mask": 42
}
```


DELETE /bandwidth_manager/filters/{id}

SUMMARY

Update a filter by ID.

Update a filter by ID.

Table 412: DELETE /bandwidth_manager/filters/{id} resource details

DELETE /bandwidth_manager/filters/{id} resource details

MIME Type

text/plain

Table 413: DELETE /bandwidth_manager/filters/{id} request parameter details

DELETE /bandwidth_manager/filters/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 414: DELETE /bandwidth_manager/filters/{id} response codes

DELETE /bandwidth_manager/filters/{id} response codes

HTTP Response Code	Unique Code	Description
204		The filter has been deleted.
404	1020	The filter does not exist.
420	1023	null

Table 414: DELETE /bandwidth_manager/filters/{id} response codes *(Continued)*

HTTP Response Code	Unique Code	Description
500	1021	An error occurred attempting to retrieve the filter.

Response Description

Response Sample

GET /bandwidth_manager/filters/{id}

SUMMARY

Retrieves a filter.

Retrieves a filter.

Table 415: GET /bandwidth_manager/filters/{id} resource details

GET /bandwidth_manager/filters/{id} resource details

MIME Type
application/json

Table 416: GET /bandwidth_manager/filters/{id} request parameter details

GET /bandwidth_manager/filters/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 417: GET /bandwidth_manager/filters/{id} response codes

GET /bandwidth_manager/filters/{id} response codes

HTTP Response Code	Unique Code	Description
200		The filter was retrieved.
404	1000	The filter does not exist.
500	1020	An error occurred during the attempt to retrieve the filter.

Response Description

The filter after it is retrieved. A filter object contains the following fields:

- **id** - Long - The ID that is automatically generated for the filter. The ID is unique for each filter that is created.
- **name** - String - The name of the filter that is supplied by the user.

- **host_id** - Long - The ID of the managed host for the filter. If the ID is null, the filter applies to all hosts in the deployment.
- **device_name** - String - The network device for the filter. If the name is null, the filter applies to all devices.
- **source_port** - Integer - The source port for the filter.
- **source_port_mask** - Integer - The source port mask for the filter.
- **source_cidr** - String - The source CIDR for the filter.
- **destination_port** - Integer - The destination port for the filter.
- **destination_port_mask** - Integer - The destination port mask for the filter.
- **destination_cidr** - String - The destination CIDR for the filter.
- **match_all** - Boolean - Indicates whether the filter matches all incoming packets by priority level. The default is false, and can be set to true.
- **created_by** - String - The created_by field is automatically populated with USER, QRADAR-SAF, QRADAR-SF or QRADAR-AQS-PRIO.

Response Sample

```
{
  "configuration_id": 42,
  "created_by": "String",
  "destination_cidr": "String",
  "destination_port": 42,
  "destination_port_mask": 42,
  "device_name": "String",
  "host_id": 42,
  "hostname": "String",
  "id": 42,
  "match_all": true,
  "name": "String",
  "partner_id": 42,
  "source_cidr": "String",
  "source_port": 42,
```

```
"source_port_mask": 42
}
```

POST /bandwidth_manager/filters/{id}

SUMMARY

Delete a filter by sequence ID.

Update a filter by sequence ID.

Table 418: POST /bandwidth_manager/filters/{id} resource details

POST /bandwidth_manager/filters/{id} resource details

MIME Type

application/json

Table 419: POST /bandwidth_manager/filters/{id} request parameter details

POST /bandwidth_manager/filters/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 419: POST /bandwidth_manager/filters/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 420: POST /bandwidth_manager/filters/{id} request body details

POST /bandwidth_manager/filters/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
filter	Object	application/json	null	{ "configuration_id": 42, "created_by": "String", "destination_cidr": "String", "destination_port": 42, "destination_port_mask": 42, "device_name": "String", "host_id": 42, "hostname": "String", "id": 42, "match_all": true, "name": "String", "partner_id": 42, "source_cidr": "String", "source_port": 42, "source_port_mask": 42 }

Table 421: POST /bandwidth_manager/filters/{id} response codes

POST /bandwidth_manager/filters/{id} response codes

HTTP Response Code	Unique Code	Description
200		The filter has been updated.

Table 421: POST /bandwidth_manager/filters/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1002	Bandwidth manager filter not found.
422	1005	null
422	1011	The source_port parameter value must be a positive integer. The value must be in the range 1 - 65534.
422	1012	The source_port_mask parameter value must be a positive integer. The value must be in the range 1 - 65534.
422	1013	The destination_port parameter value must be a positive integer. The value must be in the range 1 - 65534.
422	1014	The destination_port_mask parameter value must be a positive integer. The value must be in the range 1 - 65534.
422	1016	The name parameter value must not exceed 100 characters.
422	1018	The source_cidr parameter value must be a valid CIDR.
422	1019	The destination_cidr parameter value must be a valid CIDR.
422	1020	The name parameter must not contain the \$ character.
500	1030	An error occurred attempting to retrieve the filter.

Response Description

Response Sample

```
{
  "configuration_id": 42,
  "created_by": "String",
  "destination_cidr": "String",
  "destination_port": 42,
  "destination_port_mask": 42,
  "device_name": "String",
  "host_id": 42,
  "hostname": "String",
  "id": 42,
  "match_all": true,
  "name": "String",
  "partner_id": 42,
  "source_cidr": "String",
  "source_port": 42,
  "source_port_mask": 42
}
```


9

CHAPTER

Config Endpoints

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Config Endpoints

SUMMARY

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- **DELETE /config/flow/ common_destination_ports/ active_configurations/{id} | 1082**
- **GET /config/flow/ common_destination_ports/ active_configurations/{id} | 1084**
- **POST /config/flow/ common_destination_ports/ active_configurations/{id} | 1086**
- **GET /config/flow/ common_destination_ports/ default_configurations | 1091**
- **GET /config/flow/ common_destination_ports/ default_configurations/{id} | 1094**

- GET /config/flow_retention_buckets | **1096**
- DELETE /config/flow_retention_buckets/{id} | **1099**
- GET /config/flow_retention_buckets/{id} | **1101**
- POST /config/flow_retention_buckets/{id} | **1103**
- GET /config/flow_sources/custom_properties/calculated_properties | **1106**
- POST /config/flow_sources/custom_properties/calculated_properties | **1109**
- DELETE /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} | **1114**
- GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} | **1117**
- POST /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} | **1120**
- GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents | **1124**
- GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable | **1128**
- GET /config/flow_sources/custom_properties/calculated_properties/dep/{calculated_property_id} | **1132**
- GET /config/flow_sources/custom_properties/calculated_property/{calculated_property_name} | **1135**

- GET /config/flow_sources/
custom_properties/
calculated_property_delete_tasks/
{task_id} | **1138**
- GET /config/flow_sources/
custom_properties/
calculated_property_dependent_tasks/
disable/{task_id} | **1141**
- POST /config/flow_sources/
custom_properties/
calculated_property_dependent_tasks/
disable/{task_id} | **1145**
- GET /config/flow_sources/
custom_properties/
calculated_property_dependent_tasks/
disable/{task_id}/results | **1149**
- GET /config/flow_sources/
custom_properties/
calculated_property_dependent_tasks/
{task_id} | **1152**
- POST /config/flow_sources/
custom_properties/
calculated_property_dependent_tasks/
{task_id} | **1156**
- GET /config/flow_sources/
custom_properties/
calculated_property_dependent_tasks/
{task_id}/results | **1161**
- GET /config/flow_sources/
custom_properties/
calculated_property_operands | **1164**
- GET /config/flow_sources/
custom_properties/
property_expressions | **1166**
- POST /config/flow_sources/
custom_properties/
property_expressions | **1169**
- DELETE /config/flow_sources/
custom_properties/property_expressions/
{expression_id} | **1172**

- GET /config/flow_sources/
custom_properties/property_expressions/
{expression_id} | **1174**
- POST /config/flow_sources/
custom_properties/property_expressions/
{expression_id} | **1177**
- GET /config/flow_sources/
custom_properties/regex_properties | **1182**
- POST /config/flow_sources/
custom_properties/regex_properties | **1184**
- DELETE /config/flow_sources/
custom_properties/regex_properties/
{regex_property_id} | **1188**
- GET /config/flow_sources/
custom_properties/regex_properties/
{regex_property_id} | **1191**
- POST /config/flow_sources/
custom_properties/regex_properties/
{regex_property_id} | **1193**
- GET /config/flow_sources/
custom_properties/regex_properties/
{regex_property_id}/dependents | **1197**
- GET /config/flow_sources/
custom_properties/regex_properties/
{regex_property_id}/dependents/
change_field_type | **1201**
- GET /config/flow_sources/
custom_properties/regex_properties/
{regex_property_id}/
disabling_dependents | **1205**
- GET /config/flow_sources/
custom_properties/
regex_property_delete_tasks/{task_id} | **1209**
- GET /config/flow_sources/
custom_properties/
regex_property_dependent_tasks/
change_field_type/{task_id} | **1211**

- [POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}](#) | 1215
- [GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/results](#) | 1220
- [GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}](#) | 1223
- [POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}](#) | 1227
- [GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results](#) | 1231
- [GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}](#) | 1234
- [POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}](#) | 1238
- [GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results](#) | 1242
- [GET /config/network_hierarchy/networks](#) | 1245
- [GET /config/network_hierarchy/staged_networks](#) | 1248
- [PUT /config/network_hierarchy/staged_networks](#) | 1250
- [GET /config/remote_networks](#) | 1254

- GET /config/remote_networks/{network_id} | 1256
- GET /config/remote_services | 1258
- GET /config/remote_services/{service_id} | 1261
- GET /config/resource_restrictions | 1263
- POST /config/resource_restrictions | 1265
- DELETE /config/resource_restrictions/{resource_restriction_id} | 1267
- GET /config/resource_restrictions/{resource_restriction_id} | 1268
- PUT /config/resource_restrictions/{resource_restriction_id} | 1271
- GET /config/store_and_forward/policies | 1273
- DELETE /config/store_and_forward/policies/{id} | 1275
- GET /config/store_and_forward/policies/{id} | 1277
- POST /config/store_and_forward/policies/{id} | 1279

GET /config/access/authorized_services

SUMMARY

Retrieves a list of authorized services. For security reasons, the token field will never be populated in this endpoint.

To view any authorized service, the caller must have the Administrator Manager permission. Callers without the Administrator Manager permission can only see the list of authorized services that they've

created. An authorized service can see itself and other authorized services that it created, but the Administrator Manager permission is needed to see the complete list of authorized services.

Table 422: GET /config/access/authorized_services resource details

GET /config/access/authorized_services resource details

MIME Type
application/json

Table 423: GET /config/access/authorized_services request parameter details

GET /config/access/authorized_services request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
current_authorized_service	query	Optional	Boolean	text/plain	Whether to return the current authorized service only
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 424: GET /config/access/authorized_services response codes

GET /config/access/authorized_services response codes

HTTP Response Code	Unique Code	Description
200		Authorized Services retrieved.

Response Description

An array of authorized services structures.

- **id** - Long - The ID of the authorized service. This field is read-only.
- **label** - String - The label of the authorized service. Authorized service labels and users "usernames" must be unique between them.
- **token** - String - The token of this authorized service, generated as a UUID. The authorized service token is a pre-authorized key. This token can be used in place of a username and password when authentication to the APIs. This field is only available in the response to a POST to the /api/config/access/authorized_services endpoint.
- **created_by** - String - The label of the system actor that created this authorized service.
- **tenant_id** - Long - The tenant_id of the current authorized service. Access tenants using /config/access/tenant_management/tenants API.
- **security_profile_id** - Long - The security profile ID of the authorized service. Access deployed user roles under /api/config/security_profiles API.
- **user_role_id** - Long - The user_role_id of the user. Access deployed user roles under /api/config/user_roles API.
- **creation_date** - Long - The time in milliseconds since epoch that this authorized service was created. This field is read-only.
- **expiration_date** - Long - The time in milliseconds since epoch that this authorized service will expire. If this field is null, this authorized service does not expire.
- **last_used_date** - Long - The time in milliseconds since epoch that this authorized service was last used. If this field is null, this authorized service has not been used.

Response Sample

```
[
  {
    "created_by": "String",
    "creation_date": 42,
    "expiration_date": 42,
    "id": 42,
    "label": "String",
    "last_used_date": 42,
    "security_profile_id": 42,
    "tenant_id": 42,
    "token": "String",
    "user_role_id": 42
  }
]
```

POST /config/access/authorized_services

SUMMARY

Creates an authorized service. The response to this API invocation will contain the API token. This will be the only time the token value is available.

Any user or authorized service can call this endpoint. To create an authorized service with any user role, security profile, or tenant, the caller must have the Administrator Manager permission. Callers who don't have the Administrator Manager permission can only create an authorized service with their own user role, security profile and tenant. An authorized service that is created by a caller who doesn't have the Administrator Manager permission expires no later than the default expiration time, even if the caller enters a later time. The default expiration time is also what is set as the expiration date for the authorized service if the `expiration_date` is not set in the request. This default expiration time can be configured using the Authentication Settings API found here: </api/system/authorization/settings>.

Only the `label`, `tenant_id`, `security_profile_id`, `user_role_id`, and `expiration_date` fields can be set when creating an authorized service. All other fields are ignored.

Table 425: POST /config/access/authorized_services resource details

POST /config/access/authorized_services resource details

MIME Type
application/json

Table 426: POST /config/access/authorized_services request parameter details

POST /config/access/authorized_services request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 427: POST /config/access/authorized_services request body details

POST /config/access/authorized_services request body details

Parameter	Data Type	MIME Type	Description	Sample
authorized_service	Object	application/json	Only the label, tenant_id, security_profile_id, user_role_id, and expiration_date fields can be set when creating an authorized service. All other fields are ignored.	{ "created_by": "String", "creation_date": 42, "expiration_date": 42, "id": 42, "label": "String", "last_used_date": 42, "security_profile_id": 42, "tenant_id": 42, "token": "String", "user_role_id": 42 }

Table 428: POST /config/access/authorized_services response codes

POST /config/access/authorized_services response codes

HTTP Response Code	Unique Code	Description
201		response with the new authorized service structure. Location header set to the URL of the new authorized service.
422	95103001	The label field must be provided.
422	95103002	The security_profile_id field must be provided.
422	95103003	The security_profile_id provided must reference a deployed security profile.
422	95103004	The user_role_id field must be provided.
422	95103005	The user_role_id provided must reference a deployed user role.
422	95103006	The tenant_id provided must reference an existing tenant.
422	95103007	The tenant_id was provided, but the security_profile_id does not limit access to data in that tenant.
422	95103008	The authorized service label must be unique for all authorized services and usernames.
422	95103009	security_profile_id must be set to the Admin security profile when creating an authorized service with the System Administrator permission.
422	95103010	tenant_id must be null when creating an authorized service with a user role that contains the System Administrator permission.
422	95103011	The length of the label field cannot exceed 255 characters.
422	95103012	The expiration_date must expire before the default expiration time if you do not have the Administrator Manager permission.

Table 428: POST /config/access/authorized_services response codes (Continued)

HTTP Response Code	Unique Code	Description
422	95103013	The expiration_date must be set to a time in the future.
422	95103014	The limit for the number of authorized services that a user or authorized service without the Administrator Manager permission is allowed to create has been met by the caller.
422	95103015	The user_role_id must match your own if you do not have the Administrator Manager permission.
422	95103016	The security_profile_id must match your own if you do not have the Administrator Manager permission.
422	95103017	The tenant_id must match your own if you do not have the Administrator Manager permission.

Response Description

- **label** - String - The label of the authorized service. Authorized service labels and usernames must be unique between them. This field is not configurable if the caller does not have the Administrator Manager permission. The label will instead be auto-generated by appending the callers label with a randomly generated UUID.
- **token** - String - The token of this authorized service. The authorized service token is a pre-authorized key. This token can be used in place of a username and password when authentication to the APIs. This field is only available in the response to a POST to the /api/config/access/authorized_services endpoint.
- **tenant_id** - Long - (Optional) The tenant ID of the authorized service. Access a list of tenants using /api/config/access/tenant_management/tenants. When set, this field will restrict the security_profile_id field to ones that are completely contained within the specified tenant. Only callers with the Administrator Manager permission can configure this field. For callers without the Administrator Manager permission, the tenant_id of the authorized service must be the same as the tenant_id of the caller.

- **security_profile_id** - Long - The security profile ID of the authorized service. Access security profiles using `/api/config/security_profiles` API. Only callers with the Administrator Manager permission can configure this field. For callers without the Administrator Manager permission, the `security_profile_id` of the authorized service must be the same as the `security_profile_id` of the caller.
- **user_role_id** - Long - The user role ID of the authorized service. Access user roles using `/api/config/user_roles` API. Only callers with the Administrator Manager permission can configure this field. For callers without the Administrator Manager permission, the `user_role_id` of the authorized service must be the same as the `user_role_id` of the caller.
- **expiration_date** - Long - The time in milliseconds since epoch that this authorized service will expire. This field, if set, must always be set to a time in the future. Only callers with the Administrator Manager permission can set this field to null. If this field is set to null, this authorized service does not expire. A caller who does not have the Administrator Manager permission can only set the `expiration_date` to a value that is less than or equal to the default expiration time described in the main description of this endpoint, and cannot set it to null. If this field is not set, the `expiration_date` is set to the default expiration time. This value will be truncated to seconds.

Response Sample

```
{
  "created_by": "String",
  "creation_date": 42,
  "expiration_date": 42,
  "id": 42,
  "label": "String",
  "last_used_date": 42,
  "security_profile_id": 42,
  "tenant_id": 42,
  "token": "String",
  "user_role_id": 42
}
```

DELETE /config/access/authorized_services/{id}

SUMMARY

Deletes an authorized service.

Any user or authorized service can call this endpoint. If the caller has the Administrator Manager permission, then they can delete any authorized service. If the caller does not have the Administrator Manager permission, then they can only delete authorized services that they've created.

Table 429: DELETE /config/access/authorized_services/{id} resource details

DELETE /config/access/authorized_services/{id} resource details

MIME Type

text/plain

Table 430: DELETE /config/access/authorized_services/{id} request parameter details

DELETE /config/access/authorized_services/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the authorized service to delete.

Table 431: DELETE /config/access/authorized_services/{id} response codes

DELETE /config/access/authorized_services/{id} response codes

HTTP Response Code	Unique Code	Description
403	95105002	Authorized services cannot delete themselves.
404	95105001	The authorized service ID does not exist.

Response Description

Response Sample

GET /config/access/authorized_services/{id}

SUMMARY

Retrieves an authorized service. For security reasons, the token field will never be populated in this endpoint.

To view any authorized service, the caller must have the Administrator Manager permission. Callers without the Administrator Manager permission can only see the authorized services that they've created. An authorized service can see itself and other authorized services it created, but the Administrator Manager permission is needed to see the complete list of authorized services.

Table 432: GET /config/access/authorized_services/{id} resource details

GET /config/access/authorized_services/{id} resource details

MIME Type
application/json

Table 433: GET /config/access/authorized_services/{id} request parameter details

GET /config/access/authorized_services/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the authorized service to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 434: GET /config/access/authorized_services/{id} response codes

GET /config/access/authorized_services/{id} response codes

HTTP Response Code	Unique Code	Description
200		Authorized Service retrieved.
404	95101001	The authorized service ID does not exist.

Response Description

A single Authorized Service structure.

- **id** - Long - The ID of the authorized service. This field is read-only.
- **label** - String - The label of the authorized service. Authorized service labels and users "usernames" must be unique between them.
- **token** - String - The token of this authorized service, generated as a UUID. The authorized service token is a pre-authorized key. This token can be used in place of a username and password when authentication to the APIs. This field is only available in the response to a POST to the /api/config/access/authorized_services endpoint.

- **created_by** - String - The label of the system actor that created this authorized service.
- **tenant_id** - Long - The tenant_id of the current authorized service. Access tenants using /config/access/tenant_management/tenants API.
- **security_profile_id** - Long - The security profile ID of the authorized service. Access deployed user roles under /api/config/security_profiles API.
- **user_role_id** - Long - The user_role_id of the user. Access deployed user roles under /api/config/user_roles API.
- **creation_date** - Long - The time in milliseconds since epoch that this authorized service was created. This field is read-only.
- **expiration_date** - Long - The time in milliseconds since epoch that this authorized service will expire. If this field is null, this authorized service does not expire.
- **last_used_date** - Long - The time in milliseconds since epoch that this authorized service was last used. If this field is null, this authorized service has not been used.

Response Sample

```
{
  "created_by": "String",
  "creation_date": 42,
  "expiration_date": 42,
  "id": 42,
  "label": "String",
  "last_used_date": 42,
  "security_profile_id": 42,
  "tenant_id": 42,
  "token": "String",
  "user_role_id": 42
}
```


POST /config/access/authorized_services/{id}

SUMMARY

Updates an authorized service. Only the label, tenant_id, security_profile_id, user_role_id, and expiration_date fields can be updated.

To view any authorized service, the caller must have the Administrator Manager permission. Callers without the Administrator Manager permission can only see the authorized services that they've created. An authorized service can see itself and other authorized services it created, but the Administrator Manager permission is needed to see the complete list of authorized services.

Only the label, tenant_id, security_profile_id, user_role_id, and expiration_date fields can be set when creating an authorized service. All other fields are ignored.

Table 435: POST /config/access/authorized_services/{id} resource details

POST /config/access/authorized_services/{id} resource details

MIME Type

application/json

Table 436: POST /config/access/authorized_services/{id} request parameter details

POST /config/access/authorized_services/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 436: POST /config/access/authorized_services/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 437: POST /config/access/authorized_services/{id} request body details

POST /config/access/authorized_services/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
authorized_service	Object	application/json	Only the label, tenant_id, security_profile_id, user_role_id, and expiration_date fields can be set when updating an authorized service. All other fields are ignored.	{ "created_by": "String", "creation_date": 42, "expiration_date": 42, "id": 42, "label": "String", "last_used_date": 42, "security_profile_id": 42, "tenant_id": 42, "token": "String", "user_role_id": 42 }

Table 438: POST /config/access/authorized_services/{id} response codes

POST /config/access/authorized_services/{id} response codes

HTTP Response Code	Unique Code	Description
201		Authorized Service updated.
403	95104011	Authorized services cannot update themselves.
404	95104001	The authorized service ID does not exist.

Table 438: POST /config/access/authorized_services/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	95104002	The authorized service security_profile_id provided must exist.
422	95104003	The authorized service user_role_id provided must exist.
422	95104004	The authorized service tenant_id provided must exist.
422	95104005	The tenant_id was provided, but the security_profile_id does not limit access to data in that tenant.
422	95104006	The authorized service label must be unique for all authorized services and users usernames.
422	95104007	If the authorized service is assigned the System Administrator permission, it must also be assigned the Admin security profile.
422	95104008	The authorized service can't be assigned the System Administrator permission, as well as a tenant.
422	95104009	The length of the label field cannot exceed 255 characters.
422	95104010	The expiration date must be between the creation date of the authorized service and the max expiration date from when the service was created.
500	95104012	If there is an unexpected error that occurs.

Response Description

The updated authorized service structure.

- **label** - String - The label of the authorized service. Authorized service labels and usernames must be unique between them.

- **tenant_id** - Long - (Optional) the tenant ID of the authorized service. Access a list of tenants using `/api/config/access/tenant_management/tenants`. When set, this field will restrict the `security_profile_id` field to ones that are completely contained within the specified tenant.
- **security_profile_id** - Long - The security profile ID of the authorized service. Access deployed security profiles using `/api/config/security_profiles` API.
- **user_role_id** - Long - The `user_role_id` of the user. Access deployed user roles using `/api/config/user_roles` API.
- **expiration_date** - Long - The time in milliseconds since epoch that this authorized service will expire. If this field is null, this authorized service does not expire. This field can be set to a time in the past, which will disable the authorized service.

Response Sample

```
{
  "created_by": "String",
  "creation_date": 42,
  "expiration_date": 42,
  "id": 42,
  "label": "String",
  "last_used_date": 42,
  "security_profile_id": 42,
  "tenant_id": 42,
  "token": "String",
  "user_role_id": 42
}
```

GET /config/access/security_profiles

SUMMARY

Get the list of deployed security profiles available in the system.

Get the list of deployed security profiles available in the system. You must have System Administrator or Security Administrator permissions to call this endpoint if you are trying to retrieve a security profile that is not assigned to you. You can retrieve your own security profile without having System Administrator or Security Administrator permissions.

Table 439: GET /config/access/security_profiles resource details

GET /config/access/security_profiles resource details

MIME Type
application/json

Table 440: GET /config/access/security_profiles request parameter details

GET /config/access/security_profiles request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
tenant_id	query	Optional	Number (Integer)	text/plain	If this parameter is provided, the endpoint returns all security profiles associated with domains that are linked to this tenant.
current_security_profile	query	Optional	Boolean	text/plain	If this parameter is provided, the endpoint will return just the security profile associated with the current user. This filter only changes the behaviour of the endpoint for users with the System Administrator or Security Administrator permissions.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 440: GET /config/access/security_profiles request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 441: GET /config/access/security_profiles response codes

GET /config/access/security_profiles response codes

HTTP Response Code	Unique Code	Description
200		A list of the deployed security profiles.
422	38330001	Tenant ID does not exist.

Response Description

A list of the deployed security profiles.

- **id** - Long - The ID of the security profile. The ID of the staged and the ID of the same deployed user are the same.
- **name** - String - The name of the security profile.

- **domain_ids** - Array of Integers - The list of domain IDs which are assigned to the security profile. If there is no domain ID assigned to the security profile, an empty list is returned. Access Domains using `/config/domain_management/domains` API.

Response Sample

```
[
  {
    "domain_ids": [
      42
    ],
    "id": 42,
    "name": "String"
  }
]
```

GET /config/access/security_profiles/{id}

SUMMARY

Get a deployed security profile by ID.

Get a deployed security profile by ID. You must have System Administrator or Security Administrator permissions to call this endpoint if you are trying to retrieve a security profile that is not assigned to you. You can retrieve your own security profile without having System Administrator or Security Administrator permissions.

Table 442: GET /config/access/security_profiles/{id} resource details

GET /config/access/security_profiles/{id} resource details

MIME Type

application/json

Table 443: GET /config/access/security_profiles/{id} request parameter details

GET /config/access/security_profiles/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the security profile to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 444: GET /config/access/security_profiles/{id} response codes

GET /config/access/security_profiles/{id} response codes

HTTP Response Code	Unique Code	Description
200		The deployed security profile was retrieved.
404	38331001	The security profile ID does not exist.

Response Description

A single deployed security profile.

- **id** - Long - The ID of the security profile. The ID of the staged and the ID of the same deployed user are the same.
- **name** - String - The name of the security profile.
- **domain_ids** - Array of Integers - The list of domain IDs which are assigned to the security profile. If there is no domain ID assigned to the security profile, an empty list is returned. Access Domains using `/config/domain_management/domains` API.

Response Sample

```
{
  "domain_ids": [
    42
  ],
  "id": 42,
  "name": "String"
}
```

GET /config/access/tenant_management/tenants

SUMMARY

Retrieve the list of all tenants ordered by tenant id.

Retrieve the list of all tenants. The list is ordered by tenant id. You must have the System Administrator or Security Administrator permissions to call this endpoint.

Table 445: GET /config/access/tenant_management/tenants resource details

GET /config/access/tenant_management/tenants resource details

MIME Type

application/json

Table 446: GET /config/access/tenant_management/tenants request parameter details

GET /config/access/tenant_management/tenants request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 447: GET /config/access/tenant_management/tenants response codes

GET /config/access/tenant_management/tenants response codes

HTTP Response Code	Unique Code	Description
200		The tenant list was successfully retrieved.

Table 447: GET /config/access/tenant_management/tenants response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred while the tenant list was being retrieved.

Response Description

A list of all the tenants.

- **id** - Integer - The ID of the tenant.
- **name** - String - The name of the tenant.
- **description** - String - The description of the tenant.
- **event_rate_limit** - Integer - The event rate limit that is assigned to the tenant.
- **flow_rate_limit** - Integer - The flow rate limit that is assigned to the tenant.
- **deleted** - Boolean - Whether or not the tenant has been deleted. Will be true if the tenant has been deleted, and false if it is still active.

Response Sample

```
[
  {
    "deleted": true,
    "description": "String",
    "event_rate_limit": 42,
    "flow_rate_limit": 42,
    "id": 42,
    "name": "String"
  }
]
```

POST /config/access/tenant_management/tenants

SUMMARY

Create a new tenant.

Creates a new tenant. You must have the System Administrator or Security Administrator permissions to call this endpoint.

Table 448: POST /config/access/tenant_management/tenants resource details

POST /config/access/tenant_management/tenants resource details

MIME Type

application/json

Table 449: POST /config/access/tenant_management/tenants request parameter details

POST /config/access/tenant_management/tenants request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 450: POST /config/access/tenant_management/tenants request body details

POST /config/access/tenant_management/tenants request body details

Parameter	Data Type	MIME Type	Description	Sample
tenant	Object	application/json	<p>Required - Tenant - includes name, event_rate_limit (unit eps), flow_rate_limit (unit fpm) and description</p> <ul style="list-style-type: none"> • name - String - The new name for the tenant. • description - String - The new description for the tenant. • event_rate_limit - Integer - The new event rate (per second) for the tenant. • flow_rate_limit - Integer - The new flow rate (per minute) for the tenant. 	<pre>{ "deleted": true, "description": "String", "event_rate_limit": 42, "flow_rate_limit": 42, "name": "String" }</pre>

Table 451: POST /config/access/tenant_management/tenants response codes

POST /config/access/tenant_management/tenants response codes

HTTP Response Code	Unique Code	Description
201		A new tenant was created successfully and returned the new tenant object.
409	1004	A tenant with the given name already exists.
422	1005	A request parameter is invalid.
500	1020	Failed to create the tenant.

Response Description

a created tenant object

- **id** - Integer - The ID of the tenant.
- **name** - String - The name of the tenant.
- **description** - String - The description of the tenant.
- **event_rate_limit** - Integer - The event rate limit that is assigned to the tenant.
- **flow_rate_limit** - Integer - The flow rate limit that is assigned to the tenant.
- **deleted** - Boolean - Whether or not the tenant has been deleted. Will be true if the tenant has been deleted, and false if it is still active.

Response Sample

```
{
  "deleted": true,
  "description": "String",
  "event_rate_limit": 42,
  "flow_rate_limit": 42,
  "id": 42,
  "name": "String"
}
```

DELETE /config/access/tenant_management/tenants/{tenant_id}

SUMMARY

Delete a tenant.

Deletes a tenant by tenant ID. You must have the System Administrator or Security Administrator permissions to call this endpoint.

Table 452: DELETE /config/access/tenant_management/tenants/{tenant_id} resource details

DELETE /config/access/tenant_management/tenants/{tenant_id} resource details

MIME Type
application/json

Table 453: DELETE /config/access/tenant_management/tenants/{tenant_id} request parameter details

DELETE /config/access/tenant_management/tenants/{tenant_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
tenant_id	path	Required	Number (Integer)	text/plain	Required - String - The ID of the tenant that is being deleted.

Table 454: DELETE /config/access/tenant_management/tenants/{tenant_id} response codes

DELETE /config/access/tenant_management/tenants/{tenant_id} response codes

HTTP Response Code	Unique Code	Description
200		The tenant was successfully deleted.
404	1002	The tenant does not exist.
422	1003	The tenant cannot be deleted while there are domains assigned to it.
422	1010	The tenant cannot be deleted because it is assigned to deployed actors.
422	1011	The tenant cannot be deleted because it is assigned to staged actors.

Table 454: DELETE /config/access/tenant_management/tenants/{tenant_id} response codes
(Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred while deleting tenant.

Response Description

The deleted tenant object with its parameter *deleted* set to `true`

- **id** - Integer - The ID of the tenant.
- **name** - String - The name of the tenant.
- **description** - String - The description of the tenant.
- **event_rate_limit** - Integer - The event rate limit that is assigned to the tenant.
- **flow_rate_limit** - Integer - The flow rate limit that is assigned to the tenant.
- **deleted** - Boolean - Whether or not the tenant has been deleted. Will be true if the tenant has been deleted, and false if it is still active.

Response Sample

```
{
  "deleted": true,
  "description": "String",
  "event_rate_limit": 42,
  "flow_rate_limit": 42,
  "id": 42,
  "name": "String"
}
```


GET /config/access/tenant_management/tenants/{tenant_id}

SUMMARY

Retrieve a tenant by tenant id.

Retrieve a tenant by tenant ID. You must have the System Administrator or Security Administrator permissions to call this endpoint.

Table 455: GET /config/access/tenant_management/tenants/{tenant_id} resource details

GET /config/access/tenant_management/tenants/{tenant_id} resource details

MIME Type

application/json

Table 456: GET /config/access/tenant_management/tenants/{tenant_id} request parameter details

GET /config/access/tenant_management/tenants/{tenant_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
tenant_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 457: GET /config/access/tenant_management/tenants/{tenant_id} response codes

GET /config/access/tenant_management/tenants/{tenant_id} response codes

HTTP Response Code	Unique Code	Description
200		The tenant was successfully retrieved.
404	1002	No tenant was found for the provided tenant id.
500	1020	An error occurred while the tenant was being retrieved.

Response Description

A single tenant object.

- **id** - Integer - The ID of the tenant.
- **name** - String - The name of the tenant.
- **description** - String - The description of the tenant.
- **event_rate_limit** - Integer - The event rate limit that is assigned to the tenant.
- **flow_rate_limit** - Integer - The flow rate limit that is assigned to the tenant.
- **deleted** - Boolean - Whether or not the tenant has been deleted. Will be true if the tenant has been deleted, and false if it is still active.

Response Sample

```
{
  "deleted": true,
  "description": "String",
  "event_rate_limit": 42,
  "flow_rate_limit": 42,
  "id": 42,
  "name": "String"
}
```

POST /config/access/tenant_management/tenants/{tenant_id}

SUMMARY

Update a tenant

Updates an existing tenant. You must have the System Administrator or Security Administrator permissions to call this endpoint.

Table 458: POST /config/access/tenant_management/tenants/{tenant_id} resource details

POST /config/access/tenant_management/tenants/{tenant_id} resource details

MIME Type

application/json

Table 459: POST /config/access/tenant_management/tenants/{tenant_id} request parameter details

POST /config/access/tenant_management/tenants/{tenant_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
tenant_id	path	Required	Number (Integer)	text/plain	Required - Integer - the tenant id to modify <ul style="list-style-type: none"> tenant_id - Long - The ID of the tenant being updated.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 460: POST /config/access/tenant_management/tenants/{tenant_id} request body details

POST /config/access/tenant_management/tenants/{tenant_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
tenant	Object	application/json	Required - Tenant - includes name, event_rate_limit (unit eps), flow_rate_limit (unit fpm) and description <ul style="list-style-type: none"> • name - String - The new name for the tenant. • description - String - The new description for the tenant. • event_rate_limit - Integer - The new event rate (per second) for the tenant. • flow_rate_limit - Integer - The new flow rate (per minute) for the tenant. 	{ "deleted": true, "description": "String", "event_rate_limit": 42, "flow_rate_limit": 42, "name": "String" }

Table 461: POST /config/access/tenant_management/tenants/{tenant_id} response codes

POST /config/access/tenant_management/tenants/{tenant_id} response codes

HTTP Response Code	Unique Code	Description
200		A tenant profile that was updated successfully and returned the updated tenant object.
404	1002	The tenant profile does not exist.
409	1004	A tenant with the given name already exists.
422	1005	A request parameter is invalid.
500	1020	Failed to retrieve/update the given tenant profile.

Response Description

The updated tenant object.

- **id** - Integer - The ID of the tenant.
- **name** - String - The name of the tenant.
- **description** - String - The description of the tenant.
- **event_rate_limit** - Integer - The event rate limit that is assigned to the tenant.
- **flow_rate_limit** - Integer - The flow rate limit that is assigned to the tenant.
- **deleted** - Boolean - Whether or not the tenant has been deleted. Will be true if the tenant has been deleted, and false if it is still active.

Response Sample

```
{
  "deleted": true,
  "description": "String",
  "event_rate_limit": 42,
  "flow_rate_limit": 42,
  "id": 42,
  "name": "String"
}
```

GET /config/access/user_dependent_tasks/{task_id}

SUMMARY

Retrieves the dependent user task status.

Retrieves the dependent user task status.

Table 462: GET /config/access/user_dependent_tasks/{task_id} resource details

GET /config/access/user_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 463: GET /config/access/user_dependent_tasks/{task_id} request parameter details

GET /config/access/user_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 464: GET /config/access/user_dependent_tasks/{task_id} response codes

GET /config/access/user_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status was retrieved.
404	1002	The Delete Task Status does not exist.

Table 464: GET /config/access/user_dependent_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the Delete Task Status.

Response Description

A Dependent Task Status object and the location header set to the task status url "/api/config/access/user_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. Value is null until task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state the sub-task is in.

- **sub_task_type** - String - The type of the sub-task.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.
- **created** - Long - The time in milliseconds since epoch since the sub-task was created.
- **started** - Long - The time in milliseconds since epoch since the sub-task was started.
- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
```



```

    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /config/access/user_dependent_tasks/{task_id}

SUMMARY

Cancels a dependent user task.

Cancels a dependent user task.

Table 465: POST /config/access/user_dependent_tasks/{task_id} resource details

POST /config/access/user_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 466: POST /config/access/user_dependent_tasks/{task_id} request parameter details

POST /config/access/user_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 467: POST /config/access/user_dependent_tasks/{task_id} request body details

POST /config/access/user_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/ json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 468: POST /config/access/user_dependent_tasks/{task_id} response codes

POST /config/access/user_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Dependent Task Status was retrieved.
404	1002	The Dependent Task Status does not exist.

Table 468: POST /config/access/user_dependent_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the Dependent Task Status.

Response Description

A Dependent Task Status object and the location header set to the task status url `"/api/config/access/user_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state that the task is in.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.

- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state the sub-task is in.
 - **sub_task_type** - String - The type of the sub-task.
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
```

```

    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

GET /config/access/user_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the user dependent task results.

Retrieves the user dependent task results.

Table 469: GET /config/access/user_dependent_tasks/{task_id}/results resource details

GET /config/access/user_dependent_tasks/{task_id}/results resource details

MIME Type

application/json

Table 470: GET /config/access/user_dependent_tasks/{task_id}/results request parameter details

GET /config/access/user_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 471: GET /config/access/user_dependent_tasks/{task_id}/results response codes

GET /config/access/user_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The User Dependents were retrieved.
404	1002	The Dependent Task Status does not exist.
500	1020	An error occurred during the attempt to retrieve the Users.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource.
- **dependent_type** - String - The type of the dependent resource.
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
```

```

EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /config/access/user_roles

SUMMARY

Get the list of deployed user roles available in the system.

Get the list of deployed user roles available in the system. The ADMIN or SAASADMIN capabilities are required to call this endpoint.

Table 472: GET /config/access/user_roles resource details

GET /config/access/user_roles resource details

MIME Type

application/json

Table 473: GET /config/access/user_roles request parameter details

GET /config/access/user_roles request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
contains	query	Optional	String	text/plain	null
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 474: GET /config/access/user_roles response codes

GET /config/access/user_roles response codes

HTTP Response Code	Unique Code	Description
200		A list of the deployed user roles.
500	1020	An unexpected error has occurred.

Response Description

Returns an array of user roles.

- **id** - Long - The ID of the User Role. The ID of the staged and the ID of the same deployed user are the same.
- **name** - String - The name of the User Role.

Response Sample

```
[
  {
    "id": 42,
    "name": "String"
  }
]
```

GET /config/access/user_roles/{id}

SUMMARY

Get a deployed user role by ID.

Get a deployed user role by ID. The ADMIN or SAASADMIN capabilities are required to call this endpoint.

Table 475: GET /config/access/user_roles/{id} resource details

GET /config/access/user_roles/{id} resource details

MIME Type

application/json

Table 476: GET /config/access/user_roles/{id} request parameter details

GET /config/access/user_roles/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the staged user role to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 477: GET /config/access/user_roles/{id} response codes

GET /config/access/user_roles/{id} response codes

HTTP Response Code	Unique Code	Description
200		The staged user role was retrieved.
404	38341001	The user role id does not exist.

Response Description

A single deployed User Role.

- **id** - Long - The ID of the user role.

- **name** - String - The name of the user role.

Response Sample

```
{
  "id": 42,
  "name": "String"
}
```

GET /config/access/users

SUMMARY

Retrieve Deployed Users.

Retrieves a list of all deployed users. The deployed configuration is the active configuration. This endpoint is available to be called by every user or authorized service. If called by a user or authorized service with the ADMIN capability, all deployed users will be returned. If called by a user or authorized service with the SAASADMIN capability, all deployed users without the ADMIN capability will be returned. If called by anyone else, only the deployed user for the current user will be returned.

Table 478: GET /config/access/users resource details

GET /config/access/users resource details

MIME Type

application/json

Table 479: GET /config/access/users request parameter details

GET /config/access/users request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
current_user	query	Optional	Boolean	text/plain	Only return the caller's user. If called with an authorized service no user will be returned.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 480: GET /config/access/users response codes

GET /config/access/users response codes

HTTP Response Code	Unique Code	Description
200		The deployed users were retrieved.

Table 480: GET /config/access/users response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	38314001	Field in sort parameter does not exist.
422	38314002	Sorting not supported on field in sort parameter.

Response Description

Returns an array of user structures.

- **id** - Long - The ID of the user. The ID of the staged user and the ID of the same deployed user are the same. This field is read only.
- **username** - String - The username of the user. This field is read only.
- **email** - String - The email of the user.
- **description** - String - The description of the user. This field is only modifiable in the staged configuration.
- **user_role_id** - Long - The user_role_id of the user. This field is only modifiable in the staged configuration. Access staged user roles using /api/staged_config/user_roles API, and deployed user roles under /api/config/user_roles API.
- **security_profile_id** - Long - The security_profile_id of the user. This field is only modifiable in the staged configuration. Access staged security profiles using /api/staged_config/security_profiles API, and deployed user roles under /api/config/security_profiles API.
- **locale_id** - String - The locale_id of the user. Access locales using /system/information/locales API.
- **enable_popup_notifications** - Boolean - Indicates if popup system notifications are enabled for this user.
- **old_password** - String - This field will always be null when returned in a response. Required to be set to the current password when a user is changing their own system password.
- **password** - String - This field will always be null when returned in a response. Set to the new password when a user is changing their own system password.

- **password_creation_time** - Long - The time in milliseconds since epoch when the current password was created. Combined with the password_expiry_interval from the /system/authorization/password_policies API to calculate when the password expires.
- **tenant_id** - Long - The tenant_id of the current user. This field is only modifiable in the staged configuration. Access tenants using /config/access/tenant_management/tenants API.
- **allow_system_authentication_fallback** - Boolean - Allow system authentication fallback for this user when external authentication is configured. Has no effect if system authentication is configured.
- **inactivity_timeout** - Long - The inactivity timeout (in milliseconds), truncated to minutes. Set to 0 if a user should not be logged out after being inactive.

Response Sample

```
[
  {
    "allow_system_authentication_fallback": true,
    "description": "String",
    "email": "String",
    "enable_popup_notifications": true,
    "id": 42,
    "inactivity_timeout": 42,
    "locale_id": "String",
    "old_password": "String",
    "password": "String",
    "password_creation_time": 42,
    "security_profile_id": 42,
    "tenant_id": 42,
    "user_role_id": 42,
    "username": "String"
  }
]
```

GET /config/access/users/{id}

SUMMARY

Retrieves a deployed user.

Retrieves a deployed user. The deployed configuration is the active configuration. This endpoint is available to be called by every user or authorized service. If called by a user or authorized service with the ADMIN capability, any deployed user could be returned. If called by a user or authorized service with the SAASADMIN capability, any deployed user without the ADMIN capability could be returned. If called by anyone else, only the deployed user for the current user could be returned.

Table 481: GET /config/access/users/{id} resource details

GET /config/access/users/{id} resource details

MIME Type

application/json

Table 482: GET /config/access/users/{id} request parameter details

GET /config/access/users/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the deployed user to return.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 483: GET /config/access/users/{id} response codes

GET /config/access/users/{id} response codes

HTTP Response Code	Unique Code	Description
200		The deployed user was retrieved.
404	38310001	The deployed user does not exist.

Response Description

A single user structure.

- **id** - Long - The ID of the user. The ID of the staged user and the ID of the same deployed user are the same. This field is read only.
- **username** - String - The username of the user. This field is read only.
- **email** - String - The email of the user.
- **description** - String - The description of the user. This field is only modifiable in the staged configuration.
- **user_role_id** - Long - The user_role_id of the user. This field is only modifiable in the staged configuration. Access staged user roles using /api/staged_config/user_roles API, and deployed user roles under /api/config/user_roles API.
- **security_profile_id** - Long - The security_profile_id of the user. This field is only modifiable in the staged configuration. Access staged security profiles using /api/staged_config/security_profiles API, and deployed user roles under /api/config/security_profiles API.
- **locale_id** - String - The locale_id of the user. Access locales using /system/information/locales API.
- **enable_popup_notifications** - Boolean - Indicates if popup system notifications are enabled for this user.
- **old_password** - String - This field will always be null when returned in a response. Required to be set to the current password when a user is changing their own system password.
- **password** - String - This field will always be null when returned in a response. Set to the new password when a user is changing their own system password.

- **password_creation_time** - Long - The time in milliseconds since epoch when the current password was created. Combined with the password_expiry_interval from the /system/authorization/password_policies API to calculate when the password expires.
- **tenant_id** - Long - The tenant_id of the current user. This field is only modifiable in the staged configuration. Access tenants using /config/access/tenant_management/tenants API.
- **allow_system_authentication_fallback** - Boolean - Allow system authentication fallback for this user when external authentication is configured. Has no effect if system authentication is configured.
- **inactivity_timeout** - Long - The inactivity timeout (in milliseconds), truncated to minutes. Set to 0 if a user should not be logged out after being inactive.

Response Sample

```
{
  "allow_system_authentication_fallback": true,
  "description": "String",
  "email": "String",
  "enable_popup_notifications": true,
  "id": 42,
  "inactivity_timeout": 42,
  "locale_id": "String",
  "old_password": "String",
  "password": "String",
  "password_creation_time": 42,
  "security_profile_id": 42,
  "tenant_id": 42,
  "user_role_id": 42,
  "username": "String"
}
```

POST /config/access/users/{id}

SUMMARY

Update a deployed user.

Update a deployed user. The deployed configuration is the active configuration. This endpoint is used to update user preferences. Changes to user preferences are not staged and take effect immediately. To modify all other settings see the POST /api/staged_config/users/{user_id} endpoint. This endpoint is available to be called by every user or authorized service. Users or authorized services with the ADMINMANAGER can update any deployed user. Users or authorized service with the ADMIN or SAASADMIN capability can update any deployed user with a user role that does not contain the ADMIN capability. If called by anyone else, only the deployed user for the calling user can be updated. ADMIN capability is required to update allow_system_authentication_fallback field. No user can update the allow_system_authentication_fallback for their own user.

Table 484: POST /config/access/users/{id} resource details

POST /config/access/users/{id} resource details

MIME Type

application/json

Table 485: POST /config/access/users/{id} request parameter details

POST /config/access/users/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the deployed user to update.

Table 485: POST /config/access/users/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 486: POST /config/access/users/{id} request body details

POST /config/access/users/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>The updated deployed user. Only email, locale_id, enable_popup_notifications, allow_system_authentication_fallback, inactivity_timeout, old_password and password fields on the deployed user are modifiable. All other fields are ignored.</p> <ul style="list-style-type: none"> • email - String - The email address of the user. • locale_id - String - The locale of the user. If this locale is set, this locale is always used for requests as the user. If this locale is not set, the locale provided in each HTTP request is used for requests as the user. If this locale is not set and no locale is in the request, JSA falls back to the en_US locale for requests as the user. The list of valid locales are accessible through the /system/information/locales API. • enable_popup_notifications - Boolean - Indicates if popup system notifications are enabled for this user. • old_password - String - The current password for the user. Required when a user is changing the password for their own user. Must not be set 	<pre>{ "allow_system_authentication_fallback": true, "description": "String", "email": "String", "enable_popup_notifications": true, "id": 42, "inactivity_timeout": 42, "locale_id": "String", "old_password": "String", "password": "String", "password_creation_time": 42, "security_profile_id": 42, "tenant_id": 42, "user_role_id": 42, "username": "String" }</pre>

Table 486: POST /config/access/users/{id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>when changing the password of a user that is not the caller's own user.</p> <ul style="list-style-type: none"> • password - String - The new password for the user. If set, it must pass the password policy. Can only be set if JSA is configured using system authentication or the user has the ADMIN capability. • allow_system_authentication_fallback - Boolean - Allow system authentication fallback for this user when external authentication is configured. Has no effect if system authentication is configured. • inactivity_timeout - Long - The inactivity timeout (in milliseconds), truncated to minutes. Set to 0 if a user should not be logged out after being inactive. 	

Table 487: POST /config/access/users/{id} response codes

POST /config/access/users/{id} response codes

HTTP Response Code	Unique Code	Description
200		The deployed user was updated.

Table 487: POST /config/access/users/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
403	38311002	ADMINMANAGER capability required to update a deployed user with a user role that contains the ADMIN capability.
403	38311012	Users are forbidden to update their own inactivity_timeout or allow_system_authentication_fallback.
403	38311011	ADMIN capability required to update allow_system_authentication_fallback field.
403	38311014	ADMIN capability required to update inactivity_timeout field. *
404	38311001	The deployed user does not exist.
409	38311013	Cannot set allow_system_authentication_fallback to true when system authentication fallback is globally disabled.
422	38311003	email field cannot contain more than 255 characters.
422	38311004	email field must contain exactly one @ symbol, with at least one character before and after the @ symbol, and no whitespace characters.
422	38311005	Provided locale_id must contain a valid locale.
422	38311006	old_password must be set when changing the caller's password.
422	38311007	old_password must not be set when changing a user password that is not the caller's user.
422	38311008	old_password does not match the user's password.

Table 487: POST /config/access/users/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	38311009	password field cannot be set when allow_system_authentication_fallback is false and system authentication is not configured.
422	38311010	password does not match the password policy.

Response Description

The updated deployed user structure.

- **id** - Long - The ID of the user. The ID of the staged user and the ID of the same deployed user are the same. This field is read only.
- **username** - String - The username of the user. This field is read only.
- **email** - String - The email of the user.
- **description** - String - The description of the user. This field is only modifiable in the staged configuration.
- **user_role_id** - Long - The user_role_id of the user. This field is only modifiable in the staged configuration. Access staged user roles using /api/staged_config/user_roles API, and deployed user roles under /api/config/user_roles API.
- **security_profile_id** - Long - The security_profile_id of the user. This field is only modifiable in the staged configuration. Access staged security profiles using /api/staged_config/security_profiles API, and deployed user roles under /api/config/security_profiles API.
- **locale_id** - String - The locale_id of the user. Access locales using /system/information/locales API.
- **enable_popup_notifications** - Boolean - Indicates if popup system notifications are enabled for this user.
- **old_password** - String - This field will always be null when returned in a response. Required to be set to the current password when a user is changing their own system password. This field is not required to be set when the user currently does not have a system password and they are setting it for the first time.

- **password** - String - This field will always be null when returned in a response. Set to the new password when a user is changing their own system password.
- **password_creation_time** - Long - The time in milliseconds since epoch when the current password was created. Combined with the `password_expiry_interval` from the `/system/authorization/password_policies` API to calculate when the password expires.
- **tenant_id** - Long - The `tenant_id` of the current user. This field is only modifiable in the staged configuration. Access tenants using `/config/access/tenant_management/tenants` API.
- **allow_system_authentication_fallback** - Boolean - Allow system authentication fallback for this user when external authentication is configured. Has no effect if system authentication is configured.
- **inactivity_timeout** - Long - The inactivity timeout (in milliseconds), truncated to minutes. Set to 0 if a user should not be logged out after being inactive.

Response Sample

```
{
  "allow_system_authentication_fallback": true,
  "description": "String",
  "email": "String",
  "enable_popup_notifications": true,
  "id": 42,
  "inactivity_timeout": 42,
  "locale_id": "String",
  "old_password": "String",
  "password": "String",
  "password_creation_time": 42,
  "security_profile_id": 42,
  "tenant_id": 42,
  "user_role_id": 42,
  "username": "String"
}
```

GET /config/access/users/{id}/dependents

SUMMARY

Retrieves the objects that depend on the user.

Retrieves the objects that depend on the user.

Table 488: GET /config/access/users/{id}/dependents resource details

GET /config/access/users/{id}/dependents resource details

MIME Type

application/json

Table 489: GET /config/access/users/{id}/dependents request parameter details

GET /config/access/users/{id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 490: GET /config/access/users/{id}/dependents response codes

GET /config/access/users/{id}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The User dependents retrieval was accepted and is in progress.
404	1002	The User does not exist.
500	1020	An error occurred during the attempt to initiate the User dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status url `"/api/config/access/user_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested cancellation of the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. Value is null until task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields

- **message** - String - The localized sub-task status message.
- **status** - String - The current state of the sub-task.
- **sub_task_type** - String - The type of the sub-task
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.
- **created** - Long - The time in milliseconds since epoch since the sub-task was created.
- **started** - Long - The time in milliseconds since epoch since the sub-task was started.
- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
```

```

    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

GET /config/backup_and_restore/scheduled_backup_configurations

SUMMARY

Retrieves a list of Backup Configurations.

Retrieves a list of Backup Configurations.

Table 491: GET /config/backup_and_restore/scheduled_backup_configurations resource details

GET /config/backup_and_restore/scheduled_backup_configurations resource details

MIME Type

application/json

Table 492: GET /config/backup_and_restore/scheduled_backup_configurations request parameter details

GET /config/backup_and_restore/scheduled_backup_configurations request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 493: GET /config/backup_and_restore/scheduled_backup_configurations response codes

GET /config/backup_and_restore/scheduled_backup_configurations response codes

HTTP Response Code	Unique Code	Description
200		The list of Backup Configurations was retrieved.
500	1000	An error occurred during the attempt to retrieve the list of Backup Configurations.

Response Description

A list of Backup Configuration objects containing the following fields:

- **configuration_id** - Long - The ID for the backup configuration.
- **backup_directory_path** - String - The file path for the backup archives folder. The default location is /store/backup. This path must exist before the backup process is initiated. If this path does not exist, the backup process aborts.
- **backup_retention_period** - Long - The backup retention period in milliseconds. This value will only have a granularity of days, and will be truncated.

- **data_backup_host_configuration** - Array[DataBackupHostConfiguration] - The hosts in the deployment that are configured for data backup. Each host can be configured to enable data backups for events, flows or both. The information for each host is as follows: host_id: The Id for the host. event_data_backup_enabled: Indicates whether event data backup is enabled for this host. flow_data_backup_enabled: Indicates whether flow data backup is enabled for this host.
- **configuration_backup_enabled** - Boolean - Indicates whether configuration backups are enabled. Setting this field false will keep the deployment configuration from being backed up.
- **data_backup_priority** - Enum - The priority (LOW, MEDIUM, HIGH) for the data backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup.
- **configuration_backup_priority** - Enum - The priority (LOW, MEDIUM, HIGH) for the config backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup.
- **data_backup_time_limit** - Long - The time limit for the data backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using $\text{milliseconds} = \text{minutes} / 60000$.
- **configuration_backup_time_limit** - Long - The time limit for the configuration backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using $\text{milliseconds} = \text{minutes} / 60000$.

Response Sample

```
[
  {
    "backup_directory_path": "String",
    "backup_retention_period": 42,
    "configuration_backup_enabled": true,
    "configuration_backup_priority": "String <one of: LOW, MEDIUM, HIGH>",
    "configuration_backup_time_limit": 42,
    "configuration_id": 42,
    "data_backup_host_configuration": [
      {
        "event_data_backup_enabled": true,
        "flow_data_backup_enabled": true,
        "host_id": 42
      }
    ]
  }
]
```

```

    ],
    "data_backup_priority": "String <one of: LOW, MEDIUM, HIGH>",
    "data_backup_time_limit": 42
  }
]

```

GET /config/backup_and_restore/scheduled_backup_configurations/{id}

SUMMARY

Retrieves a Backup Configuration by ID.

Retrieves a Backup Configuration by ID.

Table 494: GET /config/backup_and_restore/scheduled_backup_configurations/{id} resource details

GET /config/backup_and_restore/scheduled_backup_configurations/{id} resource details

MIME Type

application/json

Table 495: GET /config/backup_and_restore/scheduled_backup_configurations/{id} request parameter details

GET /config/backup_and_restore/scheduled_backup_configurations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID for the Backup Configuration to get.

Table 495: GET /config/backup_and_restore/scheduled_backup_configurations/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 496: GET /config/backup_and_restore/scheduled_backup_configurations/{id} response codes

GET /config/backup_and_restore/scheduled_backup_configurations/{id} response codes

HTTP Response Code	Unique Code	Description
200		A Backup Configuration was retrieved.
404	1001	The Resource that was requested by the provided ID does not exist.
500	1000	An error occurred during the attempt to retrieve the Backup Configuration.

Response Description

The Configuration object containing the following fields:

- **configuration_id** - Long - The ID for the backup configuration.
- **backup_directory_path** - String - The file path for the backup archives folder. The default location is /store/backup. This path must exist before the backup process is initiated. If this path does not exist, the backup process aborts.

- **backup_retention_period** - Long - The backup retention period in milliseconds. This value will only have a granularity of days, and will be truncated.
- **data_backup_host_configuration** - Array[DataBackupHostConfiguration] - The hosts in the deployment that are configured for data backup. Each host can be configured to enable data backups for events, flows or both. The information for each host is as follows: `host_id`: The Id for the host. `event_data_backup_enabled`: Indicates whether event data backup is enabled for this host. `flow_data_backup_enabled`: Indicates whether flow data backup is enabled for this host.
- **configuration_backup_enabled** - Boolean - Indicates whether configuration backups are enabled. Setting this field false will keep the deployment configuration from being backed up.
- **data_backup_priority** - Enum - The priority (LOW, MEDIUM, HIGH) for the data backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup.
- **configuration_backup_priority** - Enum - The priority (LOW, MEDIUM, HIGH) for the config backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup.
- **data_backup_time_limit** - Long - The time limit for the data backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using $\text{milliseconds} = \text{minutes} / 60000$.
- **configuration_backup_time_limit** - Long - The time limit for the configuration backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using $\text{milliseconds} = \text{minutes} / 60000$.

Response Sample

```
{
  "backup_directory_path": "String",
  "backup_retention_period": 42,
  "configuration_backup_enabled": true,
  "configuration_backup_priority": "String <one of: LOW, MEDIUM, HIGH>",
  "configuration_backup_time_limit": 42,
  "configuration_id": 42,
  "data_backup_host_configuration": [
    {
      "event_data_backup_enabled": true,
      "flow_data_backup_enabled": true,

```

```

        "host_id": 42
      }
    ],
    "data_backup_priority": "String <one of: LOW, MEDIUM, HIGH>",
    "data_backup_time_limit": 42
  }

```

GET /config/certificates/components

SUMMARY

Gets the list of registered components.

Gets the list of registered component names, paired with the component ID.

You must have System Administrator, Security Administrator, Manage Log Sources, or WinCollect permissions to use this endpoint.

Table 497: GET /config/certificates/components resource details

GET /config/certificates/components resource details

MIME Type

application/json

Table 498: GET /config/certificates/components request parameter details

GET /config/certificates/components request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 498: GET /config/certificates/components request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 499: GET /config/certificates/components response codes

GET /config/certificates/components response codes

HTTP Response Code	Unique Code	Description
200		Component list.
422	1101	filter criteria defined is invalid.
422	1020	propagates IO exception.

Response Description

An array of the components.

- **id** - The registered component ID.
- **name** - The name of the component.

Response Sample

```
[
  {
    "id": 42,
    "name": "String"
  }
]
```

GET /config/certificates/end_certificates

SUMMARY

Gets the list of deployed certificates.

Gets the list of all certificates that are uploaded and deployed.

You must have System Administrator, Security Administrator, Manage Log Sources, or WinCollect permissions to use this endpoint.

Table 500: GET /config/certificates/end_certificates resource details

GET /config/certificates/end_certificates resource details

MIME Type

application/json

Table 501: GET /config/certificates/end_certificates request parameter details

GET /config/certificates/end_certificates request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 502: GET /config/certificates/end_certificates response codes

GET /config/certificates/end_certificates response codes

HTTP Response Code	Unique Code	Description
200		An array of the certificate resources.

Table 502: GET /config/certificates/end_certificates response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	1020	null
422	1101	null
500	2035	null

Response Description

A list of end certificate resources that are uploaded and deployed. The list is filtered based on the user permissions. Users with System Administrator or Security Administrator permissions can see all certificates that are in the system. Other administrative users can see the certificates that are mapped to the component for which they have permissions. For example, users who have the Log Source Manage permission can see only the certificates that apply to the Log Source component.

Non-administrative users see only the certificate name and ID. All other fields appear as 'null'.

The certificate object has the following fields:

- **id** - Certificate resource ID.
- **name** - A unique name that identifies the certificate.
- **purpose** - The intended use of the certificate.
- **status** - Indicates the status of the certificate upload process. The status values are DEPLOYED and DELETE_PENDING.
- **subject** - Returns information about the subject of the certificate.
- **issuer** - Returns information about the issuer of the certificate.
- **expiry** - Returns the "Validity Not After" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **password** - Password that is used to encrypt the private key. This value is always null in the response.
- **component_id** - Returns the assigned component ID of the certificate.

- **validation** - Returns the code to indicate whether the certificate is valid. If not, it returns the reason that the certificate is not valid.
 - -1 - The certificate has not been validated.
 - 0 - The certificate is valid or has not been checked.
 - 2001 - Error parsing a certificate.
 - 2002 - Error decoding a certificate.
 - 2003 - The certificate is expired.
 - 2004 - The certificate is not yet valid.
 - 2005 - The certificate is revoked.
 - 2010 - An unexpected error occurred when processing a certificate.
 - 2011 - Error finding the issuer certificates.
 - 2012 - The certificate's key usage or extended key usage does not match its purpose.
 - 2013 - Error validating the full chain of the certificate.
 - 2014 - The certificate is an invalid self-signed certificate.
 - 2020 - The CRL is invalid.
 - 2030 - Unexpected error when processing the CRL.
 - 2031 - Error finding the issuer certificates for the CRL.
 - 2032 - The issuer does not have the CRL sign usage.
 - 2033 - Error validating the CRL.
 - 2034 - The CRL is expired.

Response Sample

```
[  
  {  
    "ca_chain_file": "String",  
    "cert_file": "String",
```



```

    "component_id": 42,
    "component_name": "String",
    "csrId": 42,
    "expiry": 42,
    "id": 42,
    "issuer": [
      {
        "field_name": "String",
        "value": "String"
      }
    ],
    "key_file": "String",
    "key_password": "String",
    "name": "String",
    "purpose": "String",
    "status": "String",
    "subject": [
      {
        "field_name": "String",
        "value": "String"
      }
    ],
    "validation": 42
  }
]

```

GET /config/certificates/end_certificates/{id}

SUMMARY

Gets information about a specific deployed certificate, as specified the certificate ID.

Gets information about a specific deployed certificate, which is identified by its ID.

You must have System Administrator, Security Administrator, Manage Log Sources, or WinCollect permissions to use this endpoint.

Table 503: GET /config/certificates/end_certificates/{id} resource details

GET /config/certificates/end_certificates/{id} resource details

MIME Type
application/json

Table 504: GET /config/certificates/end_certificates/{id} request parameter details

GET /config/certificates/end_certificates/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID of the certificate to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 505: GET /config/certificates/end_certificates/{id} response codes

GET /config/certificates/end_certificates/{id} response codes

HTTP Response Code	Unique Code	Description
404	1002	No certificate exists with this ID.
500	1020	null
500	2035	null

Response Description

The Certificate resource that was uploaded and deployed.

Non-administrative users see only the certificate name and ID. All other fields appear as 'null'.

The Certificate resource is returned with the following fields:

- **id** - The certificate resource ID.
- **name** - A unique name that identifies the certificate.
- **purpose** - The intended use of the certificate.
- **subject** - Returns the Subject of the certificate.
- **issuer** - Returns the Issuer of the certificate.
- **expiry** - Returns the "Validity Not After" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **password** - Returns the password that is used to encrypt the private key. This value is always null in the response.
- **component_id** - Returns the assigned component ID of the certificate.
- **validation** - Returns the code to indicate whether the certificate is valid. If not, it returns the reason that the certificate is not valid.
 - -1 - The certificate has not been validated.
 - 0 - The certificate is valid or has not been checked.
 - 2001 - Error parsing a certificate.
 - 2002 - Error decoding a certificate.
 - 2003 - The certificate is expired.
 - 2004 - The certificate is not yet valid.
 - 2005 - The certificate is revoked.
 - 2010 - An unexpected error occurred when processing a certificate.
 - 2011 - Error finding the issuer certificates.
 - 2012 - The certificate's key usage or extended key usage does not match its purpose.
 - 2013 - Error validating the full chain of the certificate.

- 2014 - The certificate is an invalid self-signed certificate.
- 2020 - The CRL is invalid.
- 2030 - Unexpected error when processing the CRL.
- 2031 - Error finding the issuer certificates for the CRL.
- 2032 - The issuer does not have the CRL sign usage.
- 2033 - Error validating the CRL.
- 2034 - The CRL is expired.

Response Sample

```
{
  "ca_chain_file": "String",
  "cert_file": "String",
  "component_id": 42,
  "component_name": "String",
  "csr_id": 42,
  "expiry": 42,
  "id": 42,
  "issuer": [
    {
      "field_name": "String",
      "value": "String"
    }
  ],
  "key_file": "String",
  "key_password": "String",
  "name": "String",
  "purpose": "String",
  "status": "String",
  "subject": [
    {
      "field_name": "String",
      "value": "String"
    }
  ],
}
```

```
"validation": 42
}
```

GET /config/certificates/end_certificates/{id}/full_chain

SUMMARY

Gets the full chain of the certificate. The chain hierarchy includes the content of the end certificate, and the content of the issuer chain certificates, up to and including the root certificate. This endpoint might not return the root certificate if it was uploaded in the last 24 hours.

Gets the full chain of the certificate.

You must have System Administrator, Security Administrator, Manage Log Sources, or WinCollect permissions to use this endpoint.

Table 506: GET /config/certificates/end_certificates/{id}/full_chain resource details

GET /config/certificates/end_certificates/{id}/full_chain resource details

MIME Type

application/json

Table 507: GET /config/certificates/end_certificates/{id}/full_chain request parameter details

GET /config/certificates/end_certificates/{id}/full_chain request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID of the certificate whose full chain is required.

Table 507: GET /config/certificates/end_certificates/{id}/full_chain request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 508: GET /config/certificates/end_certificates/{id}/full_chain response codes

GET /config/certificates/end_certificates/{id}/full_chain response codes

HTTP Response Code	Unique Code	Description
404	1002	No certificate exists with this ID.
422	1103	null
422	1104	null
500	1020	null
500	2035	null

Response Description

A JSON object that contains the chain hierarchy, from the end certificate up to the root certificate. The JSON object contains each certificate's original contents.

- **id** - The root certificate's resource ID.

Response Sample

```
{
  "end_certificate": "String",
  "intermediate_chain": [
    "String"
  ],
  "root_certificate": "String"
}
```

GET /config/certificates/root_certificates

SUMMARY

Gets the list of all root certificates that have been uploaded and deployed. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 509: GET /config/certificates/root_certificates resource details

GET /config/certificates/root_certificates resource details

MIME Type

application/json

Table 510: GET /config/certificates/root_certificates request parameter details

GET /config/certificates/root_certificates request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 511: GET /config/certificates/root_certificates response codes

GET /config/certificates/root_certificates response codes

HTTP Response Code	Unique Code	Description
200		An array of the certificate resources.
500	1020	Not able to return the certificate collection.

Response Description

An array of the root certificate resources that are deployed. A Certificate object has the following format

- **id** - Uniquely identifies the certificate. This value is derived from `subject_key_id`.
- **subject_key_id** - Returns the Subject Key Identifier of the CA certificate.
- **authority_key_id** - Returns the Authority Key Identifier of the CA certificate.
- **subject** - Returns the Subject of the CA certificate.
- **issuer** - Returns the Issuer of the CA certificate.
- **not_before** - Returns the "Validity Not Before" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **expiry** - Returns the "Validity Not After" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **status** - Returns the status of the certificate.
 - DEPLOYED indicates that the certificate was uploaded and the changes were deployed.
 - DELETE_PENDING indicates that the certificate was deployed, but will be deleted pending the next deployment.
- **validation** - Returns the code to indicate whether the certificate is valid. If not, it returns the reason that the certificate is not valid.
 - -1 - Certificate has not been validated.
 - 0 - Certificate is valid or has not been checked.
 - 2001 - Error parsing a certificate.
 - 2002 - Error decoding a certificate.
 - 2003 - The certificate is expired.
 - 2004 - The certificate is not yet valid.
 - 2005 - The certificate is revoked.
 - 2010 - Unexpected error occurred when processing a certificate.
 - 2011 - Error finding the issuer certificates.
 - 2012 - The certificate's key usage or extended key usage does not match its purpose.
 - 2013 - Error validating the full chain of the certificate.
 - 2014 - The certificate is an invalid self-signed certificate.
 - 2020 - The CRL is invalid.

- 2030 - Unexpected error when processing the CRL.
- 2031 - Error finding the issuer certificates for the CRL.
- 2032 - The issuer does not have the CRL sign usage.
- 2033 - Error validating the CRL.
- 2034 - The CRL is expired.

Response Sample

```
[
  {
    "authority_key_id": "String",
    "expiry": 42,
    "id": "String",
    "issuer": [
      {
        "field_name": "String",
        "value": "String"
      }
    ],
    "not_before": 42,
    "status": "String",
    "subject": [
      {
        "field_name": "String",
        "value": "String"
      }
    ],
    "subject_key_id": "String",
    "validation": 42
  }
]
```

GET /config/certificates/root_certificates/{id}

SUMMARY

Gets details of a deployed root certificate, as specified by the ID. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 512: GET /config/certificates/root_certificates/{id} resource details

GET /config/certificates/root_certificates/{id} resource details

MIME Type

application/json

Table 513: GET /config/certificates/root_certificates/{id} request parameter details

GET /config/certificates/root_certificates/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	Required. The ID of the certificate to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 514: GET /config/certificates/root_certificates/{id} response codes

GET /config/certificates/root_certificates/{id} response codes

HTTP Response Code	Unique Code	Description
404	1002	No certificate exists with this ID.
500	1020	null

Response Description

The Certificate resource with the following fields:

- **id** - Uniquely identifies the certificate. This value is derived from `subject_key_id`.
- **subject_key_id** - Returns the Subject Key Identifier of the CA certificate.
- **authority_key_id** - Returns the Authority Key Identifier of the CA certificate.
- **subject** - Returns the Subject of the CA certificate.
- **issuer** - Returns the Issuer of the CA certificate.
- **not_before** - Returns the "Validity Not Before" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **expiry** - Returns the "Validity Not After" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **status** - Returns the status of the certificate.
 - DEPLOYED indicates that the certificate was uploaded and the changes were deployed.
 - DELETE_PENDING indicates that the certificate was deployed, but will be deleted pending the next deployment.
- **validation** - Returns the code to indicate whether the certificate is valid. If not, it returns the reason that the certificate is not valid.
 - -1 - Certificate has not been validated.
 - 0 - Certificate is valid or has not been checked.
 - 2001 - Error parsing a certificate.
 - 2002 - Error decoding a certificate.

- 2003 - The certificate is expired.
- 2004 - The certificate is not yet valid.
- 2005 - The certificate is revoked.
- 2010 - Unexpected error occurred when processing a certificate.
- 2011 - Error finding the issuer certificates.
- 2012 - The certificate's key usage or extended key usage does not match its purpose.
- 2013 - Error validating the full chain of the certificate.
- 2014 - The certificate is an invalid self-signed certificate.
- 2020 - The CRL is invalid.
- 2030 - Unexpected error when processing the CRL.
- 2031 - Error finding the issuer certificates for the CRL.
- 2032 - The issuer does not have the CRL sign usage.
- 2033 - Error validating the CRL.
- 2034 - The CRL is expired.

Response Sample

```
{
  "authority_key_id": "String",
  "expiry": 42,
  "id": "String",
  "issuer": [
    {
      "field_name": "String",
      "value": "String"
    }
  ],
  "not_before": 42,
  "status": "String",
  "subject": [
```

```

    {
      "field_name": "String",
      "value": "String"
    }
  ],
  "subject_key_id": "String",
  "validation": 42
}

```

GET /config/certificates/root_certificates/{id}/get_dependant_ids

SUMMARY

Gets a list of end certificate IDs that depend on the root certificate. This endpoint might not return the dependent IDs of the certificates that were uploaded in the last 24 hours. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 515: GET /config/certificates/root_certificates/{id}/get_dependant_ids resource details

GET /config/certificates/root_certificates/{id}/get_dependant_ids resource details

MIME Type

application/json

Table 516: GET /config/certificates/root_certificates/{id}/get_dependant_ids request parameter details

GET /config/certificates/root_certificates/{id}/get_dependant_ids request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	id - The ID of the root certificate for which to get the dependant certificate IDs. This value is derived from subject_key_id.

Table 517: GET /config/certificates/root_certificates/{id}/get_dependant_ids response codes

GET /config/certificates/root_certificates/{id}/get_dependant_ids response codes

HTTP Response Code	Unique Code	Description
200		An array of the certificate IDs.
404	1002	null
500	1020	Not able to return the certificate collection.

Response Description

A JSON array that contains the IDs of the dependant certificates.

Response Sample

```
[
  42
]
```

GET /config/deployment/hosts

SUMMARY

Retrieves a list of all deployed hosts.

Retrieves the list of all deployed hosts.

Table 518: GET /config/deployment/hosts resource details

GET /config/deployment/hosts resource details

MIME Type

application/json

Table 519: GET /config/deployment/hosts request parameter details

GET /config/deployment/hosts request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 519: GET /config/deployment/hosts request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 520: GET /config/deployment/hosts response codes

GET /config/deployment/hosts response codes

HTTP Response Code	Unique Code	Description
200		The host list was successfully retrieved.
500	1001	An error occurred during the attempt to retrieve the host list.

Response Description

A list of all the hosts. Each Host object has the following fields:

- **id** - The ID of this managed host.
- **hostname** - The host name of this managed host.
- **private_ip** - The private IP of this managed host.
- **public_ip** - The public IP of this managed host.
- **appliance** - An object that represents the appliance type ID and description of this managed host.
- **version** - The installed version on this managed host.
- **status** - The status of this managed host.
- **email_server_id** - The id of the email server for this managed host.

- **eps_rate_hardware_limit** - The upper limit for eps_allocation based on hardware constraints for this managed host.
- **eps_allocation** - The allocated eps rate of this managed host.
- **average_eps** - The average eps rate of this managed host over the previous month.
- **peak_eps** - The peak eps rate that was experienced by this managed host over the previous month.
- **proxy_server_id** - The id of the proxy server for this managed host.
- **fpm_rate_hardware_limit** - The upper limit for fpm_allocation based on hardware constraints for this managed host
- **fpm_allocation** - The allocated fpm rate of this managed host.
- **average_fpm** - The average fpm rate of this managed host over the previous month.
- **peak_fpm** - The peak fpm rate that was experienced by this managed host over the previous month.
- **primary_server_id** - The ID for the primary server host for this managed host.
- **secondary_server_id** - If configured, the ID for the secondary server host for this managed host.
- **license_serial_number** - The serial number that is associated with this managed host's license.
- **components** - A list of components that are associated with this managed host.
- **compression_enabled** - Whether or not compression is enabled for this managed host.
- **encryption_enabled** - Whether or not encryption is enabled for this managed host.
- **cpus** - The number of cpus on this host.
- **total_memory** - The total amount of memory in kb.
- **app_memory** - The total amount of memory available to apps in kb.

Response Sample

```
[
  {
    "app_memory": 42,
    "appliance": {
      "id": "String",
```

```

        "type": "String"
    },
    "average_eps": 42,
    "average_fpm": 42,
    "components": [
        "String <one of: eventcollectoringress, eventcollector, eventprocessor, dataNode,
magistrate, ariel_query_server, ariel_proxy_server, vis, assetprofiler, qflow, hostcontext,
tunnel, setupntunnel, ecs-ec-ingress, ecs-ec, ecs-ep, resolveragent, resolver_manager,
offsiteSource, offsiteTarget, accumulator, data_export, offline_forwarder, qvm, qvmprocessor,
qvmscanner, qvmhostedscanner, qvmsiteprotector, arc_builder, tomcat-rm, ziptie-server, qrm,
asset_change_publisher, forensicsnode, forensics_realtime, masterdaemon>"
    ],
    "compression_enabled": true,
    "cpus": 42,
    "email_server_id": 42,
    "encryption_enabled": true,
    "eps_allocation": 42,
    "eps_rate_hardware_limit": 42,
    "fpm_allocation": 42,
    "fpm_rate_hardware_limit": 42,
    "hostname": "String",
    "id": 42,
    "license_serial_number": "String",
    "peak_eps": 42,
    "peak_fpm": 42,
    "primary_server_id": 42,
    "private_ip": "String",
    "proxy_server_id": 42,
    "public_ip": "String",
    "remote_tunnel_initiation_enabled": true,
    "secondary_server_id": 42,
    "status": "String <one of: Active, ADDING, Deleted, Deleting, ADD_FAILED, New,
ADD_FAILED_VERSION_CHECK, ADD_FAILED_DEPLOY_IN_PROGRESS, ADD_FAILED_RETRY_CONNECTION,
ADD_FAILED_HA, ADD_FAILED_CHECK_LOGS, ADD_FAILED_QVMPROCESSOR_ALREADY_EXISTS>",
    "total_memory": 42,
    "version": "String"
}
]

```

GET /config/deployment/hosts/{id}

SUMMARY

Retrieves a deployed host by ID.

Retrieves a deployed host by ID.

Table 521: GET /config/deployment/hosts/{id} resource details

GET /config/deployment/hosts/{id} resource details

MIME Type

application/json

Table 522: GET /config/deployment/hosts/{id} request parameter details

GET /config/deployment/hosts/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the deployed host to be retrieved.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 523: GET /config/deployment/hosts/{id} response codes

GET /config/deployment/hosts/{id} response codes

HTTP Response Code	Unique Code	Description
200		The host was successfully retrieved.
404	1002	No such host is deployed for the given ID
422	1003	The provided id was a negative number or zero.
500	1004	An error occurred during the retrieval of the host.

Response Description

The associated deployed host object. The Host object has the following fields:

- **id** - The ID of this managed host.
- **hostname** - The host name of this managed host.
- **private_ip** - The private IP of this managed host.
- **public_ip** - The public IP of this managed host.
- **appliance** - An object that represents the appliance type ID and description of this managed host.
- **version** - The installed version on this managed host.
- **status** - The status of this managed host.
- **email_server_id** - The id of the email server for this managed host.
- **eps_rate_hardware_limit** - The upper limit for eps_allocation based on hardware constraints for this managed host.
- **eps_allocation** - The allocated eps rate of this managed host.
- **average_eps** - The average eps rate of this managed host over the previous month.
- **peak_eps** - The peak eps rate that was experienced by this managed host over the previous month.
- **proxy_server_id** - The id of the proxy server for this managed host.

- **fpm_rate_hardware_limit** - The upper limit for fpm_allocation based on hardware constraints for this managed host.
- **fpm_allocation** - The allocated fpm rate of this managed host.
- **average_fpm** - The average fpm rate of this managed host over the previous month.
- **peak_fpm** - The peak fpm rate that was experienced by this managed host over the previous month.
- **primary_server_id** - The ID for the primary server host for this managed host.
- **secondary_server_id** - If configured, the ID for the secondary server host for this managed host.
- **license_serial_number** - The serial number that is associated with this managed host's license.
- **components** - A list of components that are associated with this managed host.
- **compression_enabled** - Whether or not compression is enabled for this managed host.
- **encryption_enabled** - Whether or not encryption is enabled for this managed host.
- **cpus** - The number of cpus on this host.
- **total_memory** - The total amount of memory in kb.
- **app_memory** - The total amount of memory available to apps in kb.

Response Sample

```
{
  "app_memory": 42,
  "appliance": {
    "id": "String",
    "type": "String"
  },
  "average_eps": 42,
  "average_fpm": 42,
  "components": [
    "String <one of: eventcollectoringress, eventcollector, eventprocessor, dataNode,
magistrate, ariel_query_server, ariel_proxy_server, vis, assetprofiler, qflow, hostcontext,
tunnel, setupntunnel, ecs-ec-ingress, ecs-ec, ecs-ep, resolveragent, resolver_manager,
offsiteSource, offsiteTarget, accumulator, data_export, offline_forwarder, qvm, qvmprocessor,
qvmscanner, qvmhostedscanner, qvmsiteprotector, arc_builder, tomcat-rm, ziptie-server, qrm,
```

```
asset_change_publisher, forensicsnode, forensics_realtime, masterdaemon>"
  ],
  "compression_enabled": true,
  "cpus": 42,
  "email_server_id": 42,
  "encryption_enabled": true,
  "eps_allocation": 42,
  "eps_rate_hardware_limit": 42,
  "fpm_allocation": 42,
  "fpm_rate_hardware_limit": 42,
  "hostname": "String",
  "id": 42,
  "license_serial_number": "String",
  "peak_eps": 42,
  "peak_fpm": 42,
  "primary_server_id": 42,
  "private_ip": "String",
  "proxy_server_id": 42,
  "public_ip": "String",
  "remote_tunnel_initiation_enabled": true,
  "secondary_server_id": 42,
  "status": "String <one of: Active, ADDING, Deleted, Deleting, ADD_FAILED, New,
ADD_FAILED_VERSION_CHECK, ADD_FAILED_DEPLOY_IN_PROGRESS, ADD_FAILED_RETRY_CONNECTION,
ADD_FAILED_HA, ADD_FAILED_CHECK_LOGS, ADD_FAILED_QVMPROCESSOR_ALREADY_EXISTS>",
  "total_memory": 42,
  "version": "String"
}
```

POST /config/deployment/hosts/{id}

SUMMARY

Updates a host by ID and sends a JMS message to update the pipeline.

Updates a host by the given ID.

Table 524: POST /config/deployment/hosts/{id} resource details

POST /config/deployment/hosts/{id} resource details

MIME Type
application/json

Table 525: POST /config/deployment/hosts/{id} request parameter details

POST /config/deployment/hosts/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the staged host to be updated.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 526: POST /config/deployment/hosts/{id} request body details

POST /config/deployment/hosts/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
host	Object	application/json	Required - The host values to be updated. At the moment, the only writable properties are eps_allocation and fpm_allocation.	{ "appliance": { "id": "String", "type": "String" }, "average_eps": 42, "average_fpm": 42, "components": ["String <one of: eventcollectoringress, eventcollector, eventprocessor, dataNode, magistrate, ariel_query_server, ariel_proxy_server, vis, assetprofiler, qflow, hostcontext, tunnel, setuptunnel, ecs-ec-ingress, ecs-ec, ecs-ep, resolveragent, resolver_manager, offsiteSource, offsiteTarget, accumulator, data_export, offline_forwarder, qvm, qvmprocessor, qvmscanner, qvmhostedscanner, qvmsiteprotector, arc_builder, tomcat-rm, ziptie-server, qrm, asset_change_publisher, forensicsnode, forensics_realtime, masterdaemon>"], "compression_enabled": true, "email_server_id": 42, "encryption_enabled": true, "eps_allocation": 42, "eps_rate_hardware_limit": 42, "fpm_allocation": 42, "fpm_rate_hardware_limit": 42, "hostname": "String", "id": 42, "license_serial_number": "String", "peak_eps": 42, "peak_fpm": 42, "primary_server_id": 42, "private_ip": "String", "proxy_server_id": 42, "public_ip": "String", "remote_tunnel_initiation_enabled": true,

Table 526: POST /config/deployment/hosts/{id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
				"secondary_server_id": 42, "status": "String <one of: Active, ADDING, Deleted, Deleting, ADD_FAILED, New, ADD_FAILED_VERSION_CHE CK, ADD_FAILED_DEPLOY_IN_P ROGRESS, ADD_FAILED_RETRY_CONN ECTION, ADD_FAILED_HA, ADD_FAILED_CHECK_LOGS, ADD_FAILED_QVMPROCESS OR_ALREADY_EXISTS>", "version": "String" }

Table 527: POST /config/deployment/hosts/{id} response codes

POST /config/deployment/hosts/{id} response codes

HTTP Response Code	Unique Code	Description
200		The host was successfully updated.
404	1010	Could not find the host to update.
417	1011	null
417	1012	null
417	1013	null
417	1014	null
417	1016	null

Table 527: POST /config/deployment/hosts/{id} response codes *(Continued)*

HTTP Response Code	Unique Code	Description
417	1017	null
417	1018	null
417	1019	null
417	1020	null
422	1009	Parameter provided not valid.
422	1022	null
422	1023	null
422	1024	null
500	1021	An unexpected exception occurred during the updating of the host.

Response Description

The updated host object. The Host object has the following fields:

- **id** - The ID of this managed host.
- **hostname** - The host name of this managed host.
- **private_ip** - The private IP of this managed host.
- **public_ip** - The public IP of this managed host.
- **appliance** - An object that represents the appliance type ID and description of this managed host.
- **version** - The installed version on this managed host.

- **status** - The status of this managed host.
- **email_server_id** - The id of the email server for this managed host.
- **eps_rate_hardware_limit** - The upper limit for eps_allocation based on hardware constraints for this managed host.
- **eps_allocation** - The allocated eps rate of this managed host.
- **average_eps** - The average eps rate of this managed host over the previous month.
- **peak_eps** - The peak eps rate that was experienced by this managed host over the previous month.
- **proxy_server_id** - The id of the proxy server for this managed host.
- **fpm_rate_hardware_limit** - The upper limit for fpm_allocation based on hardware constraints for this managed host.
- **fpm_allocation** - The allocated fpm rate of this managed host.
- **average_fpm** - The average fpm rate of this managed host over the previous month.
- **peak_fpm** - The peak fpm rate that was experienced by this managed host over the previous month.
- **primary_server_id** - The ID for the primary server host for this managed host.
- **secondary_server_id** - If configured, the ID for the secondary server host for this managed host.
- **license_serial_number** - The serial number associated with this managed host's license.
- **components** - A list of components that are associated with this managed host.
- **compression_enabled** - Whether or not compression is enabled for this managed host.
- **encryption_enabled** - Whether or not encryption is enabled for this managed host.

Response Sample

```
{
  "app_memory": 42,
  "appliance": {
    "id": "String",
    "type": "String"
  },
}
```

```

    "average_eps": 42,
    "average_fpm": 42,
    "components": [
        "String <one of: eventcollectoringress, eventcollector, eventprocessor, dataNode,
magistrate, ariel_query_server, ariel_proxy_server, vis, assetprofiler, qflow, hostcontext,
tunnel, setupntunnel, ecs-ec-ingress, ecs-ec, ecs-ep, resolveragent, resolver_manager,
offsiteSource, offsiteTarget, accumulator, data_export, offline_forwarder, qvm, qvmprocessor,
qvmscanner, qvmhostedscanner, qvmsiteprotector, arc_builder, tomcat-rm, ziptie-server, qrm,
asset_change_publisher, forensicsnode, forensics_realtime, masterdaemon>"
    ],
    "compression_enabled": true,
    "cpus": 42,
    "email_server_id": 42,
    "encryption_enabled": true,
    "eps_allocation": 42,
    "eps_rate_hardware_limit": 42,
    "fpm_allocation": 42,
    "fpm_rate_hardware_limit": 42,
    "hostname": "String",
    "id": 42,
    "license_serial_number": "String",
    "peak_eps": 42,
    "peak_fpm": 42,
    "primary_server_id": 42,
    "private_ip": "String",
    "proxy_server_id": 42,
    "public_ip": "String",
    "remote_tunnel_initiation_enabled": true,
    "secondary_server_id": 42,
    "status": "String <one of: Active, ADDING, Deleted, Deleting, ADD_FAILED, New,
ADD_FAILED_VERSION_CHECK, ADD_FAILED_DEPLOY_IN_PROGRESS, ADD_FAILED_RETRY_CONNECTION,
ADD_FAILED_HA, ADD_FAILED_CHECK_LOGS, ADD_FAILED_QVMPROCESSOR_ALREADY_EXISTS>",
    "total_memory": 42,
    "version": "String"
}

```

GET /config/deployment/hosts/{id}/tunnels

SUMMARY

Gets the list of tunnels for the host.

Get a list of tunnel of a host.

Table 528: GET /config/deployment/hosts/{id}/tunnels resource details

GET /config/deployment/hosts/{id}/tunnels resource details

MIME Type

application/json

Table 529: GET /config/deployment/hosts/{id}/tunnels request parameter details

GET /config/deployment/hosts/{id}/tunnels request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the host.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 529: GET /config/deployment/hosts/{id}/tunnels request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 530: GET /config/deployment/hosts/{id}/tunnels response codes

GET /config/deployment/hosts/{id}/tunnels response codes

HTTP Response Code	Unique Code	Description
200		A list of SSH tunnels. This will list all tunnels currently in the system for the deployed host.
404	1010	Invalid host_id provided.
422	1009	Host id provided is invalid.

Response Description

A list of SSH tunnels. This will list all tunnels currently in the system for the deployed host. The Tunnel object has the following fields:

- **name** - The name of the tunnel object.
- **remote_hostID** - The host ID of the remote host of the tunnel.
- **remote_port** - The port on the remote host that is used by the tunnel.

- **local_port** - The port on the originating host that is used by the tunnel.
- **reverse_source** - Set this value to true to initiate the tunnel on the remote host instead of the originating host. This has no effect if either the originating or the remote host is a console.

Response Sample

```
[
  {
    "local_port": 42,
    "name": "String",
    "remote_host_id": 42,
    "remote_port": 42,
    "reverse_source": true
  }
]
```

GET /config/deployment/license_pool

SUMMARY

Retrieves the deployed license pool information.

Retrieves the deployed license pool information.

Table 531: GET /config/deployment/license_pool resource details

GET /config/deployment/license_pool resource details

MIME Type

application/json

Table 532: GET /config/deployment/license_pool request parameter details

GET /config/deployment/license_pool request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 533: GET /config/deployment/license_pool response codes

GET /config/deployment/license_pool response codes

HTTP Response Code	Unique Code	Description
200		The license pool was successfully retrieved.
500	1001	An error occurred during the retrieval of the license pool.

Response Description

The deployed license pool information.

- **eps(allocated)** - The amount of EPS rate allocated from the pool.
- **eps(overallocated)** - Whether EPS is overallocated or not in the pool.
- **eps(total)** - The total EPS rate available in the pool.
- **fpm(allocated)** - The amount of FPM rate allocated from the pool.
- **fpm(overallocated)** - Whether FPM is overallocated or not in the pool.
- **fpm(total)** - The total FPM rate available in the pool.

Response Sample

```
{
  "eps": {
    "allocated": 42,
    "overallocated": true,
    "total": 42
  },
  "fpm": {
    "allocated": 42,
    "overallocated": true,
    "total": 42
  }
}
```

GET /config/domain_management/domains

SUMMARY

Gets the list of domains.

Gets the list of domains. You must have the System Administrator or Security Administrator permissions to call this endpoint if you are trying to retrieve the details of all domains. You can retrieve details of domains that are assigned to your Security Profile without having the System Administrator or Security Administrator permissions. If you do not have the System Administrator or Security Administrator permissions, then for each domain assigned to your security profile you can only view the values for the id and name fields. All other values return null.

Table 534: GET /config/domain_management/domains resource details

GET /config/domain_management/domains resource details

MIME Type

application/json

Table 535: GET /config/domain_management/domains request parameter details

GET /config/domain_management/domains request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 536: GET /config/domain_management/domains response codes

GET /config/domain_management/domains response codes

HTTP Response Code	Unique Code	Description
200		The domain list has been successfully retrieved.

Table 536: GET /config/domain_management/domains response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred while the domain list was being retrieved.

Response Description

A list of domains.

- **id** - Integer - The ID of the domain.
- **name** - String - The name of the domain.
- **description** - String - The description given to the domain.
- **tenant_id** - Integer - The ID of the tenant that this domain belongs to.
- **deleted** - Boolean - Whether or not the domain has been deleted.
- **event_collector_ids** - Array of Longs - The list of event collector IDs that are assigned to this domain.
- **log_source_ids** - Array of Longs - The list of log source IDs that are assigned to this domain.
- **log_source_group_ids** - Array of Longs - The list of log source group IDs that are assigned to this domain.
- **custom_properties** - Array of Custom Property Objects - The list of custom properties that are assigned to this domain.
- **flow_source_ids** - Array of Longs - The list of flow source IDs that are assigned to this domain.
- **flow_collector_ids** - Array of Longs - The list of flow collector IDs that are assigned to this domain.
- **asset_scanner_ids** - Array of Longs - The list of asset scanner IDs that are assigned to this domain.
- **qvm_scanner_ids** - Array of Longs - The list of QVM scanner IDs that are assigned to this domain.
- **flow_vlans_ids** - Array of Longs - The list of flow VLAN IDs that are assigned to this domain.

Response Sample

```
[
  {
    "asset_scanner_ids": [
      42
    ],
    "custom_properties": [
      {
        "capture_result": "String",
        "id": 42
      }
    ],
    "deleted": true,
    "description": "String",
    "event_collector_ids": [
      42
    ],
    "flow_collector_ids": [
      42
    ],
    "flow_source_ids": [
      42
    ],
    "flow_vlan_ids": [
      42
    ],
    "id": 42,
    "log_source_group_ids": [
      42
    ],
    "log_source_ids": [
      42
    ],
    "name": "String",
    "qvm_scanner_ids": [
      42
    ],
    "tenant_id": 42
  }
]
```

```
}
]
```

POST /config/domain_management/domains

SUMMARY

Creates a new domain.

Creates a new domain. You must have the System Administrator or Security Administrator permissions to call this endpoint.

Table 537: POST /config/domain_management/domains resource details

POST /config/domain_management/domains resource details

MIME Type

application/json

Table 538: POST /config/domain_management/domains request parameter details

POST /config/domain_management/domains request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 539: POST /config/domain_management/domains request body details

POST /config/domain_management/domains request body details

Parameter	Data Type	MIME Type	Description	Sample
domain	Object	application/ json	<p>Creates a new domain.</p> <ul style="list-style-type: none"> • name - String - The name of the new domain. • description - String - The description of the new domain • tenant_id - Integer - The tenant ID of the new domain. • event_collector_ids - Array of Longs - The list of event collector IDs for the new domain. • log_source_ids - Array of Longs - The list of log source IDs for the new domain. • log_source_group_ids - Array of Longs - The list of log source group IDs for the new domain. • custom_properties - Array of Custom Properties - The list of custom properties for the new domain. • flow_source_ids - Array of Longs - The list of flow source IDs for the new domain. • flow_collector_ids - Array of Longs - The list of flow source collector IDs for the new domain. 	<pre>{ "asset_scanner_ids": [42], "custom_properties": [{"capture_result": "String", "id": 42}], "deleted": true, "description": "String", "event_collector_ids": [42], "flow_collector_ids": [42], "flow_source_ids": [42], "flow_vlan_ids": [42], "log_source_group_ids": [42], "log_source_ids": [42], "name": "String", "qvm_scanner_ids": [42], "tenant_id": 42 }</pre>

Table 539: POST /config/domain_management/domains request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • asset_scanner_ids - Array of Longs - The list of asset scanner IDs for the new domain. • qvm_scanner_ids - Array of Longs - The list of QVM scanner IDs for the new domain. • flow_vlans_ids - Array of Longs - The list of flow VLAN IDs for the new domain. 	

Table 540: POST /config/domain_management/domains response codes

POST /config/domain_management/domains response codes

HTTP Response Code	Unique Code	Description
201		The domain has been successfully created.
409	1004	A domain object parameter already exists.
422	1005	A domain object parameter is invalid.
500	1020	An error occurred while the domain was being created.

Response Description

A created domain object.

- **id** - Integer - The ID of the domain.

- **name** - String - The name of the domain.
- **description** - String - The description given to the domain.
- **tenant_id** - Integer - The ID of the tenant that this domain belongs to.
- **deleted** - Boolean - Whether or not the domain has been deleted.
- **event_collector_ids** - Array of Longs - The list of event collector IDs that are assigned to this domain.
- **log_source_ids** - Array of Longs - The list of log source IDs that are assigned to this domain.
- **log_source_group_ids** - Array of Longs - The list of log source group IDs that are assigned to this domain.
- **custom_properties** - Array of Custom Properties - The list of custom properties that are assigned to this domain.
- **flow_source_ids** - Array of Longs - The list of flow source IDs that are assigned to this domain.
- **flow_collector_ids** - Array of Longs - The list of flow collector IDs that are assigned to this domain.
- **asset_scanner_ids** - Array of Longs - The list of asset scanner IDs that are assigned to this domain.
- **qvm_scanner_ids** - Array of Longs - The list of QVM scanner IDs that are assigned to this domain..
- **flow_vlans_ids** - Array of Longs - The list of flow VLAN IDs that are assigned to this domain.

Response Sample

```
{
  "asset_scanner_ids": [
    42
  ],
  "custom_properties": [
    {
      "capture_result": "String",
      "id": 42
    }
  ],
  "deleted": true,
  "description": "String",
  "event_collector_ids": [
```

```

    42
  ],
  "flow_collector_ids": [
    42
  ],
  "flow_source_ids": [
    42
  ],
  "flow_vlan_ids": [
    42
  ],
  "id": 42,
  "log_source_group_ids": [
    42
  ],
  "log_source_ids": [
    42
  ],
  "name": "String",
  "qvm_scanner_ids": [
    42
  ],
  "tenant_id": 42
}

```

DELETE /config/domain_management/domains/{domain_id}

SUMMARY

Deletes a domain by domain id.

Deletes a domain by domain id. All domain mappings will be deleted as well. You must have the System Administrator or Security Administrator permissions to call this endpoint.

Table 541: DELETE /config/domain_management/domains/{domain_id} resource details

DELETE /config/domain_management/domains/{domain_id} resource details

MIME Type

application/json

Table 542: DELETE /config/domain_management/domains/{domain_id} request parameter details

DELETE /config/domain_management/domains/{domain_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
domain_id	path	Required	Number (Integer)	text/plain	The ID of the domain object to delete.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 543: DELETE /config/domain_management/domains/{domain_id} response codes

DELETE /config/domain_management/domains/{domain_id} response codes

HTTP Response Code	Unique Code	Description
200		The domain has been successfully deleted.
404	1002	No domain was found for the provided domain id.
422	1005	Default domain cannot be deleted.
422	1012	Domain cannot be deleted as it is assigned to one or more staged security profiles.

Table 543: DELETE /config/domain_management/domains/{domain_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1013	Domain cannot be deleted as it is assigned to one or more deployed security profiles.
500	1020	An error occurred while the domain was being deleted.

Response Description

The deleted domain object with its parameter *deleted* set to `true`.

- **id** - Integer - The ID of the domain.
- **name** - String - The name of the domain.
- **description** - String - The description given to the domain.
- **tenant_id** - Integer - The ID of the tenant that this domain belongs to.
- **deleted** - Boolean - Whether or not the domain has been deleted.
- **event_collector_ids** - Array of Longs - The list of event collector IDs that are assigned to this domain.
- **log_source_ids** - Array of Longs - The list of log source IDs that are assigned to this domain.
- **log_source_group_ids** - Array of Longs - The list of log source group IDs that are assigned to this domain.
- **custom_properties** - Array of Custom Properties - The list of custom properties that are assigned to this domain.
- **flow_source_ids** - Array of Longs - The list of flow source IDs that are assigned to this domain.
- **flow_collector_ids** - Array of Longs - The list of flow collector IDs that are assigned to this domain.
- **asset_scanner_ids** - Array of Longs - The list of asset scanner IDs that are assigned to this domain.
- **qvm_scanner_ids** - Array of Longs - The list of QVM scanner IDs that are assigned to this domain..
- **flow_vlans_ids** - Array of Longs - The list of flow VLAN IDs that are assigned to this domain.

Response Sample

```
{
  "asset_scanner_ids": [
    42
  ],
  "custom_properties": [
    {
      "capture_result": "String",
      "id": 42
    }
  ],
  "deleted": true,
  "description": "String",
  "event_collector_ids": [
    42
  ],
  "flow_collector_ids": [
    42
  ],
  "flow_source_ids": [
    42
  ],
  "flow_vlan_ids": [
    42
  ],
  "id": 42,
  "log_source_group_ids": [
    42
  ],
  "log_source_ids": [
    42
  ],
  "name": "String",
  "qvm_scanner_ids": [
    42
  ],
  "tenant_id": 42
}
```

GET /config/domain_management/domains/{domain_id}

SUMMARY

Gets an individual domain by ID

Gets an individual domain by ID You must have the System Administrator or Security Administrator permissions to call this endpoint if you are trying to retrieve the details of a domain that isn't assigned to your Security Profile. You can retrieve details of domains that are assigned to your Security Profile without having the System Administrator or Security Administrator permissions. If you do not have the System Administrator or Security Administrator permissions, then for each domain assigned to your security profile you can only view the values for the id and name fields. All other values return null.

Table 544: GET /config/domain_management/domains/{domain_id} resource details

GET /config/domain_management/domains/{domain_id} resource details

MIME Type

application/json

Table 545: GET /config/domain_management/domains/{domain_id} request parameter details

GET /config/domain_management/domains/{domain_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
domain_id	path	Required	Number (Integer)	text/plain	The ID of the domain to get.

Table 545: GET /config/domain_management/domains/{domain_id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 546: GET /config/domain_management/domains/{domain_id} response codes

GET /config/domain_management/domains/{domain_id} response codes

HTTP Response Code	Unique Code	Description
200		The domain has been successfully retrieved.
404	1002	No domain was found for the provided domain id.
500	1020	An error occurred while the domain was being retrieved.

Response Description

A domain object.

- **id** - Integer - The ID of the domain.
- **name** - String - The name of the domain.
- **description** - String - The description given to the domain.
- **tenant_id** - Integer - The ID of the tenant that this domain belongs to.
- **deleted** - Boolean - Whether or not the domain has been deleted.

- **event_collector_ids** - Array of Longs - The list of event collector IDs that are assigned to this domain.
- **log_source_ids** - Array of Longs - The list of log source IDs that are assigned to this domain.
- **log_source_group_ids** - Array of Longs - The list of log source group IDs that are assigned to this domain.
- **custom_properties** - Array of Custom Property Objects - The list of custom properties that are assigned to this domain.
- **flow_source_ids** - Array of Longs - The list of flow source IDs that are assigned to this domain.
- **flow_collector_ids** - Array of Longs - The list of flow collector IDs that are assigned to this domain.
- **asset_scanner_ids** - Array of Longs - The list of asset scanner IDs that are assigned to this domain.
- **qvm_scanner_ids** - Array of Longs - The list of QVM scanner IDs that are assigned to this domain.
- **flow_vlans_ids** - Array of Longs - The list of flow VLAN IDs that are assigned to this domain.

Response Sample

```
{
  "asset_scanner_ids": [
    42
  ],
  "custom_properties": [
    {
      "capture_result": "String",
      "id": 42
    }
  ],
  "deleted": true,
  "description": "String",
  "event_collector_ids": [
    42
  ],
  "flow_collector_ids": [
    42
  ],
  "flow_source_ids": [
    42
  ]
}
```

```

    ],
    "flow_vlan_ids": [
        42
    ],
    "id": 42,
    "log_source_group_ids": [
        42
    ],
    "log_source_ids": [
        42
    ],
    "name": "String",
    "qvm_scanner_ids": [
        42
    ],
    "tenant_id": 42
}

```

POST /config/domain_management/domains/{domain_id}

SUMMARY

Updates an existing domain.

Updates an existing domain. You must have the System Administrator or Security Administrator permissions to call this endpoint.

Table 547: POST /config/domain_management/domains/{domain_id} resource details

POST /config/domain_management/domains/{domain_id} resource details

MIME Type

application/json

Table 548: POST /config/domain_management/domains/{domain_id} request parameter details

POST /config/domain_management/domains/{domain_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
domain_id	path	Required	Number (Integer)	text/plain	The ID of the domain object to update.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 549: POST /config/domain_management/domains/{domain_id} request body details

POST /config/domain_management/domains/{domain_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
domain	Object	application/ json	<p>A domain JSON object.</p> <ul style="list-style-type: none"> • name - String - The new name of the domain. • description - String - The new description of the domain. • tenant_id - Integer - The new tenant ID of the domain. • event_collector_ids - Array of Longs - The new list of event collector IDs for the domain. • log_source_ids - Array of Longs - The new list of log source IDs for the domain. • log_source_group_ids - Array of Longs - The new list of log source group ids for the domain. • custom_properties - Array of Custom Properties - The new list of custom properties for the domain. • flow_source_ids - Array of Longs - The new list of flow source IDs for the domain. • flow_collector_ids - Array of Longs - The new list of flow source collector IDs for the domain. • asset_scanner_ids - Array of Longs - The new list of 	<pre>{ "asset_scanner_ids": [42], "custom_properties": [{"capture_result": "String", "id": 42}], "deleted": true, "description": "String", "event_collector_ids": [42], "flow_collector_ids": [42], "flow_source_ids": [42], "flow_vlan_ids": [42], "log_source_group_ids": [42], "log_source_ids": [42], "name": "String", "qvm_scanner_ids": [42], "tenant_id": 42 }</pre>

Table 549: POST /config/domain_management/domains/{domain_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			asset scanner IDs for the domain.	
			<ul style="list-style-type: none"> • qvm_scanner_ids - Array of Longs - The new list of QVM scanner IDs for the domain. • flow_vlans_ids - Array of Longs - The new list of flow VLAN IDs for the domain. 	

Table 550: POST /config/domain_management/domains/{domain_id} response codes

POST /config/domain_management/domains/{domain_id} response codes

HTTP Response Code	Unique Code	Description
200		The domain has been successfully updated.
404	1002	No domain was found for the provided domain id.
409	1004	A domain object parameter already exists.
422	1005	A domain object parameter is invalid.
422	1010	The tenant that this domain belongs to is different than the tenant of some deployed actors that have a security profile that this domain is assigned to.
422	1011	The tenant that this domain belongs to is different than the tenant of some staged actors that have a security profile that this domain is assigned to.
500	1020	An error occurred while the domain was being updated.

Response Description

The updated domain object.

- **id** - Integer - The ID of the domain.
- **name** - String - The name of the domain.
- **description** - String - The description given to the domain.
- **tenant_id** - Integer - The ID of the tenant that this domain belongs to.
- **deleted** - Boolean - Whether or not the domain has been deleted.
- **event_collector_ids** - Array of Longs - The list of event collector IDs that are assigned to this domain.
- **log_source_ids** - Array of Longs - The list of log source IDs that are assigned to this domain.
- **log_source_group_ids** - Array of Longs - The list of log source group IDs that are assigned to this domain.
- **custom_properties** - Array of Custom Properties - The list of custom properties that are assigned to this domain.
- **flow_source_ids** - Array of Longs - The list of flow source IDs that are assigned to this domain.
- **flow_collector_ids** - Array of Longs - The list of flow collector IDs that are assigned to this domain.
- **asset_scanner_ids** - Array of Longs - The list of asset scanner IDs that are assigned to this domain.
- **qvm_scanner_ids** - Array of Longs - The list of QVM scanner IDs that are assigned to this domain..
- **flow_vlans_ids** - Array of Longs - The list of flow VLAN IDs that are assigned to this domain.

Response Sample

```
{
  "asset_scanner_ids": [
    42
  ],
  "custom_properties": [
    {
      "capture_result": "String",
```

```
    "id": 42
  }
],
"deleted": true,
"description": "String",
"event_collector_ids": [
  42
],
"flow_collector_ids": [
  42
],
"flow_source_ids": [
  42
],
"flow_vlan_ids": [
  42
],
"tenant_id": 42,
"log_source_group_ids": [
  42
],
"log_source_ids": [
  42
],
"name": "String",
"qvm_scanner_ids": [
  42
],
"tenant_id": 42
}
```

GET /config/event_retention_buckets

SUMMARY

Retrieves a list of event retention buckets.

Retrieves a list of event retention buckets.

Table 551: GET /config/event_retention_buckets resource details

GET /config/event_retention_buckets resource details

MIME Type
application/json

Table 552: GET /config/event_retention_buckets request parameter details

GET /config/event_retention_buckets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 553: GET /config/event_retention_buckets response codes

GET /config/event_retention_buckets response codes

HTTP Response Code	Unique Code	Description
200		The event retention buckets were retrieved.
422	1010	A request parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the event retention buckets.

Response Description

An array of Retention Bucket objects. An Retention Bucket object contains the following fields:

- **id** - Integer - The ID of the retention bucket.
- **bucket_id** - Integer - The Bucket ID of the retention bucket. (0 - 10)
- **priority** - Integer - The priority of the retention bucket. (0 - 10).
- **name** - String - The name of the retention bucket.
- **database** - String - The database of the retention bucket, EVENTS or FLOWS.
- **description** - String - The description of the retention bucket.
- **period** - Integer - The retention period in hours.
- **delete** - String - The delete protocol of the retention bucket, IMMEDIATELY or ON_DEMAND.
- **created** - Long - The time in milliseconds since epoch since the retention bucket was created.
- **modified** - Long - The time in milliseconds since epoch since the retention bucket was last modified.
- **saved_search_id** - String - The id of the saved search used by the retention bucket.
- **enabled** - Boolean - True if the retention bucket is enabled.

Response Sample

```
[
  {
    "bucket_id": 42,
    "created": 42,
    "database": "String",
    "deletion": "String <one of: ON_DEMAND, IMMEDIATELY>",
    "description": "String",
    "enabled": true,
    "id": 42,
    "modified": 42,
    "name": "String",
    "period": 42,
    "priority": 42,
    "saved_search_id": "String"
  }
]
```

DELETE /config/event_retention_buckets/{id}

SUMMARY

Deletes an event retention bucket.

Deletes an event retention bucket.

Table 554: DELETE /config/event_retention_buckets/{id} resource details

DELETE /config/event_retention_buckets/{id} resource details

MIME Type

text/plain

Table 555: DELETE /config/event_retention_buckets/{id} request parameter details

DELETE /config/event_retention_buckets/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 556: DELETE /config/event_retention_buckets/{id} response codes

DELETE /config/event_retention_buckets/{id} response codes

HTTP Response Code	Unique Code	Description
204		The Event Retention Bucket was deleted.
403	1009	You do not have the proper capabilities to delete the event retention bucket.
404	1002	The Event Retention Bucket does not exist.
500	1020	An error occurred during the attempt to delete the event retention bucket.

Response Description

Response Sample

GET /config/event_retention_buckets/{id}

SUMMARY

Retrieves an event retention bucket.

Retrieves an event retention bucket.

Table 557: GET /config/event_retention_buckets/{id} resource details

GET /config/event_retention_buckets/{id} resource details

MIME Type

application/json

Table 558: GET /config/event_retention_buckets/{id} request parameter details

GET /config/event_retention_buckets/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 558: GET /config/event_retention_buckets/{id} request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 559: GET /config/event_retention_buckets/{id} response codes

GET /config/event_retention_buckets/{id} response codes

HTTP Response Code	Unique Code	Description
200		The event retention bucket was retrieved.
404	1002	The event retention bucket does not exist.
500	1020	An error occurred during the attempt to retrieve the event retention bucket.

Response Description

The retention bucket after it has been retrieved. An Retention Bucket object contains the following fields:

- **id** - Integer - The ID of the retention bucket.
- **bucket_id** - Integer - The Bucket ID of the retention bucket (0 - 10).
- **priority** - Integer - The priority of the retention bucket (0 - 10).
- **name** - String - The name of the retention bucket.

- **database** - String - The database of the retention bucket, EVENTS or FLOWS.
- **description** - String - The description of the retention bucket.
- **period** - Integer - The retention period in hours.
- **delete** - String - The delete protocol of the retention bucket, IMMEDIATELY or ON_DEMAND.
- **created** - Long - The time in milliseconds since epoch since the retention bucket was created.
- **modified** - Long - The time in milliseconds since epoch since the retention bucket was last modified.
- **saved_search_id** - String - The ID of the saved search that is used by the retention bucket.
- **enabled** - Boolean - True if the retention bucket is enabled.

Response Sample

```
{
  "bucket_id": 42,
  "created": 42,
  "database": "String",
  "deletion": "String <one of: ON_DEMAND, IMMEDIATELY>",
  "description": "String",
  "enabled": true,
  "id": 42,
  "modified": 42,
  "name": "String",
  "period": 42,
  "priority": 42,
  "saved_search_id": "String"
}
```

POST /config/event_retention_buckets/{id}

SUMMARY

Updates the event retention bucket owner or enabled/disabled only.

Updates the event retention bucket owner or enabled/disabled only.

Table 560: POST /config/event_retention_buckets/{id} resource details

POST /config/event_retention_buckets/{id} resource details

MIME Type

application/json

Table 561: POST /config/event_retention_buckets/{id} request parameter details

POST /config/event_retention_buckets/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 562: POST /config/event_retention_buckets/{id} request body details

POST /config/event_retention_buckets/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
retention_bucket	Object	application/json	null	{ "id": 1, "name": "String", "description": "String", "priority": 1, "period": 1, "deletion": "String", "created": 123123, "modified": 123123, "saved_search_id": "String", "enabled": true }

Table 563: POST /config/event_retention_buckets/{id} response codes

POST /config/event_retention_buckets/{id} response codes

HTTP Response Code	Unique Code	Description
200		The event retention bucket has been updated.
404	1002	The event retention bucket does not exist.
409	1004	The provided user does not have the required capabilities to own the event retention bucket.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the event retention bucket.

Response Description

The Retention Bucket after it is updated. A Retention Bucket object contains the following fields:

- **id** - Integer - The ID of the retention bucket.
- **bucket_id** - Integer - The Bucket ID of the retention bucket (0 - 10).
- **priority** - Integer - The priority of the retention bucket (0 - 10).

- **name** - String - The name of the retention bucket.
- **database** - String - The database of the retention bucket, EVENTS or FLOWS.
- **description** - String - The description of the retention bucket.
- **period** - Integer - The retention period in hours.
- **delete** - String - The delete protocol of the retention bucket, IMMEDIATELY or ON_DEMAND.
- **created** - Long - The time in milliseconds since epoch since the retention bucket was created.
- **modified** - Long - The time in milliseconds since epoch since the retention bucket was last modified.
- **saved_search_id** - String - The ID of the saved search that is used by the retention bucket.
- **enabled** - Boolean - True if the retention bucket is enabled.

Response Sample

```
{
  "bucket_id": 42,
  "created": 42,
  "database": "String",
  "deletion": "String <one of: ON_DEMAND, IMMEDIATELY>",
  "description": "String",
  "enabled": true,
  "id": 42,
  "modified": 42,
  "name": "String",
  "period": 42,
  "priority": 42,
  "saved_search_id": "String"
}
```

GET /config/event_sources/custom_properties/calculated_properties

SUMMARY

Retrieves a list of calculated event properties.

Retrieves a list of calculated event properties.

Table 564: GET /config/event_sources/custom_properties/calculated_properties resource details

GET /config/event_sources/custom_properties/calculated_properties resource details

MIME Type

application/json

Table 565: GET /config/event_sources/custom_properties/calculated_properties request parameter details

GET /config/event_sources/custom_properties/calculated_properties request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 565: GET /config/event_sources/custom_properties/calculated_properties request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 566: GET /config/event_sources/custom_properties/calculated_properties response codes

GET /config/event_sources/custom_properties/calculated_properties response codes

HTTP Response Code	Unique Code	Description
200		The requested list of calculated event properties was retrieved.
500	1020	An error occurred during the attempt to retrieve the list of calculated event properties.

Response Description

A list of calculated event properties. Each calculated event property contains the following fields:

- **id** - Number - A sequence id for the calculated event property.
- **identifier** - String - A string that uniquely identifies the calculated event property.
- **name** - String - The name of the calculated event property.
- **description** - String - The description of the calculated event property.
- **enabled** - Boolean - Whether the calculated event property is enabled.
- **first_operand** - String - An **operand object** describing the first operand in the expression.
- **second_operand** - String - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.

- **username** - String - The username of the creator of the calculated event property.
- **creation_date** - Number - The time stamp for when the calculated event property is created in milliseconds since epoch.
- **modification_date** - Number - The time stamp for when the calculated event property is last modified in milliseconds since epoch.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
[
  {
    "creation_date": 42,
    "description": "String",
    "enabled": true,
    "first_operand": {
      "numeric_value": 42.5,
      "property_name": "String",
      "type": "String <one of: STATIC, PROPERTY>"
    },
    "id": 42,
    "identifier": "String",
    "modification_date": 42,
    "name": "String",
    "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
    "second_operand": {
      "numeric_value": 42.5,
      "property_name": "String",
      "type": "String <one of: STATIC, PROPERTY>"
    },
    "username": "String"
  }
]
```

```
}
]
```

POST /config/event_sources/custom_properties/calculated_properties

SUMMARY

Creates a new calculated event property.

Creates a new calculated event property.

Table 567: POST /config/event_sources/custom_properties/calculated_properties resource details

POST /config/event_sources/custom_properties/calculated_properties resource details

MIME Type

application/json

Table 568: POST /config/event_sources/custom_properties/calculated_properties request parameter details

POST /config/event_sources/custom_properties/calculated_properties request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 569: POST /config/event_sources/custom_properties/calculated_properties request body details

POST /config/event_sources/custom_properties/calculated_properties request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	<p>Required - A JSON structure that contains the field_name-value pairs of the calculated event property that is to be created.</p> <ul style="list-style-type: none"> name - Required - String - The name of the calculated event property. description - Optional - String - The description of the calculated event property. Defaults to an empty string. enabled - Optional - Boolean - Whether the calculated event property is enabled. Defaults to true. first_operand - Required - Operand Object - An object describing the first operand in the expression. second_operand - Required - Operand Object - An object describing the second operand in the expression. operator - Optional -String - A string that represents one of the basic arithmetic operations in the expression. Defaults to "ADD". 	<pre>{ "description": "String", "enabled": true, "first_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "name": "String", "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>", "second_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "username": "String" }</pre>

Table 570: POST /config/event_sources/custom_properties/calculated_properties response codes

POST /config/event_sources/custom_properties/calculated_properties response codes

HTTP Response Code	Unique Code	Description
201		The new calculated event property was created.
403	1009	The requested create action is unauthorized.
409	1004	The name of the calculated property has been used.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to create a new calculated event property.

Response Description

The newly created calculated event property that contains the following fields:

- **id** - Number - A sequence id for the calculated event property.
- **identifier** - String - A string that uniquely identifies the calculated event property.
- **name** - String - The name of the calculated event property.
- **description** - String - The description of the calculated event property.
- **enabled** - Boolean - Whether the calculated event property is enabled.
- **first_operand** - String - An **operand object** describing the first operand in the expression.
- **second_operand** - String - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the calculated event property.
- **creation_date** - Number - The time stamp for when the calculated event property is created in milliseconds since epoch.

- **modification_date** - Number - The time stamp for when the calculated event property is last modified in milliseconds since epoch.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "description": "String",
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
  "modification_date": 42,
  "name": "String",
  "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
  "second_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "username": "String"
}
```


DELETE /config/event_sources/custom_properties/ calculated_properties/{calculated_property_id}

SUMMARY

Deletes the event calculated property. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Deletes the event calculated property. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Table 571: DELETE /config/event_sources/custom_properties/calculated_properties/ {calculated_property_id} resource details

DELETE /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

MIME Type

application/json

Table 572: DELETE /config/event_sources/custom_properties/calculated_properties/ {calculated_property_id} request parameter details

DELETE /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	String	text/plain	Required - String - The identifier of the event calculated property to delete.

Table 572: DELETE /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 573: DELETE /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

DELETE /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

HTTP Response Code	Unique Code	Description
202		The calculated event property deletion task was accepted and is in progress.
403	1009	The requested delete action is unauthorized.
404	1002	The requested calculated event property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to delete a calculated event property.

Response Description

A Delete Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/calculated_property_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}

SUMMARY

Retrieves a calculated event property based on the supplied calculated property identifier.

Retrieves a calculated event property based on the supplied identifier.

Table 574: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

MIME Type

application/json

Table 575: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	String	text/plain	Required - String - The identifier of the calculated event property.

Table 575: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 576: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested calculated event property was retrieved.
404	1002	The requested calculated event property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to retrieve the requested calculated event property.

Response Description

A calculated event property that contains the following fields:

- **id** - Number - A sequence id for the calculated event property.
- **identifier** - String - A string that uniquely identifies the calculated event property.

- **name** - String - The name of the calculated event property.
- **description** - String - The description of the calculated event property.
- **enabled** - Boolean - Whether the calculated event property is enabled.
- **first_operand** - String - An **operand object** describing the first operand in the expression.
- **second_operand** - String - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the calculated event property.
- **creation_date** - Number - The time stamp for when the calculated event property is created in milliseconds since epoch.
- **modification_date** - Number - The time stamp for when the calculated event property is last modified in milliseconds since epoch.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "description": "String",
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
```

```

"modification_date": 42,
"name": "String",
"operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
"second_operand": {
  "numeric_value": 42.5,
  "property_name": "String",
  "type": "String <one of: STATIC, PROPERTY>"
},
"username": "String"
}

```

POST /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}

SUMMARY

Updates an existing calculated event property.

Updates an existing calculated event property.

Table 577: POST /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

POST /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

MIME Type

application/json

Table 578: POST /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

POST /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	String	text/plain	Required - The identifier of the calculated event property.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 579: POST /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} request body details

POST /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	<p>Required - A JSON structure that contains the field_name-value pairs of the calculated event property that is to be updated.</p> <ul style="list-style-type: none"> • description - Optional - String - The description of the calculated event property. Defaults to an empty string. • enabled - Optional - Boolean - Whether the calculated event property is enabled. Defaults to true. • first_operand - Optional - Operand Object - An object describing the first operand in the expression. • second_operand - Optional - Operand Object - An object describing the second operand in the expression. • operator - Optional -String - A string that represents one of the basic arithmetic operations in the expression. Defaults to "ADD". 	<pre>{ "description": "String", "enabled": true, "first_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "name": "String", "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>", "second_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "username": "String" }</pre>

Table 580: POST /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

POST /config/event_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

HTTP Response Code	Unique Code	Description
200		The calculated event property was updated.
403	1009	The requested update action is unauthorized.
404	1002	The requested calculated event property can not be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to update a calculated event property.

Response Description

The updated calculated event property that contains the following fields:

- **id** - Number - A sequence id for the calculated event property.
- **identifier** - String - A string that uniquely identifies the calculated event property.
- **name** - String - The name of the calculated event property.
- **description** - String - The description of the calculated event property.
- **enabled** - Boolean - Whether the calculated event property is enabled.
- **first_operand** - String - An **operand object** describing the first operand in the expression.
- **second_operand** - String - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the calculated event property.
- **creation_date** - Number - The time stamp for when the calculated event property is created in milliseconds since epoch.
- **modification_date** - Number - The time stamp for when the calculated event property is last modified in milliseconds since epoch.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "description": "String",
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
  "modification_date": 42,
  "name": "String",
  "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
  "second_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "username": "String"
}
```

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents

SUMMARY

Retrieves the objects that depend on the event calculated property.

Retrieves the objects that depend on the event calculated property.

Table 581: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents resource details

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents resource details

MIME Type

application/json

Table 582: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents request parameter details

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	String	text/plain	Required - The identifier of the event calculated property to get the dependents for.

Table 582: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 583: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents response codes

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The calculated event property dependents retrieval was accepted and is in progress.
403	1009	The user does not have the required authorization to start the task for finding dependents of calculated event property.
404	1002	The requested calculated event property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to initiate the calculated event property dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/calculated_property_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.

- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
```

```

FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable

SUMMARY

Retrieves the objects that depend on the event calculated property.

Retrieves the objects that depend on the event calculated property.

Table 584: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable resource details

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable resource details

MIME Type

application/json

Table 585: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable request parameter details

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	String	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 586: GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable response codes

GET /config/event_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable response codes

HTTP Response Code	Unique Code	Description
202		The event calculated property dependents retrieval was accepted and is in progress.
403	1009	The user does not have the required authorization to start the task for finding dependents of CALCULATED event property.
404	1002	The requested CALCULATED event property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to initiate the CALCULATED event property dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/calculated_property_disabling_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.

- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
```

```

FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

GET /config/event_sources/custom_properties/ calculated_properties/dep/{calculated_property_id}

SUMMARY

Retrieves a calculated event property based on the supplied calculated property ID.

Retrieves a calculated event property based on the supplied calculated property ID (String).

Table 587: GET /config/event_sources/custom_properties/calculated_properties/dep/ {calculated_property_id} resource details

GET /config/event_sources/custom_properties/calculated_properties/dep/{calculated_property_id} resource details

MIME Type

application/json

Table 588: GET /config/event_sources/custom_properties/calculated_properties/dep/ {calculated_property_id} request parameter details

GET /config/event_sources/custom_properties/calculated_properties/dep/{calculated_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	String	text/plain	Required - String - The ID of the calculated event property.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 589: GET /config/event_sources/custom_properties/calculated_properties/dep/{calculated_property_id} response codes

GET /config/event_sources/custom_properties/calculated_properties/dep/{calculated_property_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested calculated event property was retrieved.
404	1002	The requested calculated event property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to retrieve the requested calculated event property.

Response Description

A calculated event property that contains the following fields:

- **id** - Number - A sequence id for the calculated event property.
- **identifier** - String - A string that uniquely identifies the calculated event property.

- **name** - String - The name of the calculated event property.
- **description** - String - The description of the calculated event property.
- **enabled** - Boolean - Whether the calculated event property is enabled.
- **first_operand** - String - An **operand object** describing the first operand in the expression.
- **second_operand** - String - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the calculated event property.
- **creation_date** - Number - The time stamp for when the calculated event property is created in milliseconds since epoch.
- **modification_date** - Number - The time stamp for when the calculated event property is last modified in milliseconds since epoch.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "description": "String",
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
```

```

"modification_date": 42,
"name": "String",
"operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
"second_operand": {
  "numeric_value": 42.5,
  "property_name": "String",
  "type": "String <one of: STATIC, PROPERTY>"
},
"username": "String"
}

```

GET /config/event_sources/custom_properties/calculated_property/{calculated_property_name}

SUMMARY

Retrieves a list of event calculated properties.

Retrieves a list of event calculated properties.

Table 590: GET /config/event_sources/custom_properties/calculated_property/{calculated_property_name} resource details

GET /config/event_sources/custom_properties/calculated_property/{calculated_property_name} resource details

MIME Type

application/json

Table 591: GET /config/event_sources/custom_properties/calculated_property/{calculated_property_name} request parameter details

GET /config/event_sources/custom_properties/calculated_property/{calculated_property_name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_name	path	Required	String	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 592: GET /config/event_sources/custom_properties/calculated_property/{calculated_property_name} response codes

GET /config/event_sources/custom_properties/calculated_property/{calculated_property_name} response codes

HTTP Response Code	Unique Code	Description
200		The requested Calculated event property was retrieved.
404	1002	The requested Calculated event property cannot be found.
422	1005	One or more parameters are invalid in the request.

Table 592: GET /config/event_sources/custom_properties/calculated_property/{calculated_property_name} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the requested Calculated event property.

Response Description

A calculated event property that contains the following fields:

- **id** - String - The ID of the Calculated event property.
- **name** - String - The name of the Calculated event property.
- **description** - String - The description of the Calculated event property.
- **enabled** - Boolean - Whether the Calculated event property is enabled.
- **operand1** - String - The name of a property or a numeric value as the first operand in the expression.
- **operand2** - String - The name of a property or a numeric value as the second operand in the expression.
- **operator** - String - The symbol that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the Calculated event property.
- **creation_date** - Number - The time stamp for when the Calculated event property is created in milliseconds since epoch.
- **modification_date** - Number - The time stamp for when the Calculated event property is last modified in milliseconds since epoch.

Response Sample

```
{
  "creation_date": 42,
  "description": "String",
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
  "modification_date": 42,
  "name": "String",
  "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
  "second_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "username": "String"
}
```

GET /config/event_sources/custom_properties/ calculated_property_delete_tasks/{task_id}

SUMMARY

Retrieves the status of the event calculated property delete task.

Retrieves the status of the event calculated property delete task.

Table 593: GET /config/event_sources/custom_properties/calculated_property_delete_tasks/{task_id} resource details

GET /config/event_sources/custom_properties/calculated_property_delete_tasks/{task_id} resource details

MIME Type
application/json

Table 594: GET /config/event_sources/custom_properties/calculated_property_delete_tasks/{task_id} request parameter details

GET /config/event_sources/custom_properties/calculated_property_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	Required - The ID of the calculated property delete task.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 595: GET /config/event_sources/custom_properties/calculated_property_delete_tasks/{task_id} response codes

GET /config/event_sources/custom_properties/calculated_property_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The status of the event calculated property delete task was retrieved.

Table 595: GET /config/event_sources/custom_properties/calculated_property_delete_tasks/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested task status can not be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to retrieve the status of the deletion task.

Response Description

A Delete Task Status object and the location header set to the task status URL "/api/config/event_sources/custom_properties/calculated_property_delete_tasks/{task_id}": A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /config/event_sources/custom_properties/ calculated_property_dependent_tasks/disable/{task_id}

SUMMARY

Retrieves the event calculated property dependent task status.

Retrieves the event calculated property dependent task status.

Table 596: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/ disable/{task_id} resource details

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} resource details

MIME Type

application/json

Table 597: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request parameter details

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 598: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} response codes

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The requested dependent task status cannot be found.
422	1005	The task ID is invalid in the request.
500	1020	An error occurred during the attempt to retrieve the task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.

- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
```



```

FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

POST /config/event_sources/custom_properties/ calculated_property_dependent_tasks/disable/{task_id}

SUMMARY

Cancels the calculated property dependent task.

Cancels the calculated property dependent task.

Table 599: POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/ disable/{task_id} resource details

POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} resource details

MIME Type

application/json

Table 600: POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/ disable/{task_id} request parameter details

POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 601: POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request body details

POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/ json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 602: POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} response codes

POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task was cancelled.

Table 602: POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
```

```

    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
    EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_components": [
      {
        "completed": 42,
        "created": 42,
        "maximum": 42,
        "message": "String",
        "modified": 42,
        "number_of_dependents": 42,
        "progress": 42,
        "started": 42,
        "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
    CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
        "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
    FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
    FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
    FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
    FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
    FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
    FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
    FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
    FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
    FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
    FIND_DEPENDENT_FORWARDING_PROFILE>"
      }
    ]
  }
}

```

GET /config/event_sources/custom_properties/ calculated_property_dependent_tasks/disable/{task_id}/results

SUMMARY

Retrieves the calculated property dependent task results.

Retrieves the calculated property dependent task results.

Table 603: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results resource details

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results resource details

MIME Type
application/json

Table 604: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results request parameter details

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 605: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results response codes

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The calculated property dependents were retrieved.

Table 605: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested task status cannot be found.
500	1020	An error occurred during the attempt to retrieve the task results.

Response Description

A list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
```

```

    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /config/event_sources/custom_properties/ calculated_property_dependent_tasks/{task_id}

SUMMARY

Retrieves the status of the event calculated property dependents task.

Retrieves the status of the event calculated property dependents task.

Table 606: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} resource details

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 607: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request parameter details

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	Required - The ID of the calculated property dependent task status to retrieve
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 608: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} response codes

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The status of the find dependents task was retrieved.

Table 608: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested task status can not be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to retrieves the details of a task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.

- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
```

```

    "created": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /config/event_sources/custom_properties/ calculated_property_dependent_tasks/{task_id}

SUMMARY

Cancels the event calculated property dependent task.

Cancels the event calculated property dependent task.

Table 609: POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} resource details

POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 610: POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request parameter details

POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	Required - The ID of the calculated property dependent task status to cancel
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 611: POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request body details

POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	Required - Dependent Task Status object with the status set to "CANCEL_REQUESTED" is the only acceptable input.	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 612: POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} response codes

POST /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.

- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
      FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
      FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
      FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
      FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
      FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}
```



```

    }
  ]
}

```

GET /config/event_sources/custom_properties/ calculated_property_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the calculated property dependent task results.

Retrieves the event calculated property dependent task results.

Table 613: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results resource details

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results resource details

MIME Type

application/json

Table 614: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results request parameter details

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	Required - The ID of the calculated property dependent task to retrieve results for.

Table 614: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 615: GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results response codes

GET /config/event_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The result of the find dependents task was retrieved.
404	1002	The result of the task can not be found.
500	1020	An error occurred during the attempt to retrieves the result of a task.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource

- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
    ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
    ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
    FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
    QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
    VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
    BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
    EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
    EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
    EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
    FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
    FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
    FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
    FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
    GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
    REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
    REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
    ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
    FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
```

```
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
  "user_has_edit_permissions": true
}
]
```

GET /config/event_sources/custom_properties/ calculated_property_operands

SUMMARY

Retrieves the list of available options for calculated event property operand.

Retrieves the list of available options for calculated event property operand.

Table 616: GET /config/event_sources/custom_properties/calculated_property_operands resource details

GET /config/event_sources/custom_properties/calculated_property_operands resource details

MIME Type

application/json

Table 617: GET /config/event_sources/custom_properties/calculated_property_operands request parameter details

GET /config/event_sources/custom_properties/calculated_property_operands request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 618: GET /config/event_sources/custom_properties/calculated_property_operands response codes

GET /config/event_sources/custom_properties/calculated_property_operands response codes

HTTP Response Code	Unique Code	Description
200		The list of available options for calculated event property operand was retrieved.
500	1020	An error occurred during the attempt to retrieve the available options for calculated event property operand.

Response Description

An array that contains the available options for calculated event property operand.

Response Sample

```
[
```

```
"String"
]
```

GET /config/event_sources/custom_properties/property_aql_expressions

SUMMARY

Gets the list of Custom Property AQL Expressions. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Gets the list of Custom Property AQL Expressions. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Table 619: GET /config/event_sources/custom_properties/property_aql_expressions resource details

GET /config/event_sources/custom_properties/property_aql_expressions resource details

MIME Type

application/json

Table 620: GET /config/event_sources/custom_properties/property_aql_expressions request parameter details

GET /config/event_sources/custom_properties/property_aql_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 620: GET /config/event_sources/custom_properties/property_aql_expressions request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 621: GET /config/event_sources/custom_properties/property_aql_expressions response codes

GET /config/event_sources/custom_properties/property_aql_expressions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of AQL expressions was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of AQL expressions.

Response Description

A list of AQL expressions. Each AQL expression contains the following fields:

- **id** - Integer - The sequence ID of the AQL expression.
- **identifier** - String - The unique ID of the AQL expression. This value is in the form of a UUID.

- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The AQL expression used by the event property.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the expression was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the expression was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the AQL expression.

Response Sample

```
[
  {
    "creation_date": 42,
    "enabled": true,
    "expression": "String",
    "id": 42,
    "identifier": "String",
    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
    "modification_date": 42,
    "payload": "String",
    "qid": 42,
```



```

    "regex_property_identifier": "String",
    "username": "String"
  }
]

```

POST /config/event_sources/custom_properties/ property_aql_expressions

SUMMARY

Creates a new Custom Property AQL expression. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Creates a new Custom Property AQL expression. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Table 622: POST /config/event_sources/custom_properties/property_aql_expressions resource details

POST /config/event_sources/custom_properties/property_aql_expressions resource details

MIME Type

application/json

Table 623: POST /config/event_sources/custom_properties/property_aql_expressions request parameter details

POST /config/event_sources/custom_properties/property_aql_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 624: POST /config/event_sources/custom_properties/property_aql_expressions request body details

POST /config/event_sources/custom_properties/property_aql_expressions request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the AQL expression object</p> <ul style="list-style-type: none"> • regex_property_identifier - Required - String - The identifier of the event regex property to which this expression belongs. • enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. • expression - String - The AQL expression used by the event property. • payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. • log_source_type_id - Required - Integer - The expression is only applied to events for this log source type. • log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). • qid - Optional - Integer - The expression is only 	<pre>{ "creation_date": 42, "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 624: POST /config/event_sources/custom_properties/property_aql_expressions request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>applied to events associated with this QID record.</p> <ul style="list-style-type: none"> • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. 	

Table 625: POST /config/event_sources/custom_properties/property_aql_expressions response codes

POST /config/event_sources/custom_properties/property_aql_expressions response codes

HTTP Response Code	Unique Code	Description
201		A new AQL expression was created.
422	1005	One or more request parameter are invalid in request.
500	1020	An error occurred during the attempt to create a new AQL expression.

Response Description

The newly created AQL expression that contains the following fields:

- **id** - Integer - The sequence ID of the AQL expression.
- **identifier** - String - The unique ID of the AQL expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.

- **expression** - String - The AQL expression used by the event property.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the expression was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the expression was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the AQL expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

DELETE /config/event_sources/custom_properties/ property_aql_expressions/{expression_id}

SUMMARY

Deletes a Custom Property AQL expression based on the supplied expression ID. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Deletes a Custom Property AQL expression based on the supplied expression ID. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Table 626: DELETE /config/event_sources/custom_properties/property_aql_expressions/{expression_id} resource details

DELETE /config/event_sources/custom_properties/property_aql_expressions/{expression_id} resource details

MIME Type

text/plain

Table 627: DELETE /config/event_sources/custom_properties/property_aql_expressions/{expression_id} request parameter details

DELETE /config/event_sources/custom_properties/property_aql_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the AQL expression.

Table 628: DELETE /config/event_sources/custom_properties/property_aql_expressions/{expression_id} response codes

DELETE /config/event_sources/custom_properties/property_aql_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
204		The requested AQL expression was successfully deleted.
403	1009	The user cannot delete the resource because it only can be deleted by the owner or admin user.
404	1002	The requested AQL expression cannot be found.
500	1020	An error occurred during the attempt to delete the requested AQL expression.

Response Description

Response Sample

GET /config/event_sources/custom_properties/ property_aql_expressions/{expression_id}

SUMMARY

Gets a Custom Property AQL Expression by ID. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Gets a Custom Property AQL Expression by ID. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Table 629: GET /config/event_sources/custom_properties/property_aql_expressions/{expression_id} resource details

GET /config/event_sources/custom_properties/property_aql_expressions/{expression_id} resource details

MIME Type
application/json

Table 630: GET /config/event_sources/custom_properties/property_aql_expressions/{expression_id} request parameter details

GET /config/event_sources/custom_properties/property_aql_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the AQL expression.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 631: GET /config/event_sources/custom_properties/property_aql_expressions/{expression_id} response codes

GET /config/event_sources/custom_properties/property_aql_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested AQL expression was successfully retrieved.

Table 631: GET /config/event_sources/custom_properties/property_aql_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested AQL expression cannot be found.
500	1020	An error occurred during the attempt to retrieve the requested AQL expression.

Response Description

An AQL expression that contains the following fields:

- **id** - Integer - The sequence ID of the AQL expression.
- **identifier** - String - The unique ID of the AQL expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The AQL expression used by the event property.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the expression was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the expression was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.

- **username** - String - The owner of the AQL expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

POST /config/event_sources/custom_properties/ property_aql_expressions/{expression_id}

SUMMARY

Updates a Custom Property AQL expression. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Updates a Custom Property AQL expression. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Table 632: POST /config/event_sources/custom_properties/property_aql_expressions/{expression_id} resource details

POST /config/event_sources/custom_properties/property_aql_expressions/{expression_id} resource details

MIME Type
application/json

Table 633: POST /config/event_sources/custom_properties/property_aql_expressions/{expression_id} request parameter details

POST /config/event_sources/custom_properties/property_aql_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the AQL expression.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 634: POST /config/event_sources/custom_properties/property_aql_expressions/{expression_id} request body details

POST /config/event_sources/custom_properties/property_aql_expressions/{expression_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the AQL expression object.</p> <ul style="list-style-type: none"> • regex_property_identifier - Optional - String - The identifier of the event regex property to which this expression belongs. • enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. • expression - String - The AQL expression used by the event property. • payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. • log_source_type_id - Optional - Integer - The expression is only applied to events for this log source type. • log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). • qid - Optional - Integer - The expression is only applied to events 	<pre>{ "creation_date": 42, "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 634: POST /config/event_sources/custom_properties/property_aql_expressions/{expression_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			associated with this QID record.	
			<ul style="list-style-type: none"> • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. • username - Optional - String - The owner of the AQL expression. If the input username is an authorized service, the prefix "API_token: " is required. 	

Table 635: POST /config/event_sources/custom_properties/property_aql_expressions/{expression_id} response codes

POST /config/event_sources/custom_properties/property_aql_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The AQL expression was updated.
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested AQL expression cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred during the attempt to update an AQL expression.

Response Description

The updated AQL expression object contains the following fields:

- **id** - Integer - The sequence ID of the AQL expression.
- **identifier** - String - The unique ID of the AQL expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The AQL expression used by the event property.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the expression was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the expression was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the AQL expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
```

```

    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
    "modification_date": 42,
    "payload": "String",
    "qid": 42,
    "regex_property_identifier": "String",
    "username": "String"
  }

```

GET /config/event_sources/custom_properties/ property_calculated_expressions

SUMMARY

Gets the list of Custom Property Calculated Expressions. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Gets the list of Custom Property Calculated Expressions. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Table 636: GET /config/event_sources/custom_properties/property_calculated_expressions resource details

GET /config/event_sources/custom_properties/property_calculated_expressions resource details

MIME Type

application/json

Table 637: GET /config/event_sources/custom_properties/property_calculated_expressions request parameter details

GET /config/event_sources/custom_properties/property_calculated_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 638: GET /config/event_sources/custom_properties/property_calculated_expressions response codes

GET /config/event_sources/custom_properties/property_calculated_expressions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of Calculated expressions was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of Calculated expressions.

Response Description

A list of Calculated expressions. Each Calculated expression contains the following fields:

- **id** - Integer - The sequence ID of the Calculated expression.
- **identifier** - String - The unique ID of the Calculated expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **first_operand** - Operand Object - An **operand object** describing the first operand in the expression.
- **second_operand** - Operand Object - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the expression was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the expression was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Calculated expression.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
[
  {
    "creation_date": 42,
    "enabled": true,
    "first_operand": {
      "numeric_value": 42.5,
      "property_name": "String",
      "type": "String <one of: STATIC, PROPERTY>"
    },
    "id": 42,
    "identifier": "String",
    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
    "modification_date": 42,
    "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
    "payload": "String",
    "qid": 42,
    "regex_property_identifier": "String",
    "second_operand": {
      "numeric_value": 42.5,
      "property_name": "String",
      "type": "String <one of: STATIC, PROPERTY>"
    },
    "username": "String"
  }
]
```

POST /config/event_sources/custom_properties/ property_calculated_expressions

SUMMARY

Creates a new Custom Property Calculated Expression. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Creates a new Custom Property Calculated Expression. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Table 639: POST /config/event_sources/custom_properties/property_calculated_expressions resource details

POST /config/event_sources/custom_properties/property_calculated_expressions resource details

MIME Type

application/json

Table 640: POST /config/event_sources/custom_properties/property_calculated_expressions request parameter details

POST /config/event_sources/custom_properties/property_calculated_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 641: POST /config/event_sources/custom_properties/property_calculated_expressions request body details

POST /config/event_sources/custom_properties/property_calculated_expressions request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the Calculated expression object</p> <ul style="list-style-type: none"> regex_property_identifier - Required - String - The identifier of the event regex property to which this expression belongs. enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. first_operand - Required - Operand Object - An object describing the first operand in the expression. second_operand - Required - Operand Object - An object describing the second operand in the expression. operator - Optional -String - A string that represents one of the basic arithmetic operations in the expression. Defaults to "ADD". payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. 	<pre>{ "creation_date": 42, "enabled": true, "first_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>", "payload": "String", "qid": 42, "regex_property_identifier": "String", "second_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "username": "String" }</pre>

Table 641: POST /config/event_sources/custom_properties/property_calculated_expressions request body details *(Continued)*

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • log_source_type_id - Required - Integer - The expression is only applied to events for this log source type. • log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. 	

Table 642: POST /config/event_sources/custom_properties/property_calculated_expressions response codes

POST /config/event_sources/custom_properties/property_calculated_expressions response codes

HTTP Response Code	Unique Code	Description
201		A new Calculated expression was created.
422	1005	One or more request parameter are invalid in request.
500	1020	An error occurred during the attempt to create a new Calculated expression.

Response Description

The newly created Calculated expression that contains the following fields:

- **id** - Integer - The sequence ID of the Calculated expression.
- **identifier** - String - The unique ID of the Calculated expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **first_operand** - Operand Object - An **operand object** describing the first operand in the expression.
- **second_operand** - Operand Object - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the expression was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the expression was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Calculated expression.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "second_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "username": "String"
}
```

DELETE /config/event_sources/custom_properties/ property_calculated_expressions/{expression_id}

SUMMARY

Deletes a Custom Property Calculated Expression based on the supplied expression ID. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Deletes a Custom Property Calculated Expression based on the supplied expression ID. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Table 643: DELETE /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} resource details

DELETE /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} resource details

MIME Type
text/plain

Table 644: DELETE /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} request parameter details

DELETE /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the Calculated expression.

Table 645: DELETE /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} response codes

DELETE /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
204		The requested Calculated expression was successfully deleted.
403	1009	The user cannot delete the resource because it only can be deleted by the owner or admin user.
404	1002	The requested Calculated expression cannot be found.
500	1020	An error occurred during the attempt to delete the requested Calculated expression.

Response Description

Response Sample

GET /config/event_sources/custom_properties/ property_calculated_expressions/{expression_id}

SUMMARY

Gets a Custom Property Calculated Expression by ID. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Gets a Custom Property Calculated Expression by ID. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Table 646: GET /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} resource details

GET /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} resource details

MIME Type

application/json

Table 647: GET /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} request parameter details

GET /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the Calculated expression.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 648: GET /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} response codes

GET /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested Calculated expression was successfully retrieved.
404	1002	The requested Calculated expression cannot be found.
500	1020	An error occurred during the attempt to retrieve the requested Calculated expression.

Response Description

A Calculated expression that contains the following fields:

- **id** - Integer - The sequence ID of the Calculated expression.
- **identifier** - String - The unique ID of the Calculated expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.

- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **first_operand** - Operand Object - An **operand object** describing the first operand in the expression.
- **second_operand** - Operand Object - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the expression was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the expression was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Calculated expression.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
```

```

"first_operand": {
  "numeric_value": 42.5,
  "property_name": "String",
  "type": "String <one of: STATIC, PROPERTY>"
},
"id": 42,
"identifier": "String",
"log_source_id": 42,
"log_source_type_id": 42,
"low_level_category_id": 42,
"modification_date": 42,
"operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
"payload": "String",
"qid": 42,
"regex_property_identifier": "String",
"second_operand": {
  "numeric_value": 42.5,
  "property_name": "String",
  "type": "String <one of: STATIC, PROPERTY>"
},
"username": "String"
}

```

POST /config/event_sources/custom_properties/ property_calculated_expressions/{expression_id}

SUMMARY

Updates a Custom Property Calculated Expression. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Updates a Custom Property Calculated Expression. Requires the System Administrator, Security Admin or User Defined Event Properties permission.

Table 649: POST /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} resource details

POST /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} resource details

MIME Type
application/json

Table 650: POST /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} request parameter details

POST /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the Calculated expression.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 651: POST /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} request body details

POST /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the Calculated expression object.</p> <ul style="list-style-type: none"> regex_property_identifier - Optional - String - The identifier of the event regex property to which this expression belongs. enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. first_operand - Optional - Operand Object - An object describing the first operand in the expression. second_operand - Optional - Operand Object - An object describing the second operand in the expression. operator - Optional -String - A string that represents one of the basic arithmetic operations in the expression. Defaults to "ADD". payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. log_source_type_id - Optional - Integer - The 	<pre>{ "creation_date": 42, "enabled": true, "first_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>", "payload": "String", "qid": 42, "regex_property_identifier": "String", "second_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "username": "String" }</pre>

Table 651: POST /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>expression is only applied to events for this log source type.</p> <ul style="list-style-type: none"> • log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. • username - Optional - String - The owner of the Calculated expression. If the input username is an authorized service, the prefix "API_token: " is required. 	

Table 652: POST /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} response codes

POST /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The Calculated expression was updated.

Table 652: POST /config/event_sources/custom_properties/property_calculated_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested Calculated expression cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred during the attempt to update a Calculated expression.

Response Description

The updated Calculated expression object contains the following fields:

- **id** - Integer - The sequence ID of the Calculated expression.
- **identifier** - String - The unique ID of the Calculated expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **first_operand** - Operand Object - An **operand object** describing the first operand in the expression.
- **second_operand** - Operand Object - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the expression was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the expression was last modified.

- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Calculated expression.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
```

```

"payload": "String",
"qid": 42,
"regex_property_identifier": "String",
"second_operand": {
  "numeric_value": 42.5,
  "property_name": "String",
  "type": "String <one of: STATIC, PROPERTY>"
},
"username": "String"
}

```

GET /config/event_sources/custom_properties/property_cef_expressions

SUMMARY

Retrieves a list of CEF expressions.

Retrieves a list of CEF expressions.

Table 653: GET /config/event_sources/custom_properties/property_cef_expressions resource details

GET /config/event_sources/custom_properties/property_cef_expressions resource details

MIME Type

application/json

Table 654: GET /config/event_sources/custom_properties/property_cef_expressions request parameter details

GET /config/event_sources/custom_properties/property_cef_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 655: GET /config/event_sources/custom_properties/property_cef_expressions response codes

GET /config/event_sources/custom_properties/property_cef_expressions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of CEF expressions was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of CEF expressions.

Response Description

A list of CEF expressions. Each CEF expression contains the following fields:

- **id** - Integer - The sequence ID of the CEF expression.
- **identifier** - String - The unique ID of the CEF expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The CEF expression path to find the property value from the CEF payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the CEF expression.

Response Sample

```
[
  {
    "creation_date": 42,
    "enabled": true,
    "expression": "String",
    "id": 42,
    "identifier": "String",
    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
```

```
    "modification_date": 42,  
    "payload": "String",  
    "qid": 42,  
    "regex_property_identifier": "String",  
    "username": "String"  
  }  
]
```

POST /config/event_sources/custom_properties/ property_cef_expressions

SUMMARY

Creates a new CEF expression.

Creates a new CEF expression.

Table 656: POST /config/event_sources/custom_properties/property_cef_expressions resource details

POST /config/event_sources/custom_properties/property_cef_expressions resource details

MIME Type

application/json

Table 657: POST /config/event_sources/custom_properties/property_cef_expressions request parameter details

POST /config/event_sources/custom_properties/property_cef_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 658: POST /config/event_sources/custom_properties/property_cef_expressions request body details

POST /config/event_sources/custom_properties/property_cef_expressions request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the CEF expression object</p> <ul style="list-style-type: none"> regex_property_identifier - Required - String - The identifier of the event regex property that this expression belongs to. enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. expression - Required - String - The CEF expression path to find the property value from the CEF payload. payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. log_source_type_id - Required - Integer - The expression is only applied to events for this log source type. log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). 	<pre>{ "creation_date": 42, "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 658: POST /config/event_sources/custom_properties/property_cef_expressions request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. 	

Table 659: POST /config/event_sources/custom_properties/property_cef_expressions response codes

POST /config/event_sources/custom_properties/property_cef_expressions response codes

HTTP Response Code	Unique Code	Description
201		A new CEF expression was created.
422	1005	One or more request parameter are invalid in request.
500	1020	An error occurred during the attempt to create a new CEF expression.

Response Description

The newly created CEF expression that contains the following fields:

- **id** - Integer - The sequence ID of the CEF expression.
- **identifier** - String - The unique ID of the CEF expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of event the regex property to which this expression belongs.

- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The CEF expression path to find the property value from the CEF payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the CEF expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

DELETE /config/event_sources/custom_properties/ property_cef_expressions/{expression_id}

SUMMARY

Deletes a CEF expression based on the supplied identifier.

Deletes a CEF expression based on the supplied identifier.

Table 660: DELETE /config/event_sources/custom_properties/property_cef_expressions/{expression_id} resource details

DELETE /config/event_sources/custom_properties/property_cef_expressions/{expression_id} resource details

MIME Type

text/plain

Table 661: DELETE /config/event_sources/custom_properties/property_cef_expressions/{expression_id} request parameter details

DELETE /config/event_sources/custom_properties/property_cef_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the CEF expression.

Table 662: DELETE /config/event_sources/custom_properties/property_cef_expressions/{expression_id} response codes

DELETE /config/event_sources/custom_properties/property_cef_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
204		The requested CEF expression was successfully deleted.

Table 662: DELETE /config/event_sources/custom_properties/property_cef_expressions/{expression_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
403	1009	The user cannot delete the resource because it only can be deleted by the owner or admin user.
404	1002	The requested CEF expression cannot be found.
500	1020	An error occurred during the attempt to delete the requested CEF expression.

Response Description

Response Sample

GET /config/event_sources/custom_properties/property_cef_expressions/{expression_id}

SUMMARY

Retrieves a CEF expression based on the supplied identifier.

Retrieves a CEF expression based on the supplied identifier.

Table 663: GET /config/event_sources/custom_properties/property_cef_expressions/{expression_id} resource details

GET /config/event_sources/custom_properties/property_cef_expressions/{expression_id} resource details

MIME Type
application/json

Table 664: GET /config/event_sources/custom_properties/property_cef_expressions/{expression_id} request parameter details

GET /config/event_sources/custom_properties/property_cef_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the CEF expression.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 665: GET /config/event_sources/custom_properties/property_cef_expressions/{expression_id} response codes

GET /config/event_sources/custom_properties/property_cef_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested CEF expression was successfully retrieved.
404	1002	The requested CEF expression cannot be found.

Table 665: GET /config/event_sources/custom_properties/property_cef_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the requested CEF expression.

Response Description

A CEF expression that contains the following fields:

- **id** - Integer - The sequence ID of the CEF expression.
- **identifier** - String - The unique ID of the CEF expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property that this expression belongs to.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The CEF expression path to find the property value from the CEF payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the CEF expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

POST /config/event_sources/custom_properties/ property_cef_expressions/{expression_id}

SUMMARY

Updates an existing CEF expression.

Updates an existing CEF expression.

Table 666: POST /config/event_sources/custom_properties/property_cef_expressions/{expression_id} resource details

POST /config/event_sources/custom_properties/property_cef_expressions/{expression_id} resource details

MIME Type

application/json

Table 667: POST /config/event_sources/custom_properties/property_cef_expressions/{expression_id} request parameter details

POST /config/event_sources/custom_properties/property_cef_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the CEF expression.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 668: POST /config/event_sources/custom_properties/property_cef_expressions/{expression_id} request body details

POST /config/event_sources/custom_properties/property_cef_expressions/{expression_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the CEF expression object.</p> <ul style="list-style-type: none"> • regex_property_identifier - Optional - String - The identifier of event the regex property to which this expression belongs. • enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. • expression - Optional - String - The CEF expression path to find the property value from the CEF payload. • payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. • log_source_type_id - Optional - Integer - The expression is only applied to events for this log source type. • log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). • qid - Optional - Integer - The expression is only 	<pre>{ "creation_date": 42, "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 668: POST /config/event_sources/custom_properties/property_cef_expressions/{expression_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>applied to events associated with this QID record.</p> <ul style="list-style-type: none"> • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. • username - Optional - String - The owner of the CEF expression. If the input username is an authorized service, the prefix "API_token: " is required. 	

Table 669: POST /config/event_sources/custom_properties/property_cef_expressions/{expression_id} response codes

POST /config/event_sources/custom_properties/property_cef_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The CEF expression was updated.
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested CEF expression cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred during the attempt to update a CEF expression.

Response Description

The updated CEF expression object contains the following fields:

- **id** - Integer - The sequence ID of the CEF expression.
- **identifier** - String - The unique ID of the CEF expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of event the regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The CEF expression path to find the property value from the CEF payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the CEF expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
```

```
"payload": "String",  
"qid": 42,  
"regex_property_identifier": "String",  
"username": "String"  
}
```

GET /config/event_sources/custom_properties/property_expressions

SUMMARY

Retrieves a list of event regex property expressions.

Retrieves a list of event regex property expressions.

Table 670: GET /config/event_sources/custom_properties/property_expressions resource details

GET /config/event_sources/custom_properties/property_expressions resource details

MIME Type

application/json

Table 671: GET /config/event_sources/custom_properties/property_expressions request parameter details

GET /config/event_sources/custom_properties/property_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 672: GET /config/event_sources/custom_properties/property_expressions response codes

GET /config/event_sources/custom_properties/property_expressions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of event regex property expressions was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of event regex property expressions.

Response Description

A list of event regex property expressions. Each regex property expression contains the following fields:

- **id** - Integer - The sequence ID of the event regex property expression.
- **identifier** - String - The unique ID of the event regex property expression. This value is typically in the form of a UUID, with the exception of some legacy event regex property expressions.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **regex** - String - The regex to extract the property from the payload.
- **capture_group** - Integer - The capture group to capture.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the event regex property expression.

Response Sample

```
[
  {
    "capture_group": 42,
    "creation_date": 42,
    "enabled": true,
    "id": 42,
    "identifier": "String",
    "log_source_id": 42,
```

```
"log_source_type_id": 42,  
"low_level_category_id": 42,  
"modification_date": 42,  
"payload": "String",  
"qid": 42,  
"regex": "String",  
"regex_property_identifier": "String",  
"username": "String"  
}  
]
```

POST /config/event_sources/custom_properties/property_expressions

SUMMARY

Creates a new event regex property expression.

Creates a new event regex property expression.

Table 673: POST /config/event_sources/custom_properties/property_expressions resource details

POST /config/event_sources/custom_properties/property_expressions resource details

MIME Type

application/json

Table 674: POST /config/event_sources/custom_properties/property_expressions request parameter details

POST /config/event_sources/custom_properties/property_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 675: POST /config/event_sources/custom_properties/property_expressions request body details

POST /config/event_sources/custom_properties/property_expressions request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the regex property expression object</p> <ul style="list-style-type: none"> • regex_property_identifier - Required - String - The identifier of the event regex property to which this expression belongs. • enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. • regex - Required - String - The regex to extract the property from the payload. • capture_group - Optional - Integer - The capture group to capture. It defaults to 1 if not provided. • payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. • log_source_type_id - Required - Integer - The expression is only applied to events for this log source type. • log_source_id - Optional - Integer - The expression is 	<pre>{ "capture_group": 42, "creation_date": 42, "enabled": true, "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex": "String", "regex_property_identifier": "String", "username": "String" }</pre>

Table 675: POST /config/event_sources/custom_properties/property_expressions request body details
(Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>only applied to events for this log source (more specific than type alone).</p> <ul style="list-style-type: none"> • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. 	

Table 676: POST /config/event_sources/custom_properties/property_expressions response codes

POST /config/event_sources/custom_properties/property_expressions response codes

HTTP Response Code	Unique Code	Description
201		A new event regex property expression was created.
422	1005	One or more request parameter are invalid in request.
500	1020	An error occurred during the attempt to create a new event regex property expression.

Response Description

The newly created event regex property expression that contains the following fields:

- **id** - Integer - The sequence ID of the event regex property expression.

- **identifier** - String - The unique ID of the event regex property expression. This value is typically in the form of a UUID, with the exception of some legacy event regex property expressions.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **regex** - String - The regex to extract the property from the payload.
- **capture_group** - Integer - The capture group to capture.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the event regex property expression.

Response Sample

```
{
  "capture_group": 42,
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex": "String",
```

```

    "regex_property_identifier": "String",
    "username": "String"
  }

```

DELETE /config/event_sources/custom_properties/ property_expressions/{expression_id}

SUMMARY

Deletes an event regex property expression based on the supplied identifier.

Deletes a event regex property expression based on the supplied identifier.

Table 677: DELETE /config/event_sources/custom_properties/property_expressions/{expression_id} resource details

DELETE /config/event_sources/custom_properties/property_expressions/{expression_id} resource details

MIME Type

text/plain

Table 678: DELETE /config/event_sources/custom_properties/property_expressions/{expression_id} request parameter details

DELETE /config/event_sources/custom_properties/property_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the event regex property expression.

Table 679: DELETE /config/event_sources/custom_properties/property_expressions/{expression_id} response codes

DELETE /config/event_sources/custom_properties/property_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
204		The requested event regex property expression was successfully deleted.
403	1009	The user cannot delete the resource because it only can be deleted by the owner or admin user.
404	1002	The requested event regex property expression cannot be found.
500	1020	An error occurred during the attempt to delete the requested event regex property expression.

Response Description

Response Sample

GET /config/event_sources/custom_properties/property_expressions/{expression_id}

SUMMARY

Retrieves a event regex property expression based on the supplied identifier.

Retrieves a event regex property expression based on the supplied identifier.

Table 680: GET /config/event_sources/custom_properties/property_expressions/{expression_id} resource details

GET /config/event_sources/custom_properties/property_expressions/{expression_id} resource details

MIME Type

application/json

Table 681: GET /config/event_sources/custom_properties/property_expressions/{expression_id} request parameter details

GET /config/event_sources/custom_properties/property_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the event regex property expression.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 682: GET /config/event_sources/custom_properties/property_expressions/{expression_id} response codes

GET /config/event_sources/custom_properties/property_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested event regex property expression was successfully retrieved.
404	1002	The requested event regex property expression cannot be found.
500	1020	An error occurred during the attempt to retrieve the requested event regex property expression.

Response Description

A event regex property expression that contains the following fields:

- **id** - Integer - The sequence ID of the event regex property expression.
- **identifier** - String - The unique ID of the event regex property expression. This value is typically in the form of a UUID, with the exception of some legacy event regex property expressions.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **regex** - String - The regex to extract the property from the payload.
- **capture_group** - Integer - The capture group to capture.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.

- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the event regex property expression.

Response Sample

```
{
  "capture_group": 42,
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex": "String",
  "regex_property_identifier": "String",
  "username": "String"
}
```

POST /config/event_sources/custom_properties/property_expressions/{expression_id}

SUMMARY

Updates an existing event regex property expression.

Updates an existing event regex property expression.

Table 683: POST /config/event_sources/custom_properties/property_expressions/{expression_id} resource details

POST /config/event_sources/custom_properties/property_expressions/{expression_id} resource details

MIME Type
application/json

Table 684: POST /config/event_sources/custom_properties/property_expressions/{expression_id} request parameter details

POST /config/event_sources/custom_properties/property_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the event regex property expression.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 685: POST /config/event_sources/custom_properties/property_expressions/{expression_id} request body details

POST /config/event_sources/custom_properties/property_expressions/{expression_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the event regex property expression object.</p> <ul style="list-style-type: none"> • regex_property_identifier - Optional - String - The identifier of the event regex property to which this expression belongs. • enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. • regex - Optional - String - The regex to extract the property from the payload. • capture_group - Optional - Integer - The capture group to capture. • payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. • log_source_type_id - Optional - Integer - The expression is only applied to events for this log source type. • log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). 	<pre>{ "capture_group": 42, "creation_date": 42, "enabled": true, "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex": "String", "regex_property_identifier": "String", "username": "String" }</pre>

Table 685: POST /config/event_sources/custom_properties/property_expressions/{expression_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. • username - Optional - String - The owner of the event regex property expression. If the input username is authorized service, the prefix "API_token: " is required. 	

Table 686: POST /config/event_sources/custom_properties/property_expressions/{expression_id} response codes

POST /config/event_sources/custom_properties/property_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The event regex property expression was updated.
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested event regex property expression cannot be found.
422	1005	One or more parameters are invalid in request.

Table 686: POST /config/event_sources/custom_properties/property_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to update an event regex property expression.

Response Description

The updated event regex property expression object contains the following fields:

- **id** - Integer - The sequence ID of the event regex property expression.
- **identifier** - String - The unique ID of the event regex property expression. This value is typically in the form of a UUID, with the exception of some legacy event regex property expressions.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **regex** - String - The regex to extract the property from the payload.
- **capture_group** - Integer - The capture group to capture.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the event regex property expression.

Response Sample

```
{
  "capture_group": 42,
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex": "String",
  "regex_property_identifier": "String",
  "username": "String"
}
```

GET /config/event_sources/custom_properties/ property_genericlist_expressions

SUMMARY

Retrieves a list of Generic List expressions.

Retrieves a list of Generic List expressions.

Table 687: GET /config/event_sources/custom_properties/property_genericlist_expressions resource details

GET /config/event_sources/custom_properties/property_genericlist_expressions resource details

MIME Type

application/json

Table 688: GET /config/event_sources/custom_properties/property_genericlist_expressions request parameter details

GET /config/event_sources/custom_properties/property_genericlist_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 689: GET /config/event_sources/custom_properties/property_genericlist_expressions response codes

GET /config/event_sources/custom_properties/property_genericlist_expressions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of Generic List expressions was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of Generic List expressions.

Response Description

A list of Generic List expressions. Each Generic List expression contains the following fields:

- **id** - Integer - The sequence ID of the Generic List expression.
- **identifier** - String - The unique ID of the Generic List expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The Generic List expression path to find the property value from the Generic List payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Generic List expression.
- **delimiter** - String - The delimiter between each member in a Generic List expression.

Response Sample

```
[
  {
    "creation_date": 42,
    "delimiter": "String",
    "enabled": true,
    "expression": "String",
    "id": 42,
    "identifier": "String",
    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
    "modification_date": 42,
    "payload": "String",
    "qid": 42,
    "regex_property_identifier": "String",
    "username": "String"
  }
]
```

POST /config/event_sources/custom_properties/ property_genericlist_expressions

SUMMARY

Creates a new Generic List expression.

Creates a new Generic List expression.

Table 690: POST /config/event_sources/custom_properties/property_genericlist_expressions resource details

POST /config/event_sources/custom_properties/property_genericlist_expressions resource details

MIME Type

application/json

Table 691: POST /config/event_sources/custom_properties/property_genericlist_expressions request parameter details

POST /config/event_sources/custom_properties/property_genericlist_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 692: POST /config/event_sources/custom_properties/property_genericlist_expressions request body details

POST /config/event_sources/custom_properties/property_genericlist_expressions request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the Generic List expression object</p> <ul style="list-style-type: none"> regex_property_identifier - Required - String - The identifier of the event regex property to which this expression belongs to. enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. expression - Required - String - The Generic List expression path to find the property value from the Generic List payload. payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. log_source_type_id - Required - Integer - The expression is only applied to events for this log source type. log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). 	<pre>{ "creation_date": 42, "delimiter": "String", "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 692: POST /config/event_sources/custom_properties/property_genericlist_expressions request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. • delimiter - String - The delimiter between each member in a Generic List expression. 	

Table 693: POST /config/event_sources/custom_properties/property_genericlist_expressions response codes

POST /config/event_sources/custom_properties/property_genericlist_expressions response codes

HTTP Response Code	Unique Code	Description
201		A new Generic List expression was created.
422	1005	One or more request parameter are invalid in request.
500	1020	An error occurred during the attempt to create a new Generic List expression.

Response Description

The newly created Generic List expression that contains the following fields:

- **id** - Integer - The sequence ID of the Generic List expression.
- **identifier** - String - The unique ID of the Generic List expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The Generic List expression path to find the property value from the Generic List payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Generic List expression.
- **delimiter** - String - The delimiter between each member in a Generic List expression.

Response Sample

```
{
  "creation_date": 42,
  "delimiter": "String",
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
```

```

"qid": 42,
"regex_property_identifier": "String",
"username": "String"
}

```

DELETE /config/event_sources/custom_properties/ property_genericlist_expressions/{expression_id}

SUMMARY

Deletes a Generic List expression based on the supplied identifier.

Deletes a Generic List expression based on the supplied identifier.

Table 694: DELETE /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} resource details

DELETE /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} resource details

MIME Type

text/plain

Table 695: DELETE /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} request parameter details

DELETE /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the Ariel Generic List Expression.

Table 696: DELETE /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} response codes

DELETE /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
204		The requested Generic List expression was successfully deleted.
403	1009	The user cannot delete the resource because it only can be deleted by the owner or admin user.
404	1002	The requested Generic List expression cannot be found.
500	1020	An error occurred during the attempt to delete the requested Generic List expression.

Response Description

Response Sample

GET /config/event_sources/custom_properties/ property_genericlist_expressions/{expression_id}

SUMMARY

Retrieves a Generic List expression based on the supplied identifier.

Retrieves a Generic List expression based on the supplied identifier.

Table 697: GET /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} resource details

GET /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} resource details

MIME Type

application/json

Table 698: GET /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} request parameter details

GET /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the Generic List expression.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 699: GET /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} response codes

GET /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested Generic List expression was successfully retrieved.
404	1002	The requested Generic List expression cannot be found.
500	1020	An error occurred during the attempt to retrieve the requested Generic List expression.

Response Description

A Generic List expression that contains the following fields:

- **id** - Integer - The sequence ID of the Generic List expression.
- **identifier** - String - The unique ID of the Generic List expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The Generic List expression path to find the property value from the Generic List payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.

- **username** - String - The delimiter between each member in a Generic List expression.
- **delimiter** - String - The delimiter between each member in a Generic List expression.

Response Sample

```
{
  "creation_date": 42,
  "delimiter": "String",
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

POST /config/event_sources/custom_properties/ property_genericlist_expressions/{expression_id}

SUMMARY

Updates an existing Generic List expression.

Updates an existing Generic List expression.

Table 700: POST /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} resource details

POST /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} resource details

MIME Type
application/json

Table 701: POST /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} request parameter details

POST /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the Generic List expression.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 702: POST /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} request body details

POST /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the Generic List expression object.</p> <ul style="list-style-type: none"> • regex_property_identifier - Optional - String - The identifier of the event regex property to which this expression belongs to. • enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. • expression - Optional - String - The Generic List expression path to find the property value from the Generic List payload. • payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. • log_source_type_id - Optional - Integer - The expression is only applied to events for this log source type. • log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). • qid - Optional - Integer - The expression is only 	<pre>{ "creation_date": 42, "delimiter": "String", "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 702: POST /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>applied to events associated with this QID record.</p> <ul style="list-style-type: none"> • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. • username - Optional - String - The owner of the Generic List expression. If the input username is an authorized service, the prefix "API_token: " is required. • delimiter - String - The owner of the Generic List expression. 	

Table 703: POST /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} response codes

POST /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The Generic List expression was updated.
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested Generic List expression cannot be found.
422	1005	One or more parameters are invalid in request.

Table 703: POST /config/event_sources/custom_properties/property_genericlist_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to update an Generic List expression.

Response Description

The updated Generic List expression object contains the following fields:

- **id** - Integer - The sequence ID of the Generic List expression.
- **identifier** - String - The unique ID of the Generic List expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The Generic List expression path to find the property value from the Generic List payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Generic List expression.
- **delimiter** - String - The delimiter between each member in a Generic List expression.

Response Sample

```
{
  "creation_date": 42,
  "delimiter": "String",
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

GET /config/event_sources/custom_properties/ property_json_expressions

SUMMARY

Retrieves a list of JSON expressions.

Retrieves a list of JSON expressions.

Table 704: GET /config/event_sources/custom_properties/property_json_expressions resource details

GET /config/event_sources/custom_properties/property_json_expressions resource details

MIME Type

application/json

Table 705: GET /config/event_sources/custom_properties/property_json_expressions request parameter details

GET /config/event_sources/custom_properties/property_json_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 706: GET /config/event_sources/custom_properties/property_json_expressions response codes

GET /config/event_sources/custom_properties/property_json_expressions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of json expressions was retrieved.

Table 706: GET /config/event_sources/custom_properties/property_json_expressions response codes
(Continued)

HTTP Response Code	Unique Code	Description
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of json expressions.

Response Description

A list of JSON expressions. Each JSON expression contains the following fields:

- **id** - Integer - The sequence ID of the JSON expression.
- **identifier** - String - The unique ID of the JSON expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The JSON expression path to find the property value from the JSON payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the JSON expression.

Response Sample

```
[
  {
    "creation_date": 42,
    "enabled": true,
    "expression": "String",
    "id": 42,
    "identifier": "String",
    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
    "modification_date": 42,
    "payload": "String",
    "qid": 42,
    "regex_property_identifier": "String",
    "username": "String"
  }
]
```

POST /config/event_sources/custom_properties/ property_json_expressions

SUMMARY

Creates a new JSON expression.

Creates a new JSON expression.

Table 707: POST /config/event_sources/custom_properties/property_json_expressions resource details

POST /config/event_sources/custom_properties/property_json_expressions resource details

MIME Type

application/json

Table 708: POST /config/event_sources/custom_properties/property_json_expressions request parameter details

POST /config/event_sources/custom_properties/property_json_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 709: POST /config/event_sources/custom_properties/property_json_expressions request body details

POST /config/event_sources/custom_properties/property_json_expressions request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the JSON expression object</p> <ul style="list-style-type: none"> • regex_property_identifier - String - The identifier of the event regex property to which this expression belongs. • enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. • expression - Required - String - The JSON expression path to find the property value from the JSON payload. • payload - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. • log_source_type_id - Required - Integer - The expression is only applied to events for this log source type. • log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). 	<pre>{ "creation_date": 42, "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 709: POST /config/event_sources/custom_properties/property_json_expressions request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. 	

Table 710: POST /config/event_sources/custom_properties/property_json_expressions response codes

POST /config/event_sources/custom_properties/property_json_expressions response codes

HTTP Response Code	Unique Code	Description
201		A new JSON expression was created.
422	1005	One or more request parameter are invalid in request.
500	1020	An error occurred during the attempt to create a new json expression.

Response Description

The newly created JSON expression that contains the following fields:

- **id** - Integer - The sequence ID of the JSON expression.
- **identifier** - String - The unique ID of the JSON expression. This value is in the form of a UUID
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.

- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The JSON expression path to find the property value from the JSON payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the JSON expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

DELETE /config/event_sources/custom_properties/ property_json_expressions/{expression_id}

SUMMARY

Deletes a JSON expression based on the supplied identifier.

Deletes a JSON expression based on the supplied identifier.

Table 711: DELETE /config/event_sources/custom_properties/property_json_expressions/{expression_id} resource details

DELETE /config/event_sources/custom_properties/property_json_expressions/{expression_id} resource details

MIME Type

text/plain

Table 712: DELETE /config/event_sources/custom_properties/property_json_expressions/{expression_id} request parameter details

DELETE /config/event_sources/custom_properties/property_json_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the JSON expression.

Table 713: DELETE /config/event_sources/custom_properties/property_json_expressions/{expression_id} response codes

DELETE /config/event_sources/custom_properties/property_json_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
204		The requested JSON expression was successfully deleted.

Table 713: DELETE /config/event_sources/custom_properties/property_json_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
403	1009	The user cannot delete the resource because it only can be deleted by the owner or admin user.
404	1002	The requested json expression cannot be found.
500	1020	An error occurred during the attempt to delete the requested json expression.

Response Description

Response Sample

GET /config/event_sources/custom_properties/property_json_expressions/{expression_id}

SUMMARY

Retrieves a JSON expression based on the supplied identifier.

Retrieves a JSON expression based on the supplied identifier.

Table 714: GET /config/event_sources/custom_properties/property_json_expressions/{expression_id} resource details

GET /config/event_sources/custom_properties/property_json_expressions/{expression_id} resource details

MIME Type
application/json

Table 715: GET /config/event_sources/custom_properties/property_json_expressions/{expression_id} request parameter details

GET /config/event_sources/custom_properties/property_json_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the Ariel_property_JSON_expression.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 716: GET /config/event_sources/custom_properties/property_json_expressions/{expression_id} response codes

GET /config/event_sources/custom_properties/property_json_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested json expression was successfully retrieved.

Table 716: GET /config/event_sources/custom_properties/property_json_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested json expression cannot be found.
500	1020	An error occurred during the attempt to retrieve the requested json expression.

Response Description

A JSON expression that contains the following fields:

- **id** - Integer - The sequence ID of the JSON expression.
- **identifier** - String - The unique ID of the JSON expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The JSON expression path to find the property value from the JSON payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the JSON expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

POST /config/event_sources/custom_properties/ property_json_expressions/{expression_id}

SUMMARY

Updates an existing JSON expression.

Updates an existing JSON expression.

Table 717: POST /config/event_sources/custom_properties/property_json_expressions/ {expression_id} resource details

POST /config/event_sources/custom_properties/property_json_expressions/{expression_id} resource details

MIME Type

application/json

Table 718: POST /config/event_sources/custom_properties/property_json_expressions/{expression_id} request parameter details

POST /config/event_sources/custom_properties/property_json_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the JSON expression.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 719: POST /config/event_sources/custom_properties/property_json_expressions/{expression_id} request body details

POST /config/event_sources/custom_properties/property_json_expressions/{expression_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	<p>Required - A JSON representation of the JSON expression object.</p> <ul style="list-style-type: none"> • regex_property_identifier - String - The identifier of the event regex property to which this expression belongs. • enabled - Boolean - Flag that indicates whether this expression is enabled. • expression - String - The JSON expression path to find the property value from the JSON payload. • payload - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. • log_source_type_id - Optional - Integer - The expression is only applied to events for this log source type. • log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). • qid - Optional - Integer - The expression is only applied to events associated with this QID record. 	<pre>{ "creation_date": 42, "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 719: POST /config/event_sources/custom_properties/property_json_expressions/{expression_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. • username - Optional - String - The owner of the JSON expression. If the input username is an authorized service, the prefix "API_token: " is required. 	

Table 720: POST /config/event_sources/custom_properties/property_json_expressions/{expression_id} response codes

POST /config/event_sources/custom_properties/property_json_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The JSON expression was updated.
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested json expression cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred during the attempt to update a json expression.

Response Description

The updated JSON expression object contains the following fields:

- **id** - Integer - The sequence ID of the JSON expression.
- **identifier** - String - The unique ID of the JSON expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The JSON expression path to find the property value from the JSON payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the JSON expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
```

```
"payload": "String",  
"qid": 42,  
"regex_property_identifier": "String",  
"username": "String"  
}
```

GET /config/event_sources/custom_properties/ property_leef_expressions

SUMMARY

Retrieves the list of LEEF Expressions.

Retrieves the list of LEEF Expressions.

Table 721: GET /config/event_sources/custom_properties/property_leef_expressions resource details

GET /config/event_sources/custom_properties/property_leef_expressions resource details

MIME Type

application/json

Table 722: GET /config/event_sources/custom_properties/property_leef_expressions request parameter details

GET /config/event_sources/custom_properties/property_leef_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 723: GET /config/event_sources/custom_properties/property_leef_expressions response codes

GET /config/event_sources/custom_properties/property_leef_expressions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of LEEF Expressions was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of LEEF Expressions.

Response Description

A list of LEEF expressions. Each LEEF Expression contains the following fields:

- **id** - Integer - The sequence ID of the LEEF Expression.
- **identifier** - String - The unique ID of the LEEF expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The key of the corresponding property value from the LEEF payload.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the property was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the property was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type.
- **log_source_id** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source. Must be the id of an existing log source.
- **qid** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type.
- **low_level_category_id** - Short - The expression is only applied to events with this low level category.
- **username** - String - The owner of the LEEF expression.

Response Sample

```
[
  {
    "creation_date": 42,
    "enabled": true,
    "expression": "String",
```



```

    "id": 42,
    "identifier": "String",
    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
    "modification_date": 42,
    "payload": "String",
    "qid": 42,
    "regex_property_identifier": "String",
    "username": "String"
  }
]

```

POST /config/event_sources/custom_properties/property_leef_expressions

SUMMARY

Creates a new LEEF Expression.

Creates a new LEEF Expression.

Table 724: POST /config/event_sources/custom_properties/property_leef_expressions resource details

POST /config/event_sources/custom_properties/property_leef_expressions resource details

MIME Type

application/json

Table 725: POST /config/event_sources/custom_properties/property_leef_expressions request parameter details

POST /config/event_sources/custom_properties/property_leef_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 726: POST /config/event_sources/custom_properties/property_leef_expressions request body details

POST /config/event_sources/custom_properties/property_leef_expressions request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the LEEF Expression object</p> <ul style="list-style-type: none"> regex_property_identifier - Required - String - The identifier of the event regex property to which this expression belongs. enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. expression - Required - String - The key of the corresponding property value from the LEEF payload. payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. log_source_type_id - Required - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type. log_source_id - Optional - Integer - Optional field. If 	<pre>{ "creation_date": 42, "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 726: POST /config/event_sources/custom_properties/property_leef_expressions request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>provided, this restricts the LEEF Expression to only evaluate against events for this log source. Must be the id of an existing log source.</p> <ul style="list-style-type: none"> • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type. 	

Table 727: POST /config/event_sources/custom_properties/property_leef_expressions response codes

POST /config/event_sources/custom_properties/property_leef_expressions response codes

HTTP Response Code	Unique Code	Description
201		A new LEEF Expression was created.
422	1005	One or more request parameter are invalid in request.
500	1020	An error occurred during the attempt to create a new LEEF Expression.

Response Description

The newly created LEEF Expression that contains the following fields:

- **id** - Integer - The sequence ID of the LEEF Expression.
- **identifier** - String - The unique ID of the LEEF expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The key of the corresponding property value from the LEEF payload.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the property was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the property was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type.
- **log_source_id** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source. Must be the id of an existing log source.
- **qid** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type.
- **low_level_category_id** - Short - The expression is only applied to events with this low level category.
- **username** - String - The owner of the LEEF expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
```

```

    "identifier": "String",
    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
    "modification_date": 42,
    "payload": "String",
    "qid": 42,
    "regex_property_identifier": "String",
    "username": "String"
  }

```

DELETE /config/event_sources/custom_properties/ property_leef_expressions/{expression_id}

SUMMARY

Deletes a LEEF Expression based on the supplied identifier.

Deletes a LEEF Expression based on the supplied identifier.

Table 728: DELETE /config/event_sources/custom_properties/property_leef_expressions/ {expression_id} resource details

DELETE /config/event_sources/custom_properties/property_leef_expressions/{expression_id} resource details

MIME Type

text/plain

Table 729: DELETE /config/event_sources/custom_properties/property_leef_expressions/ {expression_id} request parameter details

DELETE /config/event_sources/custom_properties/property_leef_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the LEEF Expression.

Table 730: DELETE /config/event_sources/custom_properties/property_leef_expressions/{expression_id} response codes

DELETE /config/event_sources/custom_properties/property_leef_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
204		The requested LEEF Expression was successfully deleted.
403	1009	The user cannot delete the resource because it only can be deleted by the owner or admin user.
404	1002	The requested LEEF Expression cannot be found.
500	1020	An error occurred during the attempt to delete the requested LEEF Expression.

Response Description

Response Sample

GET /config/event_sources/custom_properties/ property_leef_expressions/{expression_id}

SUMMARY

Retrieves a LEEF Expression based on the supplied identifier.

Retrieves a LEEF Expression based on the supplied identifier.

Table 731: GET /config/event_sources/custom_properties/property_leef_expressions/{expression_id} resource details

GET /config/event_sources/custom_properties/property_leef_expressions/{expression_id} resource details

MIME Type

application/json

Table 732: GET /config/event_sources/custom_properties/property_leef_expressions/{expression_id} request parameter details

GET /config/event_sources/custom_properties/property_leef_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the LEEF Expression to be retrieved.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 733: GET /config/event_sources/custom_properties/property_leef_expressions/{expression_id} response codes

GET /config/event_sources/custom_properties/property_leef_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested LEEF Expression was successfully retrieved.
404	1002	The requested LEEF Expression cannot be found.
500	1020	An error occurred during the attempt to retrieve the requested LEEF Expression.

Response Description

A LEEF Expression that contains the following fields:

- **id** - Integer - The sequence ID of the LEEF Expression.
- **identifier** - String - The unique ID of the LEEF expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The key of the corresponding property value from the LEEF payload.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the property was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the property was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type.
- **log_source_id** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source. Must be the id of an existing log source.

- **qid** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type.
- **low_level_category_id** - Short - The expression is only applied to events with this low level category.
- **username** - String - The owner of the LEEF expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

POST /config/event_sources/custom_properties/ property_leef_expressions/{expression_id}

SUMMARY

Updates an existing LEEF Expression.

Updates an existing LEEF Expression.

Table 734: POST /config/event_sources/custom_properties/property_leef_expressions/{expression_id} resource details

POST /config/event_sources/custom_properties/property_leef_expressions/{expression_id} resource details

MIME Type
application/json

Table 735: POST /config/event_sources/custom_properties/property_leef_expressions/{expression_id} request parameter details

POST /config/event_sources/custom_properties/property_leef_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the LEEF Expression.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 736: POST /config/event_sources/custom_properties/property_leef_expressions/{expression_id} request body details

POST /config/event_sources/custom_properties/property_leef_expressions/{expression_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the LEEF Expression object.</p> <ul style="list-style-type: none"> regex_property_identifier - Required - String - The identifier of the event regex property to which this expression belongs. enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. expression - Required - String - The key of the corresponding property value from the LEEF payload. payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. log_source_type_id - Required - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type. log_source_id - Optional - Integer - Optional field. If 	<pre>{ "creation_date": 42, "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 736: POST /config/event_sources/custom_properties/property_leef_expressions/{expression_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>provided, this restricts the LEEF Expression to only evaluate against events for this log source. Must be the id of an existing log source.</p> <ul style="list-style-type: none"> • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type. • username - Optional - String - The owner of the LEEF Expression. If the input username is an authorized service, the prefix "API_token: " is required. 	

Table 737: POST /config/event_sources/custom_properties/property_leef_expressions/{expression_id} response codes

POST /config/event_sources/custom_properties/property_leef_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The LEEF Expression was updated.

Table 737: POST /config/event_sources/custom_properties/property_leef_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested LEEF Expression cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred during the attempt to update a LEEF Expression.

Response Description

The updated LEEF Expression object contains the following fields:

- **id** - Integer - The sequence ID of the LEEF Expression.
- **identifier** - String - The unique ID of the LEEF expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The key of the corresponding property value from the LEEF payload.
- **creation_date** - Long - The epoch timestamp in milliseconds of the time the property was created.
- **modification_date** - Long - The epoch timestamp in milliseconds of the time the property was last modified.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type.

- **log_source_id** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source. Must be the id of an existing log source.
- **qid** - Integer - Optional field. If provided, this restricts the LEEF Expression to only evaluate against events for this log source type. Must be the id of an existing log source type.
- **low_level_category_id** - Short - The expression is only applied to events with this low level category.
- **username** - String - The owner of the LEEF expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

GET /config/event_sources/custom_properties/ property_nvp_expressions

SUMMARY

Retrieves a list of Name Value Pair expressions.

Retrieves a list of Name Value Pair expressions.

Table 738: GET /config/event_sources/custom_properties/property_nvp_expressions resource details

GET /config/event_sources/custom_properties/property_nvp_expressions resource details

MIME Type
application/json

Table 739: GET /config/event_sources/custom_properties/property_nvp_expressions request parameter details

GET /config/event_sources/custom_properties/property_nvp_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 740: GET /config/event_sources/custom_properties/property_nvp_expressions response codes

GET /config/event_sources/custom_properties/property_nvp_expressions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of nvp expressions was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of nvp expressions.

Response Description

A list of Name Value Pair expressions. Each Name Value Pair expression contains the following fields:

- **id** - Integer - The sequence ID of the Name Value Pair expression.
- **identifier** - String - The unique ID of the Name Value Pair expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The Name Value Pair expression path to find the property value from the Name Value Pair payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Name Value Pair expression.

- **delimiter_pair** - String - The delimiter between each pair in the Name Value Pair expression.
- **delimiter_name_value** - String - The delimiter between the name and value in each pair Name Value Pair expression.

Response Sample

```
[
  {
    "creation_date": 42,
    "delimiter_name_value": "String",
    "delimiter_pair": "String",
    "enabled": true,
    "expression": "String",
    "id": 42,
    "identifier": "String",
    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
    "modification_date": 42,
    "payload": "String",
    "qid": 42,
    "regex_property_identifier": "String",
    "username": "String"
  }
]
```

POST /config/event_sources/custom_properties/ property_nvp_expressions

SUMMARY

Creates a new Name Value Pair expression.

Creates a new Name Value Pair expression.

Table 741: POST /config/event_sources/custom_properties/property_nvp_expressions resource details

POST /config/event_sources/custom_properties/property_nvp_expressions resource details

MIME Type
application/json

Table 742: POST /config/event_sources/custom_properties/property_nvp_expressions request parameter details

POST /config/event_sources/custom_properties/property_nvp_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 743: POST /config/event_sources/custom_properties/property_nvp_expressions request body details

POST /config/event_sources/custom_properties/property_nvp_expressions request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the Name Value Pair expression object</p> <ul style="list-style-type: none"> regex_property_identifier - Required - String - The identifier of the event regex property to which this expression belongs. enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. expression - Required - String - The Name Value Pair expression path to find the property value from the Name Value Pair payload. payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. log_source_type_id - Required - Integer - The expression is only applied to events for this log source type. log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). 	<pre>{ "creation_date": 42, "delimiter_name_value": "String", "delimiter_pair": "String", "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 743: POST /config/event_sources/custom_properties/property_nvp_expressions request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. • delimiter_pair - String - The delimiter between each pair in the Name Value Pair expression. • delimiter_name_value - String - The delimiter between the name and value in each pair Name Value Pair expression. 	

Table 744: POST /config/event_sources/custom_properties/property_nvp_expressions response codes

POST /config/event_sources/custom_properties/property_nvp_expressions response codes

HTTP Response Code	Unique Code	Description
201		A new Name Value Pair expression was created.
422	1005	One or more request parameter are invalid in request.
500	1020	An error occurred during the attempt to create a new nvp expression.

Response Description

The newly created Name Value Pair expression that contains the following fields:

- **id** - Integer - The sequence ID of the Name Value Pair expression.
- **identifier** - String - The unique ID of the Name Value Pair expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The Name Value Pair expression path to find the property value from the Name Value Pair payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Name Value Pair expression.
- **delimiter_pair** - String - The delimiter between each pair in the Name Value Pair expression.
- **delimiter_name_value** - String - The delimiter between the name and value in each pair Name Value Pair expression.

Response Sample

```
{
  "creation_date": 42,
  "delimiter_name_value": "String",
  "delimiter_pair": "String",
```

```

    "enabled": true,
    "expression": "String",
    "id": 42,
    "identifier": "String",
    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
    "modification_date": 42,
    "payload": "String",
    "qid": 42,
    "regex_property_identifier": "String",
    "username": "String"
  }

```

DELETE /config/event_sources/custom_properties/ property_nvp_expressions/{expression_id}

SUMMARY

Deletes a Name Value Pair expression based on the supplied identifier.

Deletes a Name Value Pair expression based on the supplied identifier.

Table 745: DELETE /config/event_sources/custom_properties/property_nvp_expressions/ {expression_id} resource details

DELETE /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} resource details

MIME Type

text/plain

Table 746: DELETE /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request parameter details

DELETE /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the Name Value Pair Expression.

Table 747: DELETE /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} response codes

DELETE /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
204		The requested Name Value Pair expression was successfully deleted.
403	1009	The user cannot delete the resource because it only can be deleted by the owner or admin user.
404	1002	The requested nvp expression cannot be found.
500	1020	An error occurred during the attempt to delete the requested nvp expression.

Response Description

Response Sample

GET /config/event_sources/custom_properties/ property_nvp_expressions/{expression_id}

SUMMARY

Retrieves a Name Value Pair expression based on the supplied identifier.

Retrieves a Name Value Pair expression based on the supplied identifier.

Table 748: GET /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} resource details

GET /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} resource details

MIME Type

application/json

Table 749: GET /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request parameter details

GET /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the Name Value Pair expression.

Table 749: GET /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 750: GET /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} response codes

GET /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested nvp expression was successfully retrieved.
404	1002	The requested nvp expression cannot be found.
500	1020	An error occurred during the attempt to retrieve the requested nvp expression.

Response Description

A Name Value Pair expression that contains the following fields:

- **id** - Integer - The sequence ID of the Name Value Pair expression.
- **identifier** - String - The unique ID of the Name Value Pair expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.

- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The Name Value Pair expression path to find the property value from the Name Value Pair payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Name Value Pair expression.
- **delimiter_pair** - String - The delimiter between each pair in the Name Value Pair expression.
- **delimiter_name_value** - String - The delimiter between the name and value in each pair Name Value Pair expression.

Response Sample

```
{
  "creation_date": 42,
  "delimiter_name_value": "String",
  "delimiter_pair": "String",
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
```

```
"username": "String"
}
```

POST /config/event_sources/custom_properties/ property_nvp_expressions/{expression_id}

SUMMARY

Updates an existing Name Value Pair expression.

Updates an existing Name Value Pair expression.

Table 751: POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} resource details

POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} resource details

MIME Type

application/json

Table 752: POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request parameter details

POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the Name Value Pair expression.

Table 752: POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 753: POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request body details

POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the Name Value Pair expression object.</p> <ul style="list-style-type: none"> regex_property_identifier - Optional - String - The identifier of the event regex property to which this expression belongs. enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. expression - Optional - String - The Name Value Pair expression path to find the property value from the Name Value Pair payload. payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. log_source_type_id - Optional - Integer - The expression is only applied to events for this log source type. log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). 	<pre>{ "creation_date": 42, "delimiter_name_value": "String", "delimiter_pair": "String", "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 753: POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. • username - Optional - String - The owner of the Name Value Pair expression. If the input username is an authorized service, the prefix "API_token: " is required. • delimiter_pair - String - The delimiter between each pair in the Name Value Pair expression. • delimiter_name_value - String - The delimiter between the name and value in each pair Name Value Pair expression. 	

Table 754: POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} response codes

POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The Name Value Pair expression was updated.

Table 754: POST /config/event_sources/custom_properties/property_nvp_expressions/{expression_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested nvp expression cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred during the attempt to update a nvp expression.

Response Description

The updated Name Value Pair expression object contains the following fields:

- **id** - Integer - The sequence ID of the Name Value Pair expression.
- **identifier** - String - The unique ID of the Name Value Pair expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The Name Value Pair expression path to find the property value from the Name Value Pair payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.

- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the Name Value Pair expression.
- **delimiter_pair** - String - The delimiter between each pair in the Name Value Pair expression.
- **delimiter_name_value** - String - The delimiter between the name and value in each pair Name Value Pair expression.

Response Sample

```
{
  "creation_date": 42,
  "delimiter_name_value": "String",
  "delimiter_pair": "String",
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

GET /config/event_sources/custom_properties/ property_xml_expressions

SUMMARY

Retrieves a list of XML expressions.

Retrieves a list of XML expressions.

Table 755: GET /config/event_sources/custom_properties/property_xml_expressions resource details

GET /config/event_sources/custom_properties/property_xml_expressions resource details

MIME Type

application/json

Table 756: GET /config/event_sources/custom_properties/property_xml_expressions request parameter details

GET /config/event_sources/custom_properties/property_xml_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 757: GET /config/event_sources/custom_properties/property_xml_expressions response codes

GET /config/event_sources/custom_properties/property_xml_expressions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of XML expressions was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of XML expressions.

Response Description

A list of XML expressions. Each XML expression contains the following fields:

- **id** - Integer - The sequence ID of the XML expression.
- **identifier** - String - The unique ID of the XML expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The XML expression path to find the property value from the XML payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the XML expression.

Response Sample

```
[
  {
    "creation_date": 42,
    "enabled": true,
    "expression": "String",
    "id": 42,
    "identifier": "String",
    "log_source_id": 42,
    "log_source_type_id": 42,
    "low_level_category_id": 42,
    "modification_date": 42,
    "payload": "String",
    "qid": 42,
    "regex_property_identifier": "String",
    "username": "String"
  }
]
```

POST /config/event_sources/custom_properties/ property_xml_expressions

SUMMARY

Creates a new XML expression.

Creates a new XML expression.

Table 758: POST /config/event_sources/custom_properties/property_xml_expressions resource details

POST /config/event_sources/custom_properties/property_xml_expressions resource details

MIME Type

application/json

Table 759: POST /config/event_sources/custom_properties/property_xml_expressions request parameter details

POST /config/event_sources/custom_properties/property_xml_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 760: POST /config/event_sources/custom_properties/property_xml_expressions request body details

POST /config/event_sources/custom_properties/property_xml_expressions request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the XML expression object</p> <ul style="list-style-type: none"> regex_property_identifier - Required - String - The identifier of the event regex property to which this expression belongs. enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. expression - Required - String - The XML expression path to find the property value from the XML payload. payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. log_source_type_id - Required - Integer - The expression is only applied to events for this log source type. log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). 	<pre>{ "creation_date": 42, "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 760: POST /config/event_sources/custom_properties/property_xml_expressions request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • qid - Optional - Integer - The expression is only applied to events associated with this QID record. • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. 	

Table 761: POST /config/event_sources/custom_properties/property_xml_expressions response codes

POST /config/event_sources/custom_properties/property_xml_expressions response codes

HTTP Response Code	Unique Code	Description
201		A new XML expression was created.
422	1005	One or more request parameter are invalid in request.
500	1020	An error occurred during the attempt to create a new XML expression.

Response Description

The newly created XML expression that contains the following fields:

- **id** - Integer - The sequence ID of the XML expression.
- **identifier** - String - The unique ID of the XML expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.

- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The XML expression path to find the property value from the XML payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the XML expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```


DELETE /config/event_sources/custom_properties/ property_xml_expressions/{expression_id}

SUMMARY

Deletes an XML expression based on the supplied identifier.

Deletes an XML expression based on the supplied identifier.

Table 762: DELETE /config/event_sources/custom_properties/property_xml_expressions/{expression_id} resource details

DELETE /config/event_sources/custom_properties/property_xml_expressions/{expression_id} resource details

MIME Type

text/plain

Table 763: DELETE /config/event_sources/custom_properties/property_xml_expressions/{expression_id} request parameter details

DELETE /config/event_sources/custom_properties/property_xml_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the XML expression.

Table 764: DELETE /config/event_sources/custom_properties/property_xml_expressions/{expression_id} response codes

DELETE /config/event_sources/custom_properties/property_xml_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
204		The requested XML expression was successfully deleted.

Table 764: DELETE /config/event_sources/custom_properties/property_xml_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
403	1009	The user cannot delete the resource because it only can be deleted by the owner or admin user.
404	1002	The requested XML expression cannot be found.
500	1020	An error occurred during the attempt to delete the requested XML expression.

Response Description

Response Sample

GET /config/event_sources/custom_properties/property_xml_expressions/{expression_id}

SUMMARY

Retrieves a XML expression based on the supplied identifier.

Retrieves a XML expression based on the supplied identifier.

Table 765: GET /config/event_sources/custom_properties/property_xml_expressions/{expression_id} resource details

GET /config/event_sources/custom_properties/property_xml_expressions/{expression_id} resource details

MIME Type
application/json

Table 766: GET /config/event_sources/custom_properties/property_xml_expressions/{expression_id} request parameter details

GET /config/event_sources/custom_properties/property_xml_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the XML expression.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 767: GET /config/event_sources/custom_properties/property_xml_expressions/{expression_id} response codes

GET /config/event_sources/custom_properties/property_xml_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested XML expression was successfully retrieved.
404	1002	The requested XML expression cannot be found.

Table 767: GET /config/event_sources/custom_properties/property_xml_expressions/{expression_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the requested XML expression.

Response Description

An XML expression that contains the following fields:

- **id** - Integer - The sequence ID of the XML expression.
- **identifier** - String - The unique ID of the XML expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The XML expression path to find the property value from the XML payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the XML expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "qid": 42,
  "regex_property_identifier": "String",
  "username": "String"
}
```

POST /config/event_sources/custom_properties/ property_xml_expressions/{expression_id}

SUMMARY

Updates an existing XML expression.

Updates an existing XML expression.

Table 768: POST /config/event_sources/custom_properties/property_xml_expressions/{expression_id} resource details

POST /config/event_sources/custom_properties/property_xml_expressions/{expression_id} resource details

MIME Type

application/json

Table 769: POST /config/event_sources/custom_properties/property_xml_expressions/{expression_id} request parameter details

POST /config/event_sources/custom_properties/property_xml_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	String	text/plain	Required - The identifier of the XML expression.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 770: POST /config/event_sources/custom_properties/property_xml_expressions/{expression_id} request body details

POST /config/event_sources/custom_properties/property_xml_expressions/{expression_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the XML expression object.</p> <ul style="list-style-type: none"> • regex_property_identifier - Optional - String - The identifier of the event regex property to which this expression belongs. • enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. • expression - Optional - String - The XML expression path to find the property value from the XML payload. • payload - Optional - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload. • log_source_type_id - Optional - Integer - The expression is only applied to events for this log source type. • log_source_id - Optional - Integer - The expression is only applied to events for this log source (more specific than type alone). • qid - Optional - Integer - The expression is only 	<pre>{ "creation_date": 42, "enabled": true, "expression": "String", "id": 42, "identifier": "String", "log_source_id": 42, "log_source_type_id": 42, "low_level_category_id": 42, "modification_date": 42, "payload": "String", "qid": 42, "regex_property_identifier": "String", "username": "String" }</pre>

Table 770: POST /config/event_sources/custom_properties/property_xml_expressions/{expression_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>applied to events associated with this QID record.</p> <ul style="list-style-type: none"> • low_level_category_id - Optional - Integer - The expression is only applied to events with this low level category. • username - Optional - String - The owner of the XML expression. If the input username is an authorized service, the prefix "API_token: " is required. 	

Table 771: POST /config/event_sources/custom_properties/property_xml_expressions/{expression_id} response codes

POST /config/event_sources/custom_properties/property_xml_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The XML expression was updated.
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested XML expression cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred during the attempt to update an XML expression.

Response Description

The updated XML expression object contains the following fields:

- **id** - Integer - The sequence ID of the XML expression.
- **identifier** - String - The unique ID of the XML expression. This value is in the form of a UUID.
- **regex_property_identifier** - String - The identifier of the event regex property to which this expression belongs.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **expression** - String - The XML expression path to find the property value from the XML payload.
- **payload** - String - Test payload. This parameter is only used in the UI so that you can verify that your expression matches the expected payload.
- **log_source_type_id** - Integer - The expression is only applied to events for this log source type.
- **log_source_id** - Integer - The expression is only applied to events for this log source (more specific than type alone).
- **qid** - Integer - The expression is only applied to events associated with this QID record.
- **low_level_category_id** - Integer - The expression is only applied to events with this low level category.
- **username** - String - The owner of the XML expression.

Response Sample

```
{
  "creation_date": 42,
  "enabled": true,
  "expression": "String",
  "id": 42,
  "identifier": "String",
  "log_source_id": 42,
  "log_source_type_id": 42,
  "low_level_category_id": 42,
  "modification_date": 42,
```

```
"payload": "String",  
"qid": 42,  
"regex_property_identifier": "String",  
"username": "String"  
}
```

GET /config/event_sources/custom_properties/regex_properties

SUMMARY

Retrieves a list of event regex properties.

Retrieves a list of event regex properties.

Table 772: GET /config/event_sources/custom_properties/regex_properties resource details

GET /config/event_sources/custom_properties/regex_properties resource details

MIME Type

application/json

Table 773: GET /config/event_sources/custom_properties/regex_properties request parameter details

GET /config/event_sources/custom_properties/regex_properties request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 774: GET /config/event_sources/custom_properties/regex_properties response codes

GET /config/event_sources/custom_properties/regex_properties response codes

HTTP Response Code	Unique Code	Description
200		The requested list of event regex properties was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of event regex properties.

Response Description

A list of event regex properties. Each regex property contains the following fields:

- **id** - Integer - The sequence ID of the event regex property.
- **identifier** - String - The ID of the event regex property.
- **name** - String - The name of the event regex property.
- **username** - String - The owner of the event regex property.
- **description** - String - The description of the event regex property.
- **property_type** - String - The property type (STRING, NUMERIC, IP, PORT, TIME) of event regex property.
- **use_for_rule_engine** - Boolean - The flag to indicate if the event regex property is parsed when the event is received.
- **datetime_format** - String - The date/time pattern that the event regex property matches.
- **locale** - String - The Language tag of what locale the Property matches.
- **auto_discovered** - Boolean - The flag to indicate if the event regex property is generated by custom properties discovery engine.

Response Sample

```
[
  {
    "auto_discovered": true,
    "creation_date": 42,
    "datetime_format": "String",
    "description": "String",
    "id": 42,
    "identifier": "String",
    "locale": "String",
    "modification_date": 42,
    "name": "String",
    "property_type": "String <one of: string, numeric, ip, port, time>",
    "use_for_rule_engine": true,
```

```

    "username": "String"
  }
]

```

POST /config/event_sources/custom_properties/regex_properties

SUMMARY

Creates a new event regex property.

Creates a new event regex property.

Table 775: POST /config/event_sources/custom_properties/regex_properties resource details

POST /config/event_sources/custom_properties/regex_properties resource details

MIME Type

application/json

Table 776: POST /config/event_sources/custom_properties/regex_properties request parameter details

POST /config/event_sources/custom_properties/regex_properties request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 777: POST /config/event_sources/custom_properties/regex_properties request body details

POST /config/event_sources/custom_properties/regex_properties request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	<p>Required - A JSON representation of the event regex property object.</p> <ul style="list-style-type: none"> • name - Required - String - The name of the event regex property. • description - Optional - String - The description of the event regex property. • property_type - Required - String - The property type (string, numeric, ip, port, time) of event regex property. • use_for_rule_engine - Optional - Boolean - The flag to indicate if the event regex property is parsed when the event is received. It is false if no value supplied. • datetime_format - Optional - String - The date/time pattern that the event regex property matches.. It is required when property type is TIME. • locale - Optional - String - The language tag of the locale that the property matches. The locale is required when the property type is TIME. 	<pre>{ "creation_date": 42, "datetime_format": "String", "description": "String", "id": 42, "identifier": "String", "locale": "String", "modification_date": 42, "name": "String", "property_type": "String <one of: string, numeric, ip, port, time>", "use_for_rule_engine": true, "username": "String" }</pre>

Table 778: POST /config/event_sources/custom_properties/regex_properties response codes

POST /config/event_sources/custom_properties/regex_properties response codes

HTTP Response Code	Unique Code	Description
201		A new event regex property was created.
422	1005	One or more request parameter are invalid in the request.
500	1020	An error occurred during the attempt to create a new event regex property.

Response Description

The newly created event regex property that contains the following fields:

- **id** - Integer - The sequence ID of the event regex property.
- **identifier** - String - The ID of the event regex property.
- **name** - String - The name of the event regex property.
- **username** - String - The owner of the event regex property.
- **description** - String - The description of the event regex property.
- **property_type** - String - The property type (string, numeric, ip, port, time) of event regex property.
- **use_for_rule_engine** - Boolean - The flag to indicate if the event regex property is parsed when the event is received.
- **datetime_format** - String - The date/time pattern that the event regex property matches.
- **locale** - String - The language tag of the locale that the property matches.
- **auto_discovered** - Boolean - The flag to indicate if the event regex property is generated by custom properties discovery engine.

Response Sample

```
{
  "auto_discovered": true,
  "creation_date": 42,
  "datetime_format": "String",
  "description": "String",
  "id": 42,
  "identifier": "String",
  "locale": "String",
  "modification_date": 42,
  "name": "String",
  "property_type": "String <one of: string, numeric, ip, port, time>",
  "use_for_rule_engine": true,
  "username": "String"
}
```

DELETE /config/event_sources/custom_properties/regex_properties/{regex_property_id}

SUMMARY

Deletes an event regex property. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task is started to do this check.

Deletes an event regex property. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task is started to do this check.

Table 779: DELETE /config/event_sources/custom_properties/regex_properties/{regex_property_id} resource details

DELETE /config/event_sources/custom_properties/regex_properties/{regex_property_id} resource details

MIME Type

application/json

Table 780: DELETE /config/event_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

DELETE /config/event_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_property_id	path	Required	String	text/plain	Required - The identifier of the event regex property to delete.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 781: DELETE /config/event_sources/custom_properties/regex_properties/{regex_property_id} response codes

DELETE /config/event_sources/custom_properties/regex_properties/{regex_property_id} response codes

HTTP Response Code	Unique Code	Description
202		The event regex property delete request was accepted and is in progress.
403	1009	The user cannot delete the regex_property because it only can be deleted by the owner or admin user.
404	1002	The requested event regex property cannot be found.

Table 781: DELETE /config/event_sources/custom_properties/regex_properties/{regex_property_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred while attempting to delete the event regex property.

Response Description

A Delete Task Status object and the location header set to the task status URL `/api/config/event_sources/custom_properties/regex_property_delete_tasks/{task_id}`". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
```

```

    "id": 42,
    "message": "String",
    "modified": 42,
    "name": "String",
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
    EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
  }

```

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}

SUMMARY

Retrieves a event regex property based on the supplied regex property ID.

Retrieves a event regex property based on the supplied regex property ID.

Table 782: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id} resource details

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id} resource details

MIME Type

application/json

Table 783: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_property_id	path	Required	String	text/plain	Required - The identifier of the event_regex_property.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 784: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id} response codes

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested event regex property was successfully retrieved.
404	1002	The requested event regex property cannot be found.
500	1020	An error occurred during the attempt to retrieve the requested event regex property.

Response Description

A event regex property that contains the following fields:

- **id** - Integer - The sequence ID of the event regex property.
- **identifier** - String - The ID of the event regex property.
- **name** - String - The name of the event regex property.

- **username** - String - The owner of the event regex property.
- **description** - String - The description of the event regex property.
- **property_type** - String - The property type (string, numeric, ip, port, time) of the event regex property.
- **use_for_rule_engine** - Boolean - The flag to indicate if the event regex property is parsed when the event is received.
- **datetime_format** - String - The date/time pattern that the event regex property matches.
- **locale** - String - The language tag of the locale that the property matches.
- **auto_discovered** - Boolean - The flag to indicate if the event regex property is generated by custom properties discovery engine.

Response Sample

```
{
  "auto_discovered": true,
  "creation_date": 42,
  "datetime_format": "String",
  "description": "String",
  "id": 42,
  "identifier": "String",
  "locale": "String",
  "modification_date": 42,
  "name": "String",
  "property_type": "String <one of: string, numeric, ip, port, time>",
  "use_for_rule_engine": true,
  "username": "String"
}
```

POST /config/event_sources/custom_properties/regex_properties/{regex_property_id}

SUMMARY

Updates an existing event regex property.

Updates an existing event regex property.

Table 785: POST /config/event_sources/custom_properties/regex_properties/{regex_property_id} resource details

POST /config/event_sources/custom_properties/regex_properties/{regex_property_id} resource details

MIME Type

application/json

Table 786: POST /config/event_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

POST /config/event_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_property_id	path	Required	String	text/plain	Required - The identifier of the event regex property.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 787: POST /config/event_sources/custom_properties/regex_properties/{regex_property_id} request body details

POST /config/event_sources/custom_properties/regex_properties/{regex_property_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the event regex property object.</p> <ul style="list-style-type: none"> • description - Optional - String - The description of the event regex property. • property_type - Optional - String - The property type (string, numeric, ip, port, time) of event regex property. • use_for_rule_engine - Optional - Boolean - The flag to indicate if the event regex property is parsed when the event is received. • datetime_format - Optional - String - The date/time pattern that the event regex property matches. It is required when property type is TIME. • locale - Optional - String - The language tag of the locale that the property matches. The locale is required when the property type is TIME. • username - Optional - String - The owner of the event regex property. If the input username is authorized service, the prefix "API_token: " is required. 	<pre>{ "creation_date": 42, "datetime_format": "String", "description": "String", "id": 42, "identifier": "String", "locale": "String", "modification_date": 42, "name": "String", "property_type": "String <one of: string, numeric, ip, port, time>", "use_for_rule_engine": true, "username": "String" }</pre>

Table 788: POST /config/event_sources/custom_properties/regex_properties/{regex_property_id} response codes

POST /config/event_sources/custom_properties/regex_properties/{regex_property_id} response codes

HTTP Response Code	Unique Code	Description
200		The event regex property was updated.
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested event regex property cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred during the attempt to update an event regex property.

Response Description

The updated event regex property object contains the following fields:

- **id** - Integer - The sequence ID of the event regex property.
- **identifier** - String - The ID of the event regex property.
- **name** - String - The name of the event regex property.
- **username** - String - The owner of the event regex property.
- **description** - String - The description of the event regex property.
- **property_type** - String - The property type (string, numeric, ip, port, time) of event regex property.
- **use_for_rule_engine** - Boolean - The flag to indicate if the event regex property is parsed when the event is received.
- **datetime_format** - String - The date/time pattern that the event regex property matches.
- **locale** - String - The language tag of the locale the the property matches.

- **auto_discovered** - Boolean - The flag to indicate if the event regex property is generated by custom properties discovery engine.

Response Sample

```
{
  "auto_discovered": true,
  "creation_date": 42,
  "datetime_format": "String",
  "description": "String",
  "id": 42,
  "identifier": "String",
  "locale": "String",
  "modification_date": 42,
  "name": "String",
  "property_type": "String <one of: string, numeric, ip, port, time>",
  "use_for_rule_engine": true,
  "username": "String"
}
```

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents

SUMMARY

Retrieves the objects that depend on the event regex property.

Retrieves the objects that depend on the event regex property.

Table 789: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents resource details

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents resource details

MIME Type

application/json

Table 790: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents request parameter details

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_property_id	path	Required	String	text/plain	Required - The identifier of the event regex property to get the dependents for.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 791: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents response codes

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The event regex property dependents retrieval was accepted and is in progress.
404	1002	The event regex property does not exist.
500	1020	An error occurred while attempting to initiate the event regex property dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/regex_property_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.

- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
```

```

FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type

SUMMARY

Retrieves the objects that depend on the event regex property for changing type of field for it.

Retrieves the objects that depend on the event regex property for changing field type of it.

Table 792: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type resource details

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type resource details

MIME Type

application/json

Table 793: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type request parameter details

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_property_id	path	Required	String	text/plain	Required - The identifier of the event regex property to get the dependents for.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 794: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type response codes

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type response codes

HTTP Response Code	Unique Code	Description
202		The event regex property dependents retrieval was accepted and is in progress.
404	1002	The event regex property does not exist.
500	1020	An error occurred while attempting to initiate the event regex property dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
  CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
  FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
  FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
  FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
  FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
  FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
  FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
  FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
  FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
  FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
  FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}
```

```

    }
  ]
}

```

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/disable

SUMMARY

Retrieves the objects that depend on the event regex property for disabling it.

Retrieves the objects that depend on the event regex property for disabling it.

Table 795: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/disable resource details

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/disable resource details

MIME Type

application/json

Table 796: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/disable request parameter details

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/disable request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_property_id	path	Required	String	text/plain	Required - The identifier of the event regex property to get the dependents for.

Table 796: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/disable request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 797: GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/disable response codes

GET /config/event_sources/custom_properties/regex_properties/{regex_property_id}/dependents/disable response codes

HTTP Response Code	Unique Code	Description
202		The event regex property dependents retrieval was accepted and is in progress.
404	1002	The event regex property does not exist.
500	1020	An error occurred while attempting to initiate the event regex property dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/regex_property_disabling_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.

- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
      FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
      FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
      FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
      FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
      FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}
```

```

    }
  ]
}

```

GET /config/event_sources/custom_properties/ regex_property_delete_tasks/{task_id}

SUMMARY

Retrieves the event regex property delete task status.

Retrieves the event regex property delete task status.

Table 798: GET /config/event_sources/custom_properties/regex_property_delete_tasks/{task_id} resource details

GET /config/event_sources/custom_properties/regex_property_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 799: GET /config/event_sources/custom_properties/regex_property_delete_tasks/{task_id} request parameter details

GET /config/event_sources/custom_properties/regex_property_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 799: GET /config/event_sources/custom_properties/regex_property_delete_tasks/{task_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 800: GET /config/event_sources/custom_properties/regex_property_delete_tasks/{task_id} response codes

GET /config/event_sources/custom_properties/regex_property_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.
404	1002	The requested delete task status cannot be found.
422	1005	The task ID is invalid in the request.
500	1020	An error occurred during the attempt to retrieve the delete task status.

Response Description

A Delete Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/regex_property_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.

- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /config/event_sources/custom_properties/ regex_property_dependent_tasks/change_field_type/{task_id}

SUMMARY

Retrieves the event regex property dependent task status.

Retrieves the event regex property dependent task status.

Table 801: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} resource details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} resource details

MIME Type

application/json

Table 802: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request parameter details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 803: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} response codes

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The requested dependent task status cannot be found.
422	1005	The task ID is invalid in the request.
500	1020	An error occurred during the attempt to retrieve the task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.

- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
```

```

    "created": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /config/event_sources/custom_properties/ regex_property_dependent_tasks/change_field_type/{task_id}

SUMMARY

Cancels the regex property dependent task.

Cancels the regex property dependent task.

Table 804: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} resource details

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} resource details

MIME Type

application/json

Table 805: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request parameter details

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 806: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request body details

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 807: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} response codes

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task was cancelled.
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.

- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```

{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```



```

    }
  ]
}

```

GET /config/event_sources/custom_properties/ regex_property_dependent_tasks/change_field_type/{task_id}/results

SUMMARY

Retrieves the regex property dependent task results.

Retrieves the regex property dependent task results.

Table 808: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/ change_field_type/{task_id}/results resource details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/
results resource details

MIME Type

application/json

Table 809: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/ change_field_type/{task_id}/results request parameter details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/
results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 809: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/results request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 810: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/results response codes

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The regex property dependents were retrieved.
404	1002	The requested task status cannot be found.
500	1020	An error occurred during the attempt to retrieve the task results.

Response Description

A list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource

- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
```

```
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
  "user_has_edit_permissions": true
}
]
```

GET /config/event_sources/custom_properties/ regex_property_dependent_tasks/disable/{task_id}

SUMMARY

Retrieves the event regex property dependent task status.

Retrieves the event regex property dependent task status.

Table 811: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} resource details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} resource details

MIME Type

application/json

Table 812: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 812: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 813: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} response codes

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The requested dependent task status cannot be found.
422	1005	The task ID is invalid in the request.
500	1020	An error occurred during the attempt to retrieve the task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.

- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
  CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
  FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
  FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
  FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
  FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
  FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
  FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
  FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
  FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
  FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
  FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}
```

```

    }
  ]
}

```

POST /config/event_sources/custom_properties/ regex_property_dependent_tasks/disable/{task_id}

SUMMARY

Cancels the regex property dependent task.

Cancels the regex property dependent task.

Table 814: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} resource details

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} resource details

MIME Type

application/json

Table 815: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 815: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 816: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request body details

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 817: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} response codes

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task was cancelled.

Table 817: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
```

```

    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
    EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_components": [
      {
        "completed": 42,
        "created": 42,
        "maximum": 42,
        "message": "String",
        "modified": 42,
        "number_of_dependents": 42,
        "progress": 42,
        "started": 42,
        "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
    CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
        "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
    FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
    FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
    FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
    FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
    FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
    FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
    FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
    FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
    FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
    FIND_DEPENDENT_FORWARDING_PROFILE>"
      }
    ]
  }
}

```

GET /config/event_sources/custom_properties/ regex_property_dependent_tasks/disable/{task_id}/results

SUMMARY

Retrieves the regex property dependent task results.

Retrieves the regex property dependent task results.

Table 818: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results resource details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results resource details

MIME Type
application/json

Table 819: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results request parameter details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 820: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results response codes

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The regex property dependents were retrieved.

Table 820: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested task status cannot be found.
500	1020	An error occurred during the attempt to retrieve the task results.

Response Description

A list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
```

```

    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /config/event_sources/custom_properties/ regex_property_dependent_tasks/{task_id}

SUMMARY

Retrieves the event regex property dependent task status.

Retrieves the event regex property dependent task status.

Table 821: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} resource details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 822: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} request parameter details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 823: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} response codes

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.

Table 823: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested dependent task status cannot be found.
422	1005	The task ID is invalid in the request.
500	1020	An error occurred during the attempt to retrieve the task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL "/api/config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.

- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
```

```

    "created": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /config/event_sources/custom_properties/ regex_property_dependent_tasks/{task_id}

SUMMARY

Cancels the regex property dependent task.

Cancels the regex property dependent task.

Table 824: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} resource details

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 825: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} request parameter details

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 826: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} request body details

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 827: POST /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} response codes

POST /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task was cancelled.
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.

- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```

{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
  CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
  FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
  FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
  FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
  FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
  FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
  FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
  FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
  FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
  FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
  FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

```

    }
  ]
}

```

GET /config/event_sources/custom_properties/ regex_property_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the regex property dependent task results.

Retrieves the regex property dependent task results.

Table 828: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results resource details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results resource details

MIME Type

application/json

Table 829: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results request parameter details

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 829: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 830: GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results response codes

GET /config/event_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The regex property dependents were retrieved.
404	1002	The requested task status cannot be found.
500	1020	An error occurred during the attempt to retrieve the task results.

Response Description

A list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource
- **dependent_type** - String - The type of the dependent resource

- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
```

```

CALCULATED_EXPRESSION>",
  "user_has_edit_permissions": true
}
]

```

GET /config/event_sources/disconnected_log_collectors

SUMMARY

Retrieves a list of disconnected log collectors.

Table 831: GET /config/event_sources/disconnected_log_collectors resource details

GET /config/event_sources/disconnected_log_collectors resource details

MIME Type

application/json

Table 832: GET /config/event_sources/disconnected_log_collectors request parameter details

GET /config/event_sources/disconnected_log_collectors request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 832: GET /config/event_sources/disconnected_log_collectors request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 833: GET /config/event_sources/disconnected_log_collectors response codes

GET /config/event_sources/disconnected_log_collectors response codes

HTTP Response Code	Unique Code	Description
200		The disconnected log collectors were retrieved successfully.
422	1001	Invalid field.
422	1002	Invalid filter.
422	1003	Invalid sort criteria.

Table 833: GET /config/event_sources/disconnected_log_collectors response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1004	Sort not supported on field.
500	1000	An error occurred during the attempt to retrieve the disconnected log collectors.

Response Description

The list of all disconnected log collectors. A disconnected log collector contains the following fields:

- **id** - ID - The ID of the disconnected log collector.
- **uuid** - UUID - The UUID of the disconnected log collector.
- **name** - String - The name of the Disconnected Log Collector.
- **description** - String - The description of the Disconnected Log Collector.
- **version** - String - The version of the Disconnected Log Collector.
- **protocol** - Enumeration - The transport protocol used by the Disconnected Log Collector to send events to JSA. Possible Values are TLS and UDP.

Response Sample

```
[
  {
    "description": "String",
    "id": 42,
    "name": "String",
    "protocol": "String",
    "uuid": "String",
    "version": "String"
```

```
}
]
```

POST /config/event_sources/disconnected_log_collectors

SUMMARY

Creates a new disconnected log collector. A disconnected log collector contains the following fields:

- **id** - ID - The ID of the disconnected log collector.
- **uuid** - UUID - The UUID of the disconnected log collector.
- **name** - String - The name of the Disconnected Log Collector.
- **description** - String - The description of the Disconnected Log Collector.
- **version** - String - The version of the Disconnected Log Collector.
- **protocol** - Enumeration - The transport protocol used by the Disconnected Log Collector to send events to JSA. Possible Values are TLS and UDP.

Table 834: POST /config/event_sources/disconnected_log_collectors resource details

POST /config/event_sources/disconnected_log_collectors resource details

MIME Type

application/json

Table 835: POST /config/event_sources/disconnected_log_collectors request parameter details

POST /config/event_sources/disconnected_log_collectors request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 836: POST /config/event_sources/disconnected_log_collectors request body details

POST /config/event_sources/disconnected_log_collectors request body details

Parameter	Data Type	MIME Type	Description	Sample
disconnected_log_collector	Object	application/json	The disconnected log collector to create.	{ "description": "String", "name": "String", "protocol": "String", "uuid": "String", "version": "String" }

Table 837: POST /config/event_sources/disconnected_log_collectors response codes

POST /config/event_sources/disconnected_log_collectors response codes

HTTP Response Code	Unique Code	Description
201		The disconnected log collector was created successfully.
409	1001	The 'uuid' parameter must be unique.
409	1004	The 'name' parameter must be unique.
422	1002	The 'uuid' parameter format is invalid.
422	1003	The 'uuid' parameter is required.

Table 837: POST /config/event_sources/disconnected_log_collectors response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1005	The 'name' parameter is required.
422	1006	The 'name' parameter must not exceed 255 characters.
422	1007	The 'description' parameter must not exceed 255 characters.
422	1008	The 'version' parameter is required.
422	1009	The 'version' parameter must not exceed 255 characters.
422	1010	The 'protocol' parameter must be TLS or UDP.
500	1100	An error occurred during the attempt to create the disconnected log collector.

Response Description

The newly created disconnected log collector.

Response Sample

```
{
  "description": "String",
  "id": 42,
  "name": "String",
  "protocol": "String",
  "uuid": "String",
```



```
"version": "String"
}
```

DELETE /config/event_sources/disconnected_log_collectors/{id}

SUMMARY

Deletes a Disconnected Log Collector by ID.

Table 838: DELETE /config/event_sources/disconnected_log_collectors/{id} resource details

DELETE /config/event_sources/disconnected_log_collectors/{id} resource details

MIME Type

text/plain

Table 839: DELETE /config/event_sources/disconnected_log_collectors/{id} request parameter details

DELETE /config/event_sources/disconnected_log_collectors/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the Disconnected Log Collector to delete.

Table 840: DELETE /config/event_sources/disconnected_log_collectors/{id} response codes

DELETE /config/event_sources/disconnected_log_collectors/{id} response codes

HTTP Response Code	Unique Code	Description
204		The Disconnected Log Collector was deleted successfully.

Table 840: DELETE /config/event_sources/disconnected_log_collectors/{id} response codes
(Continued)

HTTP Response Code	Unique Code	Description
404	1001	The Disconnected Log Collector ID was not found.
409	1002	The Disconnected Log Collector cannot be deleted because it is currently associated with one or more log sources.
500	1100	An error occurred while attempting to delete the Disconnected Log Collector.

Response Description

Response Sample

GET /config/event_sources/disconnected_log_collectors/{id}

SUMMARY

Retrieves an disconnected log collector by ID..

Table 841: GET /config/event_sources/disconnected_log_collectors/{id} resource details

GET /config/event_sources/disconnected_log_collectors/{id} resource details

MIME Type
application/json

Table 842: GET /config/event_sources/disconnected_log_collectors/{id} request parameter details

GET /config/event_sources/disconnected_log_collectors/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the disconnected log collector to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 843: GET /config/event_sources/disconnected_log_collectors/{id} response codes

GET /config/event_sources/disconnected_log_collectors/{id} response codes

HTTP Response Code	Unique Code	Description
200		The disconnected log collector was retrieved successfully.
404	1001	The Disconnected Log Collector was not found.
500	1000	An error occurred during the attempt to retrieve the disconnected log collector.

Response Description

The disconnected log collector after it is retrieved. A disconnected log collector contains the following fields:

- **id** - ID - The ID of the disconnected log collector.
- **uuid** - UUID - The UUID of the disconnected log collector.
- **name** - String - The name of the Disconnected Log Collector.
- **description** - String - The description of the Disconnected Log Collector.
- **version** - String - The version of the Disconnected Log Collector.
- **protocol** - Enumeration - The transport protocol used by the Disconnected Log Collector to send events to JSA. Possible Values are TLS and UDP.

Response Sample

```
{
  "description": "String",
  "id": 42,
  "name": "String",
  "protocol": "String",
  "uuid": "String",
  "version": "String"
}
```

POST /config/event_sources/disconnected_log_collectors/{id}

SUMMARY

Updates a disconnected log collector by ID. A disconnected log collector contains the following fields:

- **id** - ID - The ID of the disconnected log collector.
- **uuid** - UUID - The UUID of the disconnected log collector.
- **name** - String - The name of the Disconnected Log Collector.
- **description** - String - The description of the Disconnected Log Collector.
- **version** - String - The version of the Disconnected Log Collector.
- **protocol** - Enumeration - The transport protocol used by the Disconnected Log Collector to send events to JSA. Possible Values are TLS and UDP.

Table 844: POST /config/event_sources/disconnected_log_collectors/{id} resource details

POST /config/event_sources/disconnected_log_collectors/{id} resource details

MIME Type
application/json

Table 845: POST /config/event_sources/disconnected_log_collectors/{id} request parameter details

POST /config/event_sources/disconnected_log_collectors/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the disconnected log collector to update.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 846: POST /config/event_sources/disconnected_log_collectors/{id} request body details

POST /config/event_sources/disconnected_log_collectors/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
log_source_data	Object	application/json	The updated disconnected log collector data. Any field not provided will be ignored.	{ "description": "String", "name": "String", "protocol": "String", "uuid": "String", "version": "String" }

Table 847: POST /config/event_sources/disconnected_log_collectors/{id} response codes

POST /config/event_sources/disconnected_log_collectors/{id} response codes

HTTP Response Code	Unique Code	Description
200		The disconnected log collector was updated successfully.
404	1001	The requested disconnected log collector cannot be found.
409	1002	The 'uuid' parameter must be unique.
409	1005	The 'name' parameter must be unique.
422	1003	The 'uuid' parameter format is invalid.
422	1004	The 'uuid' parameter is required.
422	1006	The 'name' parameter is required.
422	1007	The 'name' parameter must not exceed 255 characters.
422	1008	The 'description' parameter must not exceed 255 characters.
422	1009	The 'version' parameter is required.
422	1010	The 'version' parameter must not exceed 255 characters.
422	1011	The 'protocol' parameter must be TLS or UDP.

Table 847: POST /config/event_sources/disconnected_log_collectors/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1100	An error occurred during the attempt to create the disconnected log collector.

Response Description

The updated disconnected log collector identified by the id specified in the request.

Response Sample

```
{
  "description": "String",
  "id": 42,
  "name": "String",
  "protocol": "String",
  "uuid": "String",
  "version": "String"
}
```

GET /config/event_sources/event_collectors

SUMMARY

Retrieves a list of event collectors..

Table 848: GET /config/event_sources/event_collectors resource details

GET /config/event_sources/event_collectors resource details

MIME Type
application/json

Table 849: GET /config/event_sources/event_collectors request parameter details

GET /config/event_sources/event_collectors request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 850: GET /config/event_sources/event_collectors response codes

GET /config/event_sources/event_collectors response codes

HTTP Response Code	Unique Code	Description
200		The event collectors were retrieved successfully.
500	1020	An error occurred during the attempt to retrieve the event collectors.

Response Description

The list of all event collectors. A event collector contains the following fields:

- **id** - Long - The ID of the event collector.
- **name** - String - The display name of the event collector. Not localized because it is derived from a process/component name and the hostname of the managed host it runs on, neither of which are translatable.
- **component_name** - String - The name of the component backing this event collector process. Also contained in the 'name' field.
- **host_id** - Long - The ID of the host on which this event collector process runs. See the Hosts API (/api/config/deployment/hosts/)..

Response Sample

```
[
  {
    "component_name": "String",
    "host_id": 42,
    "id": 42,
    "name": "String"
  }
]
```

GET /config/event_sources/event_collectors/{id}

SUMMARY

Retrieves an event collector by ID..

Table 851: GET /config/event_sources/event_collectors/{id} resource details

GET /config/event_sources/event_collectors/{id} resource details

MIME Type

application/json

Table 852: GET /config/event_sources/event_collectors/{id} request parameter details

GET /config/event_sources/event_collectors/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the event collector to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 853: GET /config/event_sources/event_collectors/{id} response codes

GET /config/event_sources/event_collectors/{id} response codes

HTTP Response Code	Unique Code	Description
200		The event collector was retrieved successfully.
404	1002	The event collector ID was not found.
500	1020	An error occurred during the attempt to retrieve the event collector.

Response Description

The event collector after it is retrieved. A event collector contains the following fields:

- **id** - Long - The ID of the event collector.
- **name** - String - The display name of the event collector. Not localized because it is derived from a process/component name and the hostname of the managed host it runs on, neither of which are translatable.
- **component_name** - String - The name of the component backing this event collector process. Also contained in the 'name' field.
- **host_id** - Long - The ID of the host on which this event collector process runs. See the Hosts API (/api/config/deployment/hosts/)..

Response Sample

```
{
  "component_name": "String",
  "host_id": 42,
  "id": 42,
  "name": "String"
}
```

POST /config/event_sources/generated_regexes

SUMMARY

Retrieves a regex pattern

Table 854: POST /config/event_sources/generated_regexes resource details

POST /config/event_sources/generated_regexes resource details

MIME Type

application/json

Table 855: POST /config/event_sources/generated_regexes request parameter details

POST /config/event_sources/generated_regexes request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 856: POST /config/event_sources/generated_regexes request body details

POST /config/event_sources/generated_regexes request body details

Parameter	Data Type	MIME Type	Description	Sample
payload	Object	application/json	An event sample containing the data which you want the generated regular expression to capture, a leading anchor and trailing anchor.	{ "payload_data": [{ "capture_groups": [{ "begin_index": 42, "end_index": 42 }], "event_sample": "String" }], "regex": "String" }

Table 857: POST /config/event_sources/generated_regexes response codes

POST /config/event_sources/generated_regexes response codes

HTTP Response Code	Unique Code	Description
200		The requested regex pattern was generated and returned successfully.
422	10025	The system was unable to create a regular expression because of invalid indices.
422	10026	The system was unable to create a regular expression because of an invalid beginning index.
422	10027	null
500	1020	The system was unable to confidently create a regular expression.

Response Description

The generated regex pattern.

Response Sample

```
{
  "payload_data": [
    {
      "capture_groups": [
        {
          "begin_index": 42,
          "end_index": 42
        }
      ],
      "event_sample": "String"
    }
  ],
  "regex": "String"
}
```

GET /config/event_sources/log_source_management/autodetection/ config_records

SUMMARY

Retrieves the list of Autodetection Config Records.

Retrieves the list of Autodetection Config Records.

Table 858: GET /config/event_sources/log_source_management/autodetection/config_records resource details

GET /config/event_sources/log_source_management/autodetection/config_records resource details

MIME Type

application/json

Table 859: GET /config/event_sources/log_source_management/autodetection/config_records request parameter details

GET /config/event_sources/log_source_management/autodetection/config_records request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 860: GET /config/event_sources/log_source_management/autodetection/config_records response codes

GET /config/event_sources/log_source_management/autodetection/config_records response codes

HTTP Response Code	Unique Code	Description
200		The Autodetection Config Records were retrieved.
422	1009	Sorting is only supported for the 'id', 'log_source_type_id' and 'precedence' fields.
422	1010	The sort field that was provided does not exist.
422	1011	Sorting on multiple fields is not supported.
422	1019	A request parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the Autodetection Config Records.

Response Description

An array of Autodetection Config Record objects. An Autodetection Config Record object contains the following fields:

- **id** - Number - The ID of the Autodetection Config Record.
- **log_source_type_id** - Number - The ID of the Log Source Type that corresponds with the Autodetection Config Record. See the Log Source Type API (/api/config/event_sources/log_source_management/log_source_types/).
- **enabled** - Boolean - If the associated log source type is enabled for autodetection, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **precedence** - Number - When an event is received from an unknown source, each log source type that is eligible for autodetection attempts to parse the event in ascending order of precedence. Lower values are attempted before greater values.
- **minimum_successful_events** - Number - The minimum number of events collected from a source that must be successfully parsed by the associated log source type for autodetection to occur.

- **minimum_success_rate** - Number - The minimum parsing success rate for events from a source that the associated log source type must have for autodetection to occur. Expressed as (number of events successfully parsed) / (number of events attempted) * 100.
- **maximum_events_for_abandon** - Number - The maximum number of events from a source that the associated log source type attempts to parse before it abandons tracking of that source. Note: If the conditions for autodetection (minimum_successful_events and minimum_success_rate) are met before this number of events are received, autodetection has already occurred and the log source type stopped tracking the source at that time.
- **consecutive_failures_for_abandon** - Number - The number of consecutive events from a source that the associated log source type failed to parse which causes the log source type to abandon tracking the source.
- **log_source_name_template** - String - The template that is used to set the name of autodetected log sources for the associated log source type. Two placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. `$$DEVICE_TYPE$$` is replaced with the log source type name. `$$SOURCE_ADDRESS$$` is replaced with the log source's Log Source Identifier value. The default `log_source_name_template` is `'$$DEVICE_TYPE$$ @ $$SOURCE_ADDRESS$$'`.
- **log_source_description_template** - String - The template that is used to set the description of autodetected log sources for the associated log source type. Two placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. `$$DEVICE_TYPE$$` is replaced with the log source type name. `$$SOURCE_ADDRESS$$` is replaced with the log source's Log Source Identifier value. The default `log_source_description_template` is `'$$DEVICE_TYPE$$ device'`.

Response Sample

```
[
  {
    "consecutive_failures_for_abandon": 42,
    "custom": true,
    "enabled": true,
    "id": 42,
    "log_source_description_template": "String",
    "log_source_name_template": "String",
    "log_source_type_id": 42,
    "maximum_events_for_abandon": 42,
```

```
    "minimum_success_rate": 42,  
    "minimum_successful_events": 42,  
    "precedence": 42  
  }  
]
```

POST /config/event_sources/log_source_management/autodetection/ config_records

SUMMARY

Creates an Autodetection Config Record.

Creates an Autodetection Config Record.

Table 861: POST /config/event_sources/log_source_management/autodetection/config_records resource details

POST /config/event_sources/log_source_management/autodetection/config_records resource details

MIME Type

application/json

Table 862: POST /config/event_sources/log_source_management/autodetection/config_records request parameter details

POST /config/event_sources/log_source_management/autodetection/config_records request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 863: POST /config/event_sources/log_source_management/autodetection/config_records request body details

POST /config/event_sources/log_source_management/autodetection/config_records request body details

Parameter	Data Type	MIME Type	Description	Sample
config_record	Object	application/json	<p>Required. A single Autodetection Config Record object has the following modifiable fields:</p> <ul style="list-style-type: none"> enabled - Boolean - If the associated log source type is enabled for autodetection, the condition is set to 'true'; otherwise, the condition is set to 'false'. precedence - Number - When an event is received from an unknown source, each log source type that is eligible for autodetection attempts to parse the event in ascending order of precedence. Lower values are attempted before greater values. minimum_successful_events - Number - The minimum number of events collected from a source that must be successfully parsed by the associated log source type for autodetection to occur. minimum_success_rate - Number - The minimum parsing success rate for events from a source that the associated log source type must have for autodetection to occur. Expressed as (number of events successfully 	<pre>{ "consecutive_failures_for_abandon": 42, "custom": true, "enabled": true, "id": 42, "log_source_description_template": "String", "log_source_name_template": "String", "log_source_type_id": 42, "maximum_events_for_abandon": 42, "minimum_success_rate": 42, "minimum_successful_events": 42, "precedence": 42 }</pre>

Table 863: POST /config/event_sources/log_source_management/autodetection/config_records request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>parsed) / (number of events attempted) * 100.</p> <ul style="list-style-type: none"> maximum_events_for_abandon - Number - The maximum number of events from a source that the associated log source type attempts to parse before it abandons tracking of that source. Note: If the conditions for autodetection (minimum_successful_events and minimum_success_rate) are met before this number of events are received, autodetection has already occurred and the log source type stopped tracking the source at that time. consecutive_failures_for_abandon - Number - The number of consecutive events from a source that the associated log source type failed to parse which causes the log source type to abandon tracking the source. log_source_name_template - String - The template that is used to set the name of autodetected log sources for the associated log source type. Two 	

Table 863: POST /config/event_sources/log_source_management/autodetection/config_records request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. <code>\$\$DEVICE_TYPE\$\$</code> is replaced with the log source type name. <code>\$\$SOURCE_ADDRESS\$\$</code> is replaced with the log source's Log Source Identifier value. The default <code>log_source_name_template</code> is <code>'\$\$DEVICE_TYPE\$\$ @\$SOURCE_ADDRESS\$'</code> .	
			<ul style="list-style-type: none"> log_source_description_template - String - The template that is used to set the description of autodetected log sources for the associated log source type. Two placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. <code>\$\$DEVICE_TYPE\$\$</code> is replaced with the log source type name. <code>\$\$SOURCE_ADDRESS\$\$</code> is replaced with the log source's Log Source Identifier value. The default 	

Table 863: POST /config/event_sources/log_source_management/autodetection/config_records request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			log_source_description_template is '\$DEVICE_TYPE\$ device'.	
			Any other set fields will be ignored.	

Table 864: POST /config/event_sources/log_source_management/autodetection/config_records response codes

POST /config/event_sources/log_source_management/autodetection/config_records response codes

HTTP Response Code	Unique Code	Description
200		The Autodetection Config Record was created.
404	1000	The default TA Config does not exist.
422	1003	The valid range for the 'minimum_successful_events' parameter value is 1 to 1000.
422	1004	The valid range for the 'minimum_success_rate' parameter value is 1 to 100.
422	1005	The 'maximum_events_for_abandon' parameter must be a value greater than 'minimum_successful_events' and no greater than 100000.
422	1006	The valid range for the 'consecutive_failures_for_abandon' parameter value is 1 to 1000.
422	1008	The 'log_source_description_template' parameter value must not exceed 255 characters.

Table 864: POST /config/event_sources/log_source_management/autodetection/config_records response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1012	null
500	1020	An error occurred during the attempt to create the Autodetection Config Record.

Response Description

The created Autodetection Config Record containing the following fields:

- **id** - Number - The ID of the Autodetection Config Record.
- **log_source_type_id** - Number - The ID of the Log Source Type that corresponds with the Autodetection Config Record. See the Log Source Type API (/api/config/event_sources/log_source_management/log_source_types/).
- **enabled** - Boolean - If the associated log source type is enabled for autodetection, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **precedence** - Number - When an event is received from an unknown source, each log source type that is eligible for autodetection attempts to parse the event in ascending order of precedence. Lower values are attempted before greater values.
- **minimum_successful_events** - Number - The minimum number of events collected from a source that must be successfully parsed by the associated log source type for autodetection to occur.
- **minimum_success_rate** - Number - The minimum parsing success rate for events from a source that the associated log source type must have for autodetection to occur. Expressed as (number of events successfully parsed) / (number of events attempted) * 100.
- **maximum_events_for_abandon** - Number - The maximum number of events from a source that the associated log source type attempts to parse before it abandons tracking of that source. Note: If the conditions for autodetection (minimum_successful_events and minimum_success_rate) are met before this number of events are received, autodetection has already occurred and the log source type stopped tracking the source at that time.

- **consecutive_failures_for_abandon** - Number - The number of consecutive events from a source that the associated log source type failed to parse which causes the log source type to abandon tracking the source.
- **log_source_name_template** - String - The template that is used to set the name of autodetected log sources for the associated log source type. Two placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. `$$DEVICE_TYPE$$` is replaced with the log source type name. `$$SOURCE_ADDRESS$$` is replaced with the log source's Log Source Identifier value. The default `log_source_name_template` is `'$$DEVICE_TYPE$$ @ $$SOURCE_ADDRESS$$'`.
- **log_source_description_template** - String - The template that is used to set the description of autodetected log sources for the associated log source type. Two placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. `$$DEVICE_TYPE$$` is replaced with the log source type name. `$$SOURCE_ADDRESS$$` is replaced with the log source's Log Source Identifier value. The default `log_source_description_template` is `'$$DEVICE_TYPE$$ device'`.

Response Sample

```
{
  "consecutive_failures_for_abandon": 42,
  "custom": true,
  "enabled": true,
  "id": 42,
  "log_source_description_template": "String",
  "log_source_name_template": "String",
  "log_source_type_id": 42,
  "maximum_events_for_abandon": 42,
  "minimum_success_rate": 42,
  "minimum_successful_events": 42,
  "precedence": 42
}
```

GET /config/event_sources/log_source_management/autodetection/config_records/{config_id}

SUMMARY

Gets an individual Autodetection Config Record by id.

Gets an individual Autodetection Config Record by id.

Table 865: GET /config/event_sources/log_source_management/autodetection/config_records/{config_id} resource details

GET /config/event_sources/log_source_management/autodetection/config_records/{config_id} resource details

MIME Type

application/json

Table 866: GET /config/event_sources/log_source_management/autodetection/config_records/{config_id} request parameter details

GET /config/event_sources/log_source_management/autodetection/config_records/{config_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
config_id	path	Required	Number (Integer)	text/plain	Required. The ID of the Autodetection Config Record to retrieve.

Table 866: GET /config/event_sources/log_source_management/autodetection/config_records/{config_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 867: GET /config/event_sources/log_source_management/autodetection/config_records/{config_id} response codes

GET /config/event_sources/log_source_management/autodetection/config_records/{config_id} response codes

HTTP Response Code	Unique Code	Description
200		The Autodetection Config Record was retrieved.
404	1002	The Autodetection Config Record does not exist.
500	1020	An error occurred during the attempt to retrieve the Autodetection Config Record.

Response Description

The Autodetection Config Record containing the following fields:

- **id** - Number - The ID of the Autodetection Config Record.
- **log_source_type_id** - Number - The ID of the Log Source Type that corresponds with the Autodetection Config Record. See the Log Source Type API (/api/config/event_sources/log_source_management/log_source_types/).

- **enabled** - Boolean - If the associated log source type is enabled for autodetection, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **precedence** - Number - When an event is received from an unknown source, each log source type that is eligible for autodetection attempts to parse the event in ascending order of precedence. Lower values are attempted before greater values.
- **minimum_successful_events** - Number - The minimum number of events collected from a source that must be successfully parsed by the associated log source type for autodetection to occur.
- **minimum_success_rate** - Number - The minimum parsing success rate for events from a source that the associated log source type must have for autodetection to occur. Expressed as (number of events successfully parsed) / (number of events attempted) * 100.
- **maximum_events_for_abandon** - Number - The maximum number of events from a source that the associated log source type attempts to parse before it abandons tracking of that source. Note: If the conditions for autodetection (minimum_successful_events and minimum_success_rate) are met before this number of events are received, autodetection has already occurred and the log source type stopped tracking the source at that time.
- **consecutive_failures_for_abandon** - Number - The number of consecutive events from a source that the associated log source type failed to parse which causes the log source type to abandon tracking the source.
- **log_source_name_template** - String - The template that is used to set the name of autodetected log sources for the associated log source type. Two placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. `$$DEVICE_TYPE$$` is replaced with the log source type name. `$$SOURCE_ADDRESS$$` is replaced with the log source's Log Source Identifier value. The default `log_source_name_template` is `'$$DEVICE_TYPE$$ @ $$SOURCE_ADDRESS$$'`.
- **log_source_description_template** - String - The template that is used to set the description of autodetected log sources for the associated log source type. Two placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. `$$DEVICE_TYPE$$` is replaced with the log source type name. `$$SOURCE_ADDRESS$$` is replaced with the log source's Log Source Identifier value. The default `log_source_description_template` is `'$$DEVICE_TYPE$$ device'`.

Response Sample

```
{
```

```

"consecutive_failures_for_abandon": 42,
"custom": true,
"enabled": true,
"id": 42,
"log_source_description_template": "String",
"log_source_name_template": "String",
"log_source_type_id": 42,
"maximum_events_for_abandon": 42,
"minimum_success_rate": 42,
"minimum_successful_events": 42,
"precedence": 42
}

```

POST /config/event_sources/log_source_management/autodetection/config_records/{config_id}

SUMMARY

Updates an Autodetection Config Record.

Updates an Autodetection Config Record.

Table 868: POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} resource details

POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} resource details

MIME Type

application/json

Table 869: POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} request parameter details

POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
config_id	path	Required	Number (Integer)	text/plain	Required. The ID of the Autodetection Config Record to update.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 870: POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} request body details

POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
config_record	Object	application/json	<p>Required. A single Autodetection Config Record object has the following modifiable fields:</p> <ul style="list-style-type: none"> enabled - Boolean - If the associated log source type is enabled for autodetection, the condition is set to 'true'; otherwise, the condition is set to 'false'. precedence - Number - When an event is received from an unknown source, each log source type that is eligible for autodetection attempts to parse the event in ascending order of precedence. Lower values are attempted before greater values. minimum_successful_events - Number - The minimum number of events collected from a source that must be successfully parsed by the associated log source type for autodetection to occur. minimum_success_rate - Number - The minimum parsing success rate for events from a source that the associated log source type must have for autodetection to occur. Expressed as (number of events successfully 	<pre>{ "consecutive_failures_for_abandon": 42, "custom": true, "enabled": true, "id": 42, "log_source_description_template": "String", "log_source_name_template": "String", "log_source_type_id": 42, "maximum_events_for_abandon": 42, "minimum_success_rate": 42, "minimum_successful_events": 42, "precedence": 42 }</pre>

Table 870: POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>parsed) / (number of events attempted) * 100.</p> <ul style="list-style-type: none"> maximum_events_for_abandon - Number - The maximum number of events from a source that the associated log source type attempts to parse before it abandons tracking of that source. Note: If the conditions for autodetection (minimum_successful_events and minimum_success_rate) are met before this number of events are received, autodetection has already occurred and the log source type stopped tracking the source at that time. consecutive_failures_for_abandon - Number - The number of consecutive events from a source that the associated log source type failed to parse which causes the log source type to abandon tracking the source. log_source_name_template - String - The template that is used to set the name of autodetected log sources for the associated log source type. Two 	

Table 870: POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. <code>\$\$DEVICE_TYPE\$\$</code> is replaced with the log source type name. <code>\$\$SOURCE_ADDRESS\$\$</code> is replaced with the log source's Log Source Identifier value. The default <code>log_source_name_template</code> is <code>'\$\$DEVICE_TYPE\$\$ @\$SOURCE_ADDRESS\$'</code> .	
			<ul style="list-style-type: none"> log_source_description_template - String - The template that is used to set the description of autodetected log sources for the associated log source type. Two placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. <code>\$\$DEVICE_TYPE\$\$</code> is replaced with the log source type name. <code>\$\$SOURCE_ADDRESS\$\$</code> is replaced with the log source's Log Source Identifier value. The default 	

Table 870: POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			log_source_description_template is '\$DEVICE_TYPE\$ device'.	
			Any other set fields will be ignored.	

Table 871: POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} response codes

POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} response codes

HTTP Response Code	Unique Code	Description
200		The Autodetection Config Record was updated.
404	1000	The Autodetection Config Record does not exist.
409	1001	The 'precedence' parameter value must be unique.
422	1002	The valid range for the 'precedence' parameter value is 1 to 10000.
422	1003	The valid range for the 'minimum_successful_events' parameter value is 1 to 1000.
422	1004	The valid range for the 'minimum_success_rate' parameter value is 1 to 100.
422	1005	The 'maximum_events_for_abandon' parameter must be a value greater than 'minimum_successful_events' and no greater than 100000.
422	1006	The valid range for the 'consecutive_failures_for_abandon' parameter value is 1 to 1000.

Table 871: POST /config/event_sources/log_source_management/autodetection/config_records/{config_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1007	The 'log_source_name_template' parameter value is 10 to 255 characters.
422	1008	The 'log_source_description_template' parameter value must not exceed 255 characters.
500	1020	An error occurred during the attempt to update the Autodetection Config Record.

Response Description

The updated Autodetection Config Record containing the following fields:

- **id** - Number - The ID of the Autodetection Config Record.
- **log_source_type_id** - Number - The ID of the Log Source Type that corresponds with the Autodetection Config Record. See the Log Source Type API (/api/config/event_sources/log_source_management/log_source_types/).
- **enabled** - Boolean - If the associated log source type is enabled for autodetection, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **precedence** - Number - When an event is received from an unknown source, each log source type that is eligible for autodetection attempts to parse the event in ascending order of precedence. Lower values are attempted before greater values.
- **minimum_successful_events** - Number - The minimum number of events collected from a source that must be successfully parsed by the associated log source type for autodetection to occur.
- **minimum_success_rate** - Number - The minimum parsing success rate for events from a source that the associated log source type must have for autodetection to occur. Expressed as (number of events successfully parsed) / (number of events attempted) * 100.
- **maximum_events_for_abandon** - Number - The maximum number of events from a source that the associated log source type attempts to parse before it abandons tracking of that source. Note: If the conditions for autodetection (minimum_successful_events and minimum_success_rate) are met

before this number of events are received, autodetection has already occurred and the log source type stopped tracking the source at that time.

- **consecutive_failures_for_abandon** - Number - The number of consecutive events from a source that the associated log source type failed to parse which causes the log source type to abandon tracking the source.
- **log_source_name_template** - String - The template that is used to set the name of autodetected log sources for the associated log source type. Two placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. `$$DEVICE_TYPE$$` is replaced with the log source type name. `$$SOURCE_ADDRESS$$` is replaced with the log source's Log Source Identifier value. The default `log_source_name_template` is `'$$DEVICE_TYPE$$ @ $$SOURCE_ADDRESS$$'`.
- **log_source_description_template** - String - The template that is used to set the description of autodetected log sources for the associated log source type. Two placeholder values can be used. These values are replaced by real values when the template is used for the creation of autodetected log sources. `$$DEVICE_TYPE$$` is replaced with the log source type name. `$$SOURCE_ADDRESS$$` is replaced with the log source's Log Source Identifier value. The default `log_source_description_template` is `'$$DEVICE_TYPE$$ device'`.

Response Sample

```
{
  "consecutive_failures_for_abandon": 42,
  "custom": true,
  "enabled": true,
  "id": 42,
  "log_source_description_template": "String",
  "log_source_name_template": "String",
  "log_source_type_id": 42,
  "maximum_events_for_abandon": 42,
  "minimum_success_rate": 42,
  "minimum_successful_events": 42,
  "precedence": 42
}
```

GET /config/event_sources/log_source_management/log_source_bulk_tasks/{id}

SUMMARY

Retrieves a log source bulk task by ID.

Table 872: GET /config/event_sources/log_source_management/log_source_bulk_tasks/{id} resource details

GET /config/event_sources/log_source_management/log_source_bulk_tasks/{id} resource details

MIME Type

application/json

Table 873: GET /config/event_sources/log_source_management/log_source_bulk_tasks/{id} request parameter details

GET /config/event_sources/log_source_management/log_source_bulk_tasks/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	The ID of the log source bulk task to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 874: GET /config/event_sources/log_source_management/log_source_bulk_tasks/{id} response codes

GET /config/event_sources/log_source_management/log_source_bulk_tasks/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log source bulk task was retrieved successfully.
404	1001	The log source bulk task ID was not found.

Response Description

The log source bulk task. A log source bulk task contains the following fields:

- **id** - String - The ID of the bulk task.
- **status** - Enum - Indicates the status of the bulk task. Possible values are: IN_PROGRESS, COMPLETED_SUCCESSFULLY, COMPLETED_WITH_ERRORS, CANCELLING, CANCELLED.
- **operation_statuses** - Array - An array of LogSourceBulkOperationStatus. The size and order of this list matches the list of Log Source DTOs that were passed to the bulk endpoint.

A LogSourceBulkOperationStatus contains the following fields:

- **log_source_id** - Integer - The ID of the log source being operated on.
- **operation_type** - Enum - The type of operation. Possible values are: CREATE, UPDATE, DELETE.
- **http_status** - Integer - The HTTP status of the operation. This will be null until the operation completes.
- **message** - String - The error message. This will only be set if the operation fails, otherwise it will be null.
- **unique_code** - Integer - The unique error code. This will only be set if the operation fails, otherwise it will be null.

Response Sample

```
{
  "id": "String",
  "operation_statuses": [
    {
      "http_status": 42,
      "log_source_id": 42,
      "message": "String",
      "operation_type": "String <one of: CREATE, UPDATE, DELETE>",
      "unique_code": 42
    }
  ],
  "status": "String <one of: IN_PROGRESS, COMPLETED_WITH_ERRORS, COMPLETED_SUCCESSFULLY, CANCELLING, CANCELLED>"
}
```

POST /config/event_sources/log_source_management/log_source_bulk_tasks/{id}

SUMMARY

Updates a log source bulk task. The only field that can be updated is the 'status' field, and the only allowed value is 'CANCELLED'.

Table 875: POST /config/event_sources/log_source_management/log_source_bulk_tasks/{id} resource details

POST /config/event_sources/log_source_management/log_source_bulk_tasks/{id} resource details

MIME Type

application/json

Table 876: POST /config/event_sources/log_source_management/log_source_bulk_tasks/{id} request parameter details

POST /config/event_sources/log_source_management/log_source_bulk_tasks/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	The ID of the log source bulk task to update.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 877: POST /config/event_sources/log_source_management/log_source_bulk_tasks/{id} request body details

POST /config/event_sources/log_source_management/log_source_bulk_tasks/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
updated_log_source_bulk_task	Object	application/json	The updated log source bulk task data.	{ "status": "String <one of: IN_PROGRESS, COMPLETED_WITH_ERRORS, COMPLETED_SUCCESSFULLY, CANCELLING, CANCELLED>" }

Table 878: POST /config/event_sources/log_source_management/log_source_bulk_tasks/{id} response codes

POST /config/event_sources/log_source_management/log_source_bulk_tasks/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log source bulk task was updated successfully.
404	1001	The requested log source bulk task cannot be found.

Response Description

The updated log source bulk task.

Response Sample

```
{
  "id": "String",
  "operation_statuses": [
    {
      "http_status": 42,
      "log_source_id": 42,
      "message": "String",
      "operation_type": "String <one of: CREATE, UPDATE, DELETE>",
      "unique_code": 42
    }
  ],
  "status": "String <one of: IN_PROGRESS, COMPLETED_WITH_ERRORS, COMPLETED_SUCCESSFULLY, CANCELLING, CANCELLED>"
}
```

GET /config/event_sources/log_source_management/ log_source_extensions

SUMMARY

Retrieves the list of log source extensions.

Table 879: GET /config/event_sources/log_source_management/log_source_extensions resource details

GET /config/event_sources/log_source_management/log_source_extensions resource details

MIME Type

application/json

Table 880: GET /config/event_sources/log_source_management/log_source_extensions request parameter details

GET /config/event_sources/log_source_management/log_source_extensions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 880: GET /config/event_sources/log_source_management/log_source_extensions request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 881: GET /config/event_sources/log_source_management/log_source_extensions response codes

GET /config/event_sources/log_source_management/log_source_extensions response codes

HTTP Response Code	Unique Code	Description
200		The log source extensions were retrieved successfully.
500	1020	An error occurred during the attempt to retrieve the log source extensions.

Response Description

The list of all log source extensions. A log source extension contains the following fields:

- **id** - Long - The ID of the extension.
- **name** - String - The name of the log source extension
- **description** - String - The description of the log source extension.
- **uuid** - String - The UUID string of the log source extension.

Response Sample

```
[
  {
    "description": "String",
    "id": 42,
    "name": "String",
    "uuid": "String"
  }
]
```

GET /config/event_sources/log_source_management/ log_source_extensions/{id}

SUMMARY

Retrieves a log source extension by ID.

Table 882: GET /config/event_sources/log_source_management/log_source_extensions/{id} resource details

GET /config/event_sources/log_source_management/log_source_extensions/{id} resource details

MIME Type

application/json

Table 883: GET /config/event_sources/log_source_management/log_source_extensions/{id} request parameter details

GET /config/event_sources/log_source_management/log_source_extensions/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the log source extension to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 884: GET /config/event_sources/log_source_management/log_source_extensions/{id} response codes

GET /config/event_sources/log_source_management/log_source_extensions/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log source extension was retrieved successfully.
404	1002	The log source extension ID was not found.
500	1020	An error occurred during the attempt to retrieve the log source extension.

Response Description

The log source extension after it is retrieved. A log source extension contains the following fields:

- **id** - Long - The ID of the extension.
- **name** - String - The name of the log source extension
- **description** - String - The description of the log source extension.

- **uuid** - String - The UUID string of the log source extension.

Response Sample

```
{
  "description": "String",
  "id": 42,
  "name": "String",
  "uuid": "String"
}
```

GET /config/event_sources/log_source_management/log_source_groups

SUMMARY

Retrieves the list of log source groups.

Table 885: GET /config/event_sources/log_source_management/log_source_groups resource details

GET /config/event_sources/log_source_management/log_source_groups resource details

MIME Type

application/json

Table 886: GET /config/event_sources/log_source_management/log_source_groups request parameter details

GET /config/event_sources/log_source_management/log_source_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 887: GET /config/event_sources/log_source_management/log_source_groups response codes

GET /config/event_sources/log_source_management/log_source_groups response codes

HTTP Response Code	Unique Code	Description
200		The log source groups were retrieved successfully.
500	1020	An error occurred during the attempt to retrieve the log source groups.

Response Description

The list of all log source groups. A log source group contains the following fields:

- **id** - Long - The ID of the group.
- **name** - String - The name of the group.
- **description** - String - The description of the group.
- **parent_id** - Long - The ID of the group's parent group. The root node group has a null parent_ID.
- **owner** - String - The name of the user who owns the group.
- **modification_date** - Long - The date and time (expressed as milliseconds since epoch) that the group was last modified.
- **assignable** - Boolean - If log sources can be assigned to this group, the condition is set to 'true'; otherwise, the condition is set to 'false'. Log sources cannot be assigned directly to the "Other" group or to the root log source group node.
- **child_groups** - Array<Long> - The list of IDs of any child log source groups that belong to this group.

Response Sample

```
[
  {
    "assignable": true,
    "child_group_ids": [
      42
    ],
    "description": "String",
    "id": 42,
    "modification_date": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42
  }
]
```


POST /config/event_sources/log_source_management/ log_source_groups

SUMMARY

Creates a new log source group. A log source group contains the following fields:

- **id** - Long - The ID of the group.
- **name** - String - The name of the group.
- **description** - String - The description of the group.
- **parent_id** - Long - The ID of the group's parent group. The root node group has a null parent_ID.
- **owner** - String - The name of the user who owns the group.
- **modification_date** - Long - The date and time (expressed as milliseconds since epoch) that the group was last modified.
- **assignable** - Boolean - If log sources can be assigned to this group, the condition is set to 'true'; otherwise, the condition is set to 'false'. Log sources cannot be assigned directly to the "Other" group or to the root log source group node.
- **child_groups** - Array<Long> - The list of IDs of any child log source groups that belong to this group.

Table 888: POST /config/event_sources/log_source_management/log_source_groups resource details

POST /config/event_sources/log_source_management/log_source_groups resource details

MIME Type

application/json

Table 889: POST /config/event_sources/log_source_management/log_source_groups request parameter details

POST /config/event_sources/log_source_management/log_source_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 890: POST /config/event_sources/log_source_management/log_source_groups request body details

POST /config/event_sources/log_source_management/log_source_groups request body details

Parameter	Data Type	MIME Type	Description	Sample
log_source_data	Object	application/json	The log source to create.	{ "description": "String", "name": "String", "parent_id": 42 }

Table 891: POST /config/event_sources/log_source_management/log_source_groups response codes

POST /config/event_sources/log_source_management/log_source_groups response codes

HTTP Response Code	Unique Code	Description
201		The log source was created successfully.
403	1000	The endpoint cannot be used by users associated with a tenant.
409	1001	The 'name' parameter must be unique.
422	1002	The 'name' parameter is required.
422	1003	The 'name' parameter must not exceed 255 characters.

Table 891: POST /config/event_sources/log_source_management/log_source_groups response codes
(Continued)

HTTP Response Code	Unique Code	Description
422	1004	The 'description' parameter must not exceed 255 characters.
422	1005	The parent group was not found.
500	1100	An error occurred during the attempt to create the log source.

Response Description

The newly created log source.

Response Sample

```
{
  "assignable": true,
  "child_group_ids": [
    42
  ],
  "description": "String",
  "id": 42,
  "modification_date": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42
}
```

GET /config/event_sources/log_source_management/log_source_groups/{id}

SUMMARY

Retrieves a log source group by ID.

Table 892: GET /config/event_sources/log_source_management/log_source_groups/{id} resource details

GET /config/event_sources/log_source_management/log_source_groups/{id} resource details

MIME Type

application/json

Table 893: GET /config/event_sources/log_source_management/log_source_groups/{id} request parameter details

GET /config/event_sources/log_source_management/log_source_groups/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the log source group to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 894: GET /config/event_sources/log_source_management/log_source_groups/{id} response codes

GET /config/event_sources/log_source_management/log_source_groups/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log source group was retrieved successfully.
404	1002	The log source group ID was not found.
500	1020	An error occurred during the attempt to retrieve the log source group.

Response Description

The log source group after it is retrieved. A log source group contains the following fields:

- **id** - Long - The ID of the group.
- **name** - String - The name of the group.
- **description** - String - The description of the group.
- **parent_id** - Long - The ID of the group's parent group. The root node group has a null parent_ID.
- **owner** - String - The name of the user who owns the group.
- **modification_date** - Long - The date and time (expressed as milliseconds since epoch) that the group was last modified.
- **assignable** - Boolean - If log sources can be assigned to this group, the condition is set to 'true'; otherwise, the condition is set to 'false'. Log sources cannot be assigned directly to the "Other" group or to the root log source group node.
- **child_groups** - Array<Long> - The list of IDs of any child log source groups that belong to this group.

Response Sample

```
{
  "assignable": true,
  "child_group_ids": [
    42
  ],
  "description": "String",
  "id": 42,
  "modification_date": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42
}
```

GET /config/event_sources/log_source_management/ log_source_languages

SUMMARY

Retrieves the list of log source languages.

Table 895: GET /config/event_sources/log_source_management/log_source_languages resource details

GET /config/event_sources/log_source_management/log_source_languages resource details

MIME Type

application/json

Table 896: GET /config/event_sources/log_source_management/log_source_languages request parameter details

GET /config/event_sources/log_source_management/log_source_languages request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 897: GET /config/event_sources/log_source_management/log_source_languages response codes

GET /config/event_sources/log_source_management/log_source_languages response codes

HTTP Response Code	Unique Code	Description
200		The log source languages were retrieved successfully.
500	1020	An error occurred during the attempt to retrieve the log source languages.

Response Description

The list of all log source languages. A log source language contains the following fields:

- **id** - Integer - The ID of the language. This ID does not change across deployments.
- **name** - String - The display name of the language.

Response Sample

```
[
  {
    "id": 42,
    "name": "String"
  }
]
```

GET /config/event_sources/log_source_management/ log_source_languages/{id}

SUMMARY

Retrieves a log source language by ID.

Table 898: GET /config/event_sources/log_source_management/log_source_languages/{id} resource details

GET /config/event_sources/log_source_management/log_source_languages/{id} resource details

MIME Type

application/json

Table 899: GET /config/event_sources/log_source_management/log_source_languages/{id} request parameter details

GET /config/event_sources/log_source_management/log_source_languages/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the log source language to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 900: GET /config/event_sources/log_source_management/log_source_languages/{id} response codes

GET /config/event_sources/log_source_management/log_source_languages/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log source language was retrieved successfully.
404	1002	The log source language ID was not found.
500	1020	An error occurred during the attempt to retrieve the log source language.

Response Description

The log source language after it is retrieved. A log source language contains the following fields:

- **id** - Integer - The ID of the language. This ID does not change across deployments.
- **name** - String - The display name of the language.

Response Sample

```
{
  "id": 42,
  "name": "String"
}
```

POST /config/event_sources/log_source_management/ log_source_statistics

SUMMARY

Creates log source statistics

Log source statistics contains the following fields:

- **filter** - String - The optional log source filter that specifies which log sources are included in the statistics. The syntax of this filter is identical to the one used by the Log Source API.
- **type_id** - Array of LogSourceFieldValueStatistic - Statistics for the log source's type_id field.
- **protocol_type_id** - Array of LogSourceFieldValueStatistic - Statistics for the log source's protocol_type_id field.
- **enabled** - Array of LogSourceFieldValueStatistic - Statistics for the log source's enabled field.
- **gateway** - Array of LogSourceFieldValueStatistic - Statistics for the log source's gateway field.

- **internal** - Array of LogSourceFieldValueStatistic - Statistics for the log source's internal field.
- **credibility** - Array of LogSourceFieldValueStatistic - Statistics for the log source's credibility field.
- **target_event_collector_id** - Array of LogSourceFieldValueStatistic - Statistics for the log source's target_event_collector_id field.
- **disconnected_log_collector_id** - Array of LogSourceFieldValueStatistic - Statistics for the log source's disconnected_log_collector_id field.
- **coalesce_events** - Array of LogSourceFieldValueStatistic - Statistics for the log source's coalesce_events field.
- **store_event_payload** - Array of LogSourceFieldValueStatistic - Statistics for the log source's store_event_payload field.
- **log_source_extension_id** - Array of LogSourceFieldValueStatistic - Statistics for the log source's log_source_extension_id field.
- **language_id** - Array of LogSourceFieldValueStatistic - Statistics for the log source's language_id field.
- **group_id** - Array of LogSourceFieldValueStatistic - Statistics for the log source's group_ids field.
- **requires_deploy** - Array of LogSourceFieldValueStatistic - Statistics for the log source's requires_deploy field.
- **status** - Array of LogSourceFieldValueStatistic - Statistics for the log source's status field.
- **auto_discovered** - Array of LogSourceFieldValueStatistic - Statistics for the log source's auto_discovered field.
- **wincollect_internal_destination_id** - Array of LogSourceFieldValueStatistic - Statistics for the log source's wincollect_internal_destination_id field.
- **wincollect_external_destination_id** - Array of LogSourceFieldValueStatistic - Statistics for the log source's wincollect_external_destination_ids field.
- **sending_ip** - Array of LogSourceFieldValueStatistic - Statistics for the log source's sending_ip field.

LogSourceFieldValueStatistic contains the following fields:

- **value** - String - The field value.
- **count** - Integer - The number of log sources that have the given field value.

Table 901: POST /config/event_sources/log_source_management/log_source_statistics resource details

POST /config/event_sources/log_source_management/log_source_statistics resource details

MIME Type

application/json

Table 902: POST /config/event_sources/log_source_management/log_source_statistics request parameter details

POST /config/event_sources/log_source_management/log_source_statistics request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 903: POST /config/event_sources/log_source_management/log_source_statistics request body details

POST /config/event_sources/log_source_management/log_source_statistics request body details

Parameter	Data Type	MIME Type	Description	Sample
statistics	Object	application/json	The statistics object. Only filter field is modifiable. All other fields are ignored.	{ "filter": "String" }

Table 904: POST /config/event_sources/log_source_management/log_source_statistics response codes

POST /config/event_sources/log_source_management/log_source_statistics response codes

HTTP Response Code	Unique Code	Description
200		The log source statistics was created successfully.

Table 904: POST /config/event_sources/log_source_management/log_source_statistics response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	1001	An invalid filter criteria was specified.
500	1003	An error occurred during the attempt to create the log source.

Response Description

The log source statistics.

Response Sample

```
{
  "auto_discovered": [
    {
      "count": 42,
      "value": "String"
    }
  ],
  "coalesce_events": [
    {
      "count": 42,
      "value": "String"
    }
  ],
  "credibility": [
    {
      "count": 42,
      "value": "String"
    }
  ],
}
```

```
"disconnected_log_collector_id": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"enabled": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"filter": "String",  
"gateway": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"group_id": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"internal": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"language_id": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"log_source_extension_id": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],
```

```
"parsing_order": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"protocol_type_id": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"requires_deploy": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"sending_ip": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"status": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"store_event_payload": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"target_event_collector_id": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"type_id": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
],  
"value": [  
  {  
    "count": 42,  
    "value": "String"  
  }  
]
```

```

    {
      "count": 42,
      "value": "String"
    }
  ],
  "wincollect_external_destination_id": [
    {
      "count": 42,
      "value": "String"
    }
  ],
  "wincollect_internal_destination_id": [
    {
      "count": 42,
      "value": "String"
    }
  ]
}

```

GET /config/event_sources/log_source_management/log_source_types

SUMMARY

Retrieves a list of log source types. If called by a user/authorized service with System Administrator, Security Admin, or Manage Log Source Types permissions, then all fields will be returned in each log source type. If called by a less privileged client, only name and ID are returned in each log source type.

Table 905: GET /config/event_sources/log_source_management/log_source_types resource details

GET /config/event_sources/log_source_management/log_source_types resource details

MIME Type

application/json

Table 906: GET /config/event_sources/log_source_management/log_source_types request parameter details

GET /config/event_sources/log_source_management/log_source_types request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 907: GET /config/event_sources/log_source_management/log_source_types response codes

GET /config/event_sources/log_source_management/log_source_types response codes

HTTP Response Code	Unique Code	Description
200		The log source types were retrieved successfully.
500	1020	An error occurred during the attempt to retrieve the log source types.

Response Description

The list of all log source types. A log source type contains the following fields:

- **id** - Integer - The ID of the log source type.
- **name** - String - The unique name of the log source type. The name is not localized.
- **internal** - Boolean - The condition is set to 'true' if the log source type is an internal log source type (for example, System Notification, SIM Audit, Asset Profiler, and so on) for which log sources cannot be created, edited, or deleted. If this is a user configurable log source type, the condition is set to 'false'.
- **custom** - Boolean - The condition is set to 'true' if this is a custom log source type; otherwise, the condition is set to 'false'.
- **protocol_types** - Array - The full list of supported protocol types for the log source type. Ensure that every log source type links to at least one protocol type. Each item in this array is a ProtocolMapping structure, defining both the ID of the protocol type and a Boolean that indicates whether the protocol is documented/fully supported for this log source type.
- **default_protocol_id** - Long - The ID of the default protocol type for this log source type. The ID must correspond to an existing protocol type. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **log_source_extension_id** - Long - The log source extension that is associated with the log source type. The ID must correspond to an existing log source extension or be set to 'null'. See the Log Source Extension API (/api/config/event_sources/log_source_management/log_source_extensions/).
- **supported_language_ids** - Array - The IDs of the languages supported by this log source type. Each ID must correspond to an existing log source language. See the Log Source Language API (/api/config/event_sources/log_source_management/log_source_languages/). All non-custom log source types link to at least one language. Because languages are irrelevant for custom log source types, this field is 'null' for custom types.
- **version** - String - The log source type plugin version.
- **latest_version** - String - The latest available version of the log source type component.

Response Sample

[

```

{
  "custom": true,
  "default_protocol_id": 42,
  "id": 42,
  "internal": true,
  "latest_version": "String",
  "log_source_extension_id": 42,
  "name": "String",
  "protocol_types": [
    {
      "documented": true,
      "protocol_id": 42
    }
  ],
  "supported_language_ids": [
    42
  ],
  "uuid": "String",
  "version": "String"
}
]

```

POST /config/event_sources/log_source_management/log_source_types

SUMMARY

Create a new custom log source type. Log source types do not need to be deployed.

The following fields can be provided in the body of this request, all other log source type fields will be ignored:

- **name** - String - The name of the log source type. Cannot be empty. Must be 241 characters or less. Must not have been used before.
- **protocol_types** - Array - The optional protocols that can be used for the log source type. All protocol ids must exist, list cannot be empty. If this field is not provided, all protocols will be available for this log source type.

- **default_protocol_id** - Long - The protocol option that should be the default solution for this log source type.
- **log_source_extension_id** - Long - The optional log source extension that is associated with the log source type. If specified, this must correspond to an existing log source extension.

Table 908: POST /config/event_sources/log_source_management/log_source_types resource details

POST /config/event_sources/log_source_management/log_source_types resource details

MIME Type

application/json

Table 909: POST /config/event_sources/log_source_management/log_source_types request parameter details

POST /config/event_sources/log_source_management/log_source_types request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 910: POST /config/event_sources/log_source_management/log_source_types request body details

POST /config/event_sources/log_source_management/log_source_types request body details

Parameter	Data Type	MIME Type	Description	Sample
log_source_data	Object	application/json	The new log source type data.	{ "default_protocol_id": 42, "log_source_extension_id": 42, "name": "String", "protocol_types": [{ "protocol_id": 42 }], "uuid": "String" }

Table 911: POST /config/event_sources/log_source_management/log_source_types response codes

POST /config/event_sources/log_source_management/log_source_types response codes

HTTP Response Code	Unique Code	Description
201		The log source type was created successfully.
422	1001	The provided name is already in use.
422	1002	The provided name is empty.
422	1003	The provided name exceeds 241 characters.
422	1004	The provided protocol_types array is empty.
422	1005	The protocol_id for each ProtocolMapping in the protocol_types array must correspond to an existing protocol type.
422	1006	The provided log_source_extension_id does not correspond to an existing log source extension.
500	1100	An error occurred while attempting to create the log source.

Response Description

The newly created log source type which will have the following fields:

- **id** - Integer - The ID of the log source type.
- **name** - String - The unique name of the log source type. The name is not localized.
- **internal** - Boolean - The condition is set to 'true' if the log source type is an internal log source type (for example, System Notification, SIM Audit, Asset Profiler, and so on) for which log sources cannot be created, edited, or deleted. If this is a user configurable log source type, the condition is set to 'false'.
- **custom** - Boolean - The condition is set to 'true' if this is a custom log source type; otherwise, the condition is set to 'false'.
- **protocol_types** - Array - The full list of supported protocol types for the log source type. Ensure that every log source type links to at least one protocol type. Each item in this array is a ProtocolMapping structure, defining both the ID of the protocol type and a Boolean that indicates whether the protocol is documented/fully supported for this log source type.
- **default_protocol_id** - Long - The ID of the default protocol type for this log source type. The ID must correspond to an existing protocol type. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **log_source_extension_id** - Long - The log source extension that is associated with the log source type. The ID must correspond to an existing log source extension or be set to 'null'. See the Log Source Extension API (/api/config/event_sources/log_source_management/log_source_extensions/).
- **supported_language_ids** - Array - The IDs of the languages supported by this log source type. Each ID must correspond to an existing log source language. See the Log Source Language API (/api/config/event_sources/log_source_management/log_source_languages/). All non-custom log source types link to at least one language. Because languages are irrelevant for custom log source types, this field is 'null' for custom types.
- **version** - String - The log source type plugin version.

Response Sample

```
{  
  "custom": true,  
  "default_protocol_id": 42,
```

```

    "id": 42,
    "internal": true,
    "log_source_extension_id": 42,
    "name": "String",
    "protocol_types": [
      {
        "documented": true,
        "protocol_id": 42
      }
    ],
    "supported_language_ids": [
      42
    ],
    "uuid": "String",
    "version": "String"
  }

```

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values

SUMMARY

Retrieve dsm parameter allowed values.

Table 912: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values resource details

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values resource details

MIME Type

application/json

Table 913: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values request parameter details

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 914: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values response codes

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values response codes

HTTP Response Code	Unique Code	Description
200		The dsm parameter allowed values were retrieved successfully.
500	1069	An error occurred while attempting to retrieve dsm parameters.

Response Description

The result will have a list of the following fields:

- **id** - Long- The id of the created/updated dsm parameter.
- **value** - String - The value of the dsm parameter. Cannot be empty. Must be 8192 characters or less.
- **dsm_parameter_definition-id** - Long - The id of the corresponding dsmparameterdefinition.
- **name** - String - The name of the dsm parameter allowed value.
- **sort_index** - Long - the index of the record for sorting.

Response Sample

```
[
  {
    "dsm_parameter_definition_id": 42,
    "id": 42,
    "name": "String",
    "sort_index": 42,
    "value": "String"
  }
]
```

PATCH /config/event_sources/log_source_management/ log_source_types/dsm_parameter_configuration/ dsm_parameter_allowed_values

SUMMARY

Create new dsm parameter allowed values or Update available dsm parameter allowed values.

The following fields can be provided in the body of this request, all other dsm parameter allowed value fields will be ignored:

- **id** - Long- The id of the dsm parameter allowed value. If field id exist it considers as an update otherwise it is a create action.
- **value** - String - The value of the dsm parameter allowed value. Cannot be empty. Must be 8192 characters or less.
- **dsm_parameter_definition_id** - Long - The id of the corresponding dsmparameterdefinition.
- **name** - String - The name of the dsm parameter allowed value.
- **sort_index** - Long - the index of the record for sorting.

Table 915: PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values resource details

PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values resource details

MIME Type

application/json

Table 916: PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values request parameter details

PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 916: PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	header	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 917: PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values request body details

PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values request body details

Parameter	Data Type	MIME Type	Description	Sample
dsm_paramater_allowed_values	Array<Object>	application/json	null	[{ "dsm_parameter_definition_id": 42, "id": 42, "name": "String", "sort_index": 42, "value": "String" }]

Table 918: PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values response codes

PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values response codes

HTTP Response Code	Unique Code	Description
207		The dsm parameter allowed values were created/updated successfully.

Table 918: PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1055	The dsm parameter allowed value ID was not found.
422	1051	The provided dsm_parameter_definition_id is not valid.
422	1052	The provided name is not valid.
422	1053	The provided value is not valid.
422	1054	The provided sort index is not valid.
422	1056	The record already exists.
500	1050	An error occurred while attempting to create the dsm parameter allowed value.

Response Description

A list of the newly created or updated dsm parameters which will have the following fields:

- **id** - Long- The id of the created/updated dsm parameter.
- **value** - String - The value of the dsm parameter. Cannot be empty. Must be 8192 characters or less.
- **dsm_parameter_definition_id** - Long - The id of the corresponding dsmparameterdefinition.
- **name** - String - The name of the dsm parameter allowed value.
- **sort_index** - Long - the index of the record for sorting.

Response Sample

```
[
  {
    "dsm_parameter_definition_id": 42,
    "id": 42,
    "name": "String",
    "sort_index": 42,
    "value": "String"
  }
]
```

DELETE /config/event_sources/log_source_management/ log_source_types/dsm_parameter_configuration/ dsm_parameter_allowed_values/{id}

SUMMARY

Deletes a dsm parameter allowed value by ID.

Table 919: DELETE /config/event_sources/log_source_management/log_source_types/ dsm_parameter_configuration/dsm_parameter_allowed_values/{id} resource details

DELETE /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/
dsm_parameter_allowed_values/{id} resource details

MIME Type

text/plain

Table 920: DELETE /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} request parameter details

DELETE /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the dsm parameter allowed value to delete.

Table 921: DELETE /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} response codes

DELETE /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} response codes

HTTP Response Code	Unique Code	Description
204		The dsm parameter allowed value was deleted successfully.
404	1096	The dsm parameter allowed value was not found.
500	1090	An error occurred while attempting to delete the dsm parameter allowed value.

Response Description

Response Sample

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id}

SUMMARY

Retrieve a dsm parameter allowed value by id.

Table 922: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} resource details

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} resource details

MIME Type

application/json

Table 923: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} request parameter details

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the dsm parameter to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 924: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} response codes

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} response codes

HTTP Response Code	Unique Code	Description
200		The dsm parameter allowed value was retrieved successfully.
404	1076	The dsm parameter allowed value ID was not found.
500	1070	An error occurred during the attempt to retrieve the dsm parameter.

Response Description

The result will have a list of the following fields:

- **id** - Long- The id of the created/updated dsm parameter.
- **value** - String - The value of the dsm parameter. Cannot be empty. Must be 8192 characters or less.
- **dsm_parameter_definition_id** - Long - The id of the corresponding dsmparameterdefinition.
- **name** - String - The name of the dsm parameter allowed value.
- **sort_index** - Long - the index of the record for sorting.

Response Sample

```
{
  "dsm_parameter_definition_id": 42,
  "id": 42,
  "name": "String",
  "sort_index": 42,
```



```
"value": "String"
}
```

POST /config/event_sources/log_source_management/ log_source_types/dsm_parameter_configuration/ dsm_parameter_allowed_values/{id}

SUMMARY

Update a dsm parameter allowed value by id.

Table 925: POST /config/event_sources/log_source_management/log_source_types/ dsm_parameter_configuration/dsm_parameter_allowed_values/{id} resource details

POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/
dsm_parameter_allowed_values/{id} resource details

MIME Type

application/json

Table 926: POST /config/event_sources/log_source_management/log_source_types/ dsm_parameter_configuration/dsm_parameter_allowed_values/{id} request parameter details

POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/
dsm_parameter_allowed_values/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the dsm parameter to retrieve.

Table 926: POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 927: POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} request body details

POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
dsm_parameter_allowed_value	Object	application/json	null	{ "dsm_parameter_definition_id": 42, "id": 42, "name": "String", "sort_index": 42, "value": "String" }

Table 928: POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} response codes

POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} response codes

HTTP Response Code	Unique Code	Description
201		The dsm parameter allowed value was updated successfully.
404	1086	The dsm parameter allowed value ID was not found.

Table 928: POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_allowed_values/{id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	1081	The provided dsm_parameter_definition_id is not valid.
422	1082	The provided name is not valid.
422	1083	The provided value is not valid.
422	1084	The provided sort index is not valid.
422	1085	The record already exists.
500	1087	An error occurred during the attempt to update the dsm parameter.

Response Description

The result will have a list of the following fields:

- **id** - Long - The id of the created/updated dsm parameter allowed value.
- **value** - String - The value of the dsm parameter. Cannot be empty. Must be 8192 characters or less.
- **dsm_parameter_definition_id** - Long - The id of the corresponding dsmparameterdefinition.
- **name** - String - The name of the dsm parameter allowed value.
- **sort_index** - Long - the index of the record for sorting.

Response Sample

```
{
```

```
"dsm_parameter_definition_id": 42,  
"id": 42,  
"name": "String",  
"sort_index": 42,  
"value": "String"  
}
```

GET /config/event_sources/log_source_management/log_source_types/ dsm_parameter_configuration/dsm_parameter_definition

SUMMARY

Retrieve dsm parameter definitions.

Table 929: GET /config/event_sources/log_source_management/log_source_types/ dsm_parameter_configuration/dsm_parameter_definition resource details

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/
dsm_parameter_definition resource details

MIME Type

application/json

Table 930: GET /config/event_sources/log_source_management/log_source_types/ dsm_parameter_configuration/dsm_parameter_definition request parameter details

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/
dsm_parameter_definition request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 931: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_definition response codes

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameter_definition response codes

HTTP Response Code	Unique Code	Description
201		The dsm parameter definition was retrieved successfully.
500	1009	An error occurred while attempting to retrieve dsm parameter definitions.

Response Description

The result will have a list of the following fields:

- **id** - The id of the dsm parameter definition.
- **internal_name** - String - The name of the dsm parameter definition.
- **name_localization_key** - String - The localized name of the dsm parameter definition.
- **description_localization_key** - String - The localized description of the dsm parameter definition.
- **type** - String - The type of the dsm parameter definition.
- **default_value** - The default value of the dsm parameter definition.
- **sort_index** - Long - The Sort Index of the dsm parameter definition.
- **min_length** - Long - The min length of the values of the dsm parameter definition.
- **max_length** - Long - The min length of the values of the dsm parameter definition.
- **min_value** - Long - The min value of the values of the dsm parameter definition
- **max_value** - Long - The min value of the values of the dsm parameter definition
- **pattern** - String - The pattern of the values of the dsm parameter definition.
- **pattern_description** - String - The description of the pattern of the values of the dsm parameter definition.

Response Sample

```
[
  {
    "allowed_values": [
      {
        "dsm_parameter_definition_id": 42,
        "id": 42,
        "name": "String",
        "sort_index": 42,
        "value": "String"
      }
    ]
  }
]
```

```

    ],
    "default_value": "String",
    "description_localization_key": "String",
    "id": 42,
    "internal_name": "String",
    "max_length": 42,
    "max_value": 42,
    "min_length": 42,
    "min_value": 42,
    "name_localization_key": "String",
    "pattern": "String",
    "pattern_description": "String",
    "sort_index": 42,
    "type": "String"
  }
]

```

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters

SUMMARY

Retrieve dsm parameters.

Table 932: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters resource details

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters resource details

MIME Type

application/json

Table 933: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters request parameter details

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 934: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters response codes

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters response codes

HTTP Response Code	Unique Code	Description
200		The dsm parameters retrieved successfully.
500	1019	An error occurred while attempting to retrieve dsm parameters.

Response Description

The result will have a list of the following fields:

- **id** - The id of the created dsm parameter.
- **value** - String - The value of the dsm parameter. Cannot be empty. Must be 8192 characters or less.
- **dsm_parameter_definition_id** - Long - The id of the corresponding dsmparameterdefinition.
- **sensor_device_type_id** - Long - The id of the corresponding sensordevicetype.
- **event_collector_id** - Long - The id of the corresponding eventcollector component.

Response Sample

```
[
  {
    "dsm_parameter_definition": {
      "allowed_values": [
        {
          "dsm_parameter_definition_id": 42,
          "id": 42,
          "name": "String",
          "sort_index": 42,
          "value": "String"
        }
      ],
      "default_value": "String",
      "description_localization_key": "String",
      "id": 42,
      "internal_name": "String",
      "max_length": 42,
      "max_value": 42,
      "min_length": 42,
      "min_value": 42,
      "name_localization_key": "String",
      "pattern": "String",
      "pattern_description": "String",
      "sort_index": 42,
```

```

        "type": "String"
    },
    "event_collector_id": 42,
    "id": 42,
    "sensor_device_type_id": 42,
    "value": "String"
}
]

```

PATCH /config/event_sources/log_source_management/ log_source_types/dsm_parameter_configuration/dsm_parameters

SUMMARY

Create new dsm parameters or Update available dsm parameters.

The following fields can be provided in the body of this request, all other dsm parameter fields will be ignored:

- **id** - Long - The id of the dsm parameter. If field id exist it considers as an update otherwise it is a create action.
- **value** - String - The value of the dsm parameter. Cannot be empty. Must be 8192 characters or less.
- **dsm_parameter_definition_id** - Long - The id of the corresponding dsmparameterdefinition.
- **sensor_device_type_id** - Long - The id of the corresponding sensordevicetype.
- **event_collector_id** - Long - The id of the corresponding eventcollector component.

Table 935: PATCH /config/event_sources/log_source_management/log_source_types/ dsm_parameter_configuration/dsm_parameters resource details

PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/
dsm_parameters resource details

MIME Type

application/json

Table 936: PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters request parameter details

PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	header	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 937: PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters request body details

PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters request body details

Parameter	Data Type	MIME Type	Description	Sample
dsm_paramaters	Array<Object>	application/json	null	[{ "dsm_parameter_definition_id": 42, "event_collector_id": 42, "id": 42, "sensor_device_type_id": 42, "value": "String" }]

Table 938: PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters response codes

PATCH /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters response codes

HTTP Response Code	Unique Code	Description
207		The dsm parameters were created/updated successfully.
422	1001	The provided dsm_parameter_definition_id is not valid.
422	1002	The provided event_collector_id is not valid.
422	1003	The provided sensor_device_type_id is not valid.
422	1004	The provided value is not valid.
422	1005	The provided dsm parameter id is invalid.
422	1006	A record with the same (dsm_parameter_definition_id, event_collector_id, sensor_device_type_id) already exists.
500	1020	An error occurred while attempting to create the dsm parameter.

Response Description

A list of the newly created or updated dsm parameters which will have the following fields:

- **id** - Long- The id of the created/updated dsm parameter.
- **value** - String - The value of the dsm parameter. Cannot be empty. Must be 8192 characters or less.
- **dsm_parameter_definition** - The corresponding dsm parameter definition object.
- **sensor_device_type_id** - Long - The id of the corresponding sensordevicetype.
- **event_collector_id** - Long - The id of the corresponding eventcollector component.

Response Sample

```
[
  {
    "dsm_parameter_definition": {
      "allowed_values": [
        {
          "dsm_parameter_definition_id": 42,
          "id": 42,
          "name": "String",
          "sort_index": 42,
          "value": "String"
        }
      ],
      "default_value": "String",
      "description_localization_key": "String",
      "id": 42,
      "internal_name": "String",
      "max_length": 42,
      "max_value": 42,
      "min_length": 42,
      "min_value": 42,
      "name_localization_key": "String",
      "pattern": "String",
      "pattern_description": "String",
      "sort_index": 42,
```

```

    "type": "String"
  },
  "event_collector_id": 42,
  "id": 42,
  "sensor_device_type_id": 42,
  "value": "String"
}
]

```

DELETE /config/event_sources/log_source_management/ log_source_types/dsm_parameter_configuration/dsm_parameters/{id}

SUMMARY

Deletes a dsm paramater by ID.

Table 939: DELETE /config/event_sources/log_source_management/log_source_types/ dsm_parameter_configuration/dsm_parameters/{id} resource details

DELETE /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/
dsm_parameters/{id} resource details

MIME Type

text/plain

Table 940: DELETE /config/event_sources/log_source_management/log_source_types/ dsm_parameter_configuration/dsm_parameters/{id} request parameter details

DELETE /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/
dsm_parameters/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the dsm parameter to delete.

Table 941: DELETE /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} response codes

DELETE /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} response codes

HTTP Response Code	Unique Code	Description
204		The dsm parameter was deleted successfully.
404	1036	The dsm parameter was not found.
500	1030	An error occurred while attempting to delete the dsm parameter.

Response Description

Response Sample

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id}

SUMMARY

Retrieve a dsm parameter by id.

Table 942: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} resource details

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} resource details

MIME Type

application/json

Table 943: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} request parameter details

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the dsm parameter to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 944: GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} response codes

GET /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} response codes

HTTP Response Code	Unique Code	Description
200		The dsm parameter retrieved successfully.
404	1006	The dsm parameter ID was not found.
500	1020	An error occurred during the attempt to retrieve the dsm parameter.

Response Description

The result will have a list of the following fields:

- **id** - The id of the created dsm parameter.
- **value** - String - The value of the dsm parameter. Cannot be empty. Must be 8192 characters or less.
- **dsm_parameter_definition** - Long - The corresponding dsmparameterdefinition.
- **sensor_device_type_id** - Long - The id of the corresponding sensordevicetype.
- **event_collector_id** - Long - The id of the corresponding eventcollector component.

Response Sample

```
{
  "dsm_parameter_definition": {
    "allowed_values": [
      {
        "dsm_parameter_definition_id": 42,
        "id": 42,
```

```
        "name": "String",
        "sort_index": 42,
        "value": "String"
    }
],
"default_value": "String",
"description_localization_key": "String",
"id": 42,
"internal_name": "String",
"max_length": 42,
"max_value": 42,
"min_length": 42,
"min_value": 42,
"name_localization_key": "String",
"pattern": "String",
"pattern_description": "String",
"sort_index": 42,
"type": "String"
},
"event_collector_id": 42,
"id": 42,
"sensor_device_type_id": 42,
"value": "String"
}
```

POST /config/event_sources/log_source_management/ log_source_types/dsm_parameter_configuration/dsm_parameters/{id}

SUMMARY

Update a dsm parameter by id.

Table 945: POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} resource details

POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} resource details

MIME Type

application/json

Table 946: POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} request parameter details

POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the dsm parameter to retrieve.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 947: POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} request body details

POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
dsm_paramaters	Object	application/json	null	{ "dsm_parameter_definition_id": 42, "event_collector_id": 42, "id": 42, "sensor_device_type_id": 42, "value": "String" }

Table 948: POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} response codes

POST /config/event_sources/log_source_management/log_source_types/dsm_parameter_configuration/dsm_parameters/{id} response codes

HTTP Response Code	Unique Code	Description
201		The log source type was created successfully.
404	1026	The dsm parameter ID was not found.
422	1021	The provided dsm_parameter_definition_id is not valid.
422	1022	The provided event_collector_id is not valid.
422	1023	The provided sensor_device_type_id is not valid.
422	1024	The provided value is not valid.
422	1025	A record with the same (dsm_parameter_definition_id, event_collector_id, sensor_device_type_id) already exists.
500	1027	An error occurred during the attempt to update the dsm parameter.

Response Description

The result will have a list of the following fields:

- **id** - The id of the created dsm parameter.
- **value** - String - The value of the dsm parameter. Cannot be empty. Must be 8192 characters or less.
- **dsm_parameter_definition** - Long - The corresponding dsmparameterdefinition.
- **sensor_device_type_id** - Long - The id of the corresponding sensordevicetype.
- **event_collector_id** - Long - The id of the corresponding eventcollector component.

Response Sample

```
{
  "dsm_parameter_definition": {
    "allowed_values": [
      {
        "dsm_parameter_definition_id": 42,
        "id": 42,
        "name": "String",
        "sort_index": 42,
        "value": "String"
      }
    ],
    "default_value": "String",
    "description_localization_key": "String",
    "id": 42,
    "internal_name": "String",
    "max_length": 42,
    "max_value": 42,
    "min_length": 42,
    "min_value": 42,
    "name_localization_key": "String",
    "pattern": "String",
    "pattern_description": "String",
    "sort_index": 42,
    "type": "String"
  }
}
```

```

},
"event_collector_id": 42,
"id": 42,
"sensor_device_type_id": 42,
"value": "String"
}

```

DELETE /config/event_sources/log_source_management/ log_source_types/{id}

SUMMARY

Deletes a custom log source type by ID.

Table 949: DELETE /config/event_sources/log_source_management/log_source_types/{id} resource details

DELETE /config/event_sources/log_source_management/log_source_types/{id} resource details

MIME Type

text/plain

Table 950: DELETE /config/event_sources/log_source_management/log_source_types/{id} request parameter details

DELETE /config/event_sources/log_source_management/log_source_types/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the custom log source type to delete.

Table 951: DELETE /config/event_sources/log_source_management/log_source_types/{id} response codes

DELETE /config/event_sources/log_source_management/log_source_types/{id} response codes

HTTP Response Code	Unique Code	Description
204		The log source type was deleted successfully.
404	1010	The log source type ID was not found.
409	1015	The requested log source type is not a custom type and thus cannot be deleted.
500	1020	An error occurred while attempting to delete the log source.

Response Description

Response Sample

GET /config/event_sources/log_source_management/log_source_types/{id}

SUMMARY

Retrieves a log source type by ID. If called by a user/authorized service with System Administrator, Security Admin, or Manage Log Source Types permissions, then all fields will be returned for the log source type. If called by a less privileged client, only name and ID are returned for the log source type.

Table 952: GET /config/event_sources/log_source_management/log_source_types/{id} resource details

GET /config/event_sources/log_source_management/log_source_types/{id} resource details

MIME Type
application/json

Table 953: GET /config/event_sources/log_source_management/log_source_types/{id} request parameter details

GET /config/event_sources/log_source_management/log_source_types/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the log source type to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 954: GET /config/event_sources/log_source_management/log_source_types/{id} response codes

GET /config/event_sources/log_source_management/log_source_types/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log source type was retrieved successfully.
404	1002	The log source type ID was not found.
500	1020	An error occurred during the attempt to retrieve the log source type.

Response Description

The log source type after it is retrieved. A log source type contains the following fields:

- **id** - Integer - The ID of the log source type.
- **name** - String - The unique name of the log source type. The name is not localized.
- **internal** - Boolean - The condition is set to 'true' if the log source type is an internal log source type (for example, System Notification, SIM Audit, Asset Profiler, and so on) for which log sources cannot be created, edited, or deleted. If this is a user configurable log source type, the condition is set to 'false'.
- **custom** - Boolean - The condition is set to 'true' if this is a custom log source type; otherwise, the condition is set to 'false'.
- **protocol_types** - Array - The full list of supported protocol types for the log source type. Ensure that every log source type links to at least one protocol type. Each item in this array is a ProtocolMapping structure, defining both the ID of the protocol type and a Boolean that indicates whether the protocol is documented/fully supported for this log source type.
- **default_protocol_id** - Long - The ID of the default protocol type for this log source type. The ID must correspond to an existing protocol type. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **log_source_extension_id** - Long - The log source extension that is associated with the log source type. The ID must correspond to an existing log source extension or be set to 'null'. See the Log Source Extension API (/api/config/event_sources/log_source_management/log_source_extensions/).
- **supported_language_ids** - Array - The IDs of the languages supported by this log source type. Each ID must correspond to an existing log source language. See the Log Source Language API (</api/>

config/event_sources/log_source_management/log_source_languages/). All non-custom log source types link to at least one language. Because languages are irrelevant for custom log source types, this field is 'null' for custom types.

- **version** - String - The log source type plugin version.
- **latest_version** - String - The latest available version of the log source type component.

Response Sample

```
{
  "custom": true,
  "default_protocol_id": 42,
  "id": 42,
  "internal": true,
  "latest_version": "String",
  "log_source_extension_id": 42,
  "name": "String",
  "protocol_types": [
    {
      "documented": true,
      "protocol_id": 42
    }
  ],
  "supported_language_ids": [
    42
  ],
  "uuid": "String",
  "version": "String"
}
```

POST /config/event_sources/log_source_management/log_source_types/{id}

SUMMARY

Updates a log source type by ID.

The following fields can be provided in the body of this request, all other log source type fields will be ignored:

- **name** - String - The name of the log source type. Cannot be empty. Must be 241 characters or less. Must not have been used before. This is only editable for custom log source types.
- **protocol_types** - Array - The protocols that can be used for the log source type. All protocol ids must exist, list cannot be empty. This is only editable for custom log source types.
- **default_protocol_id** - Long - The protocol option that should be the default solution for this log source type.
- **log_source_extension_id** - Long - The log source extension that is associated with the log source type. If specified, this must correspond to an existing log source extension. This field can have a value of 'null', which will remove the extension on this log source type.

Table 955: POST /config/event_sources/log_source_management/log_source_types/{id} resource details

POST /config/event_sources/log_source_management/log_source_types/{id} resource details

MIME Type

application/json

Table 956: POST /config/event_sources/log_source_management/log_source_types/{id} request parameter details

POST /config/event_sources/log_source_management/log_source_types/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the log source type to update.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 957: POST /config/event_sources/log_source_management/log_source_types/{id} request body details

POST /config/event_sources/log_source_management/log_source_types/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
log_source_type_data	Object	application/json	The updated log source type data. Any field not provided will be ignored.	{ "default_protocol_id": 42, "log_source_extension_id": 42, "name": "String", "protocol_types": [{ "protocol_id": 42 }], "uuid": "String" }

Table 958: POST /config/event_sources/log_source_management/log_source_types/{id} response codes

POST /config/event_sources/log_source_management/log_source_types/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log source type was updated successfully.
404	1010	The requested log source type cannot be found.

Table 958: POST /config/event_sources/log_source_management/log_source_types/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1001	The provided name is already in use.
422	1002	The provided name is empty.
422	1003	The provided name exceeds 241 characters.
422	1004	The provided protocol_types array is empty.
422	1005	The protocol_id for each ProtocolMapping in the protocol_types array must correspond to an existing protocol type.
422	1006	The provided log_source_extension_id does not correspond to an existing log source extension.
500	1020	An error occurred while attempting to update the log source.

Response Description

The updated log source type which will have the following fields:

- **id** - Integer - The ID of the log source type.
- **name** - String - The unique name of the log source type. The name is not localized.
- **internal** - Boolean - The condition is set to 'true' if the log source type is an internal log source type (for example, System Notification, SIM Audit, Asset Profiler, and so on) for which log sources cannot be created, edited, or deleted. If this is a user configurable log source type, the condition is set to 'false'.
- **custom** - Boolean - The condition is set to 'true' if this is a custom log source type; otherwise, the condition is set to 'false'.

- **protocol_types** - Array - The full list of supported protocol types for the log source type. Ensure that every log source type links to at least one protocol type. Each item in this array is a ProtocolMapping structure, defining both the ID of the protocol type and a Boolean that indicates whether the protocol is documented/fully supported for this log source type.
- **default_protocol_id** - Long - The ID of the default protocol type for this log source type. The ID must correspond to an existing protocol type. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **log_source_extension_id** - Long - The log source extension that is associated with the log source type. The ID must correspond to an existing log source extension or be set to 'null'. See the Log Source Extension API (/api/config/event_sources/log_source_management/log_source_extensions/).
- **supported_language_ids** - Array - The IDs of the languages supported by this log source type. Each ID must correspond to an existing log source language. See the Log Source Language API (/api/config/event_sources/log_source_management/log_source_languages/). All non-custom log source types link to at least one language. Because languages are irrelevant for custom log source types, this field is 'null' for custom types.
- **version** - String - The log source type plugin version.

Response Sample

```
{
  "custom": true,
  "default_protocol_id": 42,
  "id": 42,
  "internal": true,
  "log_source_extension_id": 42,
  "name": "String",
  "protocol_types": [
    {
      "documented": true,
      "protocol_id": 42
    }
  ],
  "supported_language_ids": [
    42
  ],
  "uuid": "String",
```

```
"version": "String"
}
```

GET /config/event_sources/log_source_management/log_sources

SUMMARY

Retrieves a list of log sources.

Table 959: GET /config/event_sources/log_source_management/log_sources resource details

GET /config/event_sources/log_source_management/log_sources resource details

MIME Type

application/json

Table 960: GET /config/event_sources/log_source_management/log_sources request parameter details

GET /config/event_sources/log_source_management/log_sources request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
x-qrd-encryption-algorithm	header	Optional	String	text/plain	The algorithm to use for encrypting the sensitive data of this endpoint. Must be one of: AES128 or AES256.
x-qrd-encryption-password	header	Optional	String	text/plain	The password to use for encrypting the sensitive data of this endpoint.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 960: GET /config/event_sources/log_source_management/log_sources request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 961: GET /config/event_sources/log_source_management/log_sources response codes

GET /config/event_sources/log_source_management/log_sources response codes

HTTP Response Code	Unique Code	Description
200		The log sources were retrieved successfully.
403	1010	Sensitive data requests require admin capabilities.
422	1000	Sorting not supported on the provided field.
422	1001	An invalid filter criteria was specified.

Table 961: GET /config/event_sources/log_source_management/log_sources response codes
(Continued)

HTTP Response Code	Unique Code	Description
422	1002	The 'x-qrd-encryption-algorithm' parameter does not match any of the available encryption algorithms.
422	1003	The specified encryption strength is not available. Consider installing "Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy" or using a weaker encryption.
422	1004	The 'x-qrd-encryption-password' parameter is required.
500	1020	An error occurred during the attempt to retrieve the log sources.

Response Description

The list of all log sources. A log source contains the following fields:

- **id** - Number - The ID of the log source.
- **name** - String - The unique name of the log source.
- **description** - String - An optional description of the log source.
- **type_id** - Number - The type of the log source. Must correspond to an existing log source type. See the Log Source Type API (/api/config/event_sources/log_source_management/log_source_types/).
- **protocol_type_id** - Number - The type of protocol that is used by the log source. Must correspond to an existing protocol type. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/). Individual log source types can support only a subset of all available protocol types, as indicated by the protocol_types field of the log source type structure.
- **protocol_parameters** - Array - The set of protocol parameters. This set is a collection of ProtocolParameter structures. The structure of the parameters is defined by the protocol type that is used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).

- **enabled** - Boolean - If the log source is enabled, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **gateway** - Boolean - If the log source is configured as a gateway, the condition is set to 'true'; otherwise, the condition is set to 'false'. A gateway log source is a stand-alone protocol configuration. The log source receives no events itself, and serves as a host for a protocol configuration that retrieves event data to feed other log sources. It acts as a "gateway" for events from multiple systems to enter the event pipeline.
- **internal** - Boolean - If the log source is internal (when the log source type is defined as internal), the condition is set to 'true'.
- **credibility** - Short - On a scale of 0 - 10 inclusive, the amount of credibility that the JSA administrator places on this log source.
- **target_event_collector_id** - Number - The ID of the event collector where the log source sends its data. The ID must correspond to an existing event collector. See the Event Collector API (/api/config/event_sources/event_collectors/).
- **disconnected_log_collector_id** - Number - The ID of the disconnected log collector where this log source will run. The ID must correspond to an existing disconnected log collector. See the Disconnected Log Collector API (/api/config/event_sources/disconnected_log_collectors/).
- **coalesce_events** - Boolean - If events collected by this log source are coalesced based on common properties, the condition is set to 'true'. If each individual event is stored, then the condition is set to 'false'.
- **store_event_payload** - Boolean - If the payloads of events that are collected by this log source are stored, the condition is set to 'true'. If only the normalized event records are stored, then the condition is set to 'false'.
- **log_source_extension_id** - Long - The log source extension associated with the log source. The ID must correspond to an existing log source extension or be set to 'null'. See the Log Source Extension API (/api/config/event_sources/log_source_management/log_source_extensions/).
- **language_id** - Integer - The language of the events that are being processed by this log source. Must correspond to an existing log source language. See the Log Source Language API (/api/config/event_sources/log_source_management/log_source_languages/). Individual log source types can support only a subset of all available log source languages, as indicated by the supported_language_ids field of the log source type structure
- **group_ids** - Array - The set of log source group IDs this log source is a member of. Each ID must correspond to an existing log source group. See the Log Source Group API (/api/config/event_sources/log_source_management/log_source_groups/).

- **requires_deploy** Boolean - Set to 'true' if you need to deploy changes to enable the log source for use; otherwise, set to 'false' if the log source is already active.
- **status** - Object - The status of the log source.
- **auto_discovered** - Boolean - If the log source was auto-discovered, the condition is set to 'true'. If the log source was created by a user, then the condition is set to 'false'.
- **average_eps** - Number - The average events per second (EPS) rate of the log source over the last 60 seconds.
- **creation_date** - Number - The creation date/time of the log source (in milliseconds since epoch).
- **modified_date** - Number - The last modified date/time of the log source (in milliseconds since epoch).
- **last_event_time** - Number - The date/time of the last event received by the log source (in milliseconds since epoch).
- **wincollect_internal_destination_id** - Long - The internal WinCollect destination for this log source, if applicable. Log sources without an associated WinCollect agent have a null value. Must correspond to an existing WinCollect destination. See the WinCollect Destination API (/api/config/event_sources/wincollect/wincollect_destinations/).
- **wincollect_external_destination_ids** - Array<Long> - The set of external WinCollect destinations for this log source, if applicable. Log Sources without an associated WinCollect agent have a null value. Each ID must correspond to an existing WinCollect destination. See the WinCollect Destination API (/api/config/event_sources/wincollect/wincollect_destinations/).
- **legacy_bulk_group_name** - Array<Long> - The name of the legacy bulk group that this log source belongs to. If the field is null, then the log source is not part of any legacy bulk groups.
- **sending_ip** - String - The ip of the system which the log source is associated to, or fed by.
- **parsing_order** - Integer - The order in which log sources will parse if multiple exists with a common identifier.

Response Sample

```
[{"sending_ip": "String", "internal": true, "legacy_bulk_group_name": "String",
"protocol_parameters": [{"name": "String", "id": 42, "value": "String"}], "description":
"String", "coalesce_events": true, "enabled": true, "parsing_order": 42, "group_ids": [42],
"average_eps": 42, "credibility": 42, "id": 42, "store_event_payload": true,
"target_event_collector_id": 42, "protocol_type_id": 42, "language_id": 42, "creation_date": 42,
```

```
"log_source_extension_id": 42, "wincollect_external_destination_ids": [42], "name": "String",
"auto_discovered": true, "modified_date": 42, "type_id": 42, "last_event_time": 42,
"requires_deploy": true, "gateway": true, "wincollect_internal_destination_id": 42, "status":
{"last_updated": 42, "messages": [{"severity": "String", "text": "String", "timestamp": 42}],
"status": "String"}, "disconnected_log_collector_id": 42}]
```

PATCH /config/event_sources/log_source_management/log_sources

SUMMARY

Patches an array of log sources. Capable of creating, updating and deleting multiple log sources in the same transaction.

A log source contains the following fields:

- **id** - Number - The ID of the log source.
- **name** - String - The unique name of the log source.
- **description** - String - An optional description of the log source.
- **type_id** - Number - The type of the log source. Must correspond to an existing log source type. See the Log Source Type API (/api/config/event_sources/log_source_management/log_source_types/).
- **protocol_type_id** - Number - The type of protocol that is used by the log source. Must correspond to an existing protocol type. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/). Individual log source types can support only a subset of all available protocol types, as indicated by the protocol_types field of the log source type structure.
- **protocol_parameters** - Array - The set of protocol parameters. This set is a collection of ProtocolParameter structures. The structure of the parameters is defined by the protocol type that is used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **enabled** - Boolean - If the log source is enabled, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **deleted** - Boolean - This can only be used in this endpoint. It is used to specify whether a given log source should be deleted from the system.

- **gateway** - Boolean - If the log source is configured as a gateway, the condition is set to 'true'; otherwise, the condition is set to 'false'. A gateway log source is a stand-alone protocol configuration. The log source receives no events itself, and serves as a host for a protocol configuration that retrieves event data to feed other log sources. It acts as a "gateway" for events from multiple systems to enter the event pipeline.
- **internal** - Boolean - If the log source is internal (when the log source type is defined as internal), the condition is set to 'true'.
- **credibility** - Short - On a scale of 0 - 10 inclusive, the amount of credibility that the JSA administrator places on this log source.
- **target_event_collector_id** - Number - The ID of the event collector where the log source sends its data. The ID must correspond to an existing event collector. See the Event Collector API (/api/config/event_sources/event_collectors/).
- **disconnected_log_collector_id** - Number - The ID of the disconnected log collector where this log source will run. The ID must correspond to an existing disconnected log collector. See the Disconnected Log Collector API (/api/config/event_sources/disconnected_log_collectors/).
- **coalesce_events** - Boolean - If events collected by this log source are coalesced based on common properties, the condition is set to 'true'. If each individual event is stored, then the condition is set to 'false'.
- **store_event_payload** - Boolean - If the payloads of events that are collected by this log source are stored, the condition is set to 'true'. If only the normalized event records are stored, then the condition is set to 'false'.
- **log_source_extension_id** - Long - The log source extension associated with the log source. The ID must correspond to an existing log source extension or be set to 'null'. See the Log Source Extension API (/api/config/event_sources/log_source_management/log_source_extensions/)
- **language_id** - Integer - The language of the events that are being processed by this log source. Must correspond to an existing log source language. See the Log Source Language API (/api/config/event_sources/log_source_management/log_source_languages/). Individual log source types can support only a subset of all available log source languages, as indicated by the supported_language_ids field of the log source type structure
- **group_ids** - Array - The set of log source group IDs this log source is a member of. Each ID must correspond to an existing log source group. See the Log Source Group API (/api/config/event_sources/log_source_management/log_source_groups/).
- **requires_deploy** Boolean - Set to 'true' if you need to deploy changes to enable the log source for use; otherwise, set to 'false' if the log source is already active.
- **status** - Object - The status of the log source.

- **auto_discovered** - Boolean - If the log source was auto-discovered, the condition is set to 'true'. If the log source was created by a user, then the condition is set to 'false'.
- **average_eps** - Number - The average events per second (EPS) rate of the log source over the last 60 seconds.
- **creation_date** - Number - The creation date/time of the log source (in milliseconds since epoch).
- **modified_date** - Number - The last modified date/time of the log source (in milliseconds since epoch).
- **last_event_time** - Number - The date/time of the last event received by the log source (in milliseconds since epoch).
- **wincollect_internal_destination_id** - Long - The internal WinCollect destination for this log source, if applicable. Log sources without an associated WinCollect agent have a null value. Must correspond to an existing WinCollect destination. See the WinCollect Destination API (/api/config/event_sources/wincollect/wincollect_destinations/).
- **wincollect_external_destination_ids** - Array<Long> - The set of external WinCollect destinations for this log source, if applicable. Log Sources without an associated WinCollect agent have a null value. Each ID must correspond to an existing WinCollect destination. See the WinCollect Destination API (/api/config/event_sources/wincollect/wincollect_destinations/).
- **legacy_bulk_group_name** - Array<Long> - The name of the legacy bulk group that this log source belongs to. If the field is null, then the log source is not part of any legacy bulk groups.
- **sending_ip** - String - The ip of the system which the log source is associated to, or fed by.
- **parsing_order** - Integer - The order in which log sources will parse if multiple exists with a common identifier.

A protocol parameter contains the following fields:

- **id** - Number - The ID of the protocol parameter. The ID matches one of the ProtocolParameterType objects defined by the Protocol Type used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **name** - The name of the protocol parameter. The name matches one of the ProtocolParameterType objects defined by the Protocol Type used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **value** - String - The value of the parameter.

A status parameter contains the following fields:

- **status** - Enumeration - The status of the log source. Possible values are N/A, SUCCESS, WARN, ERROR, DISABLED.
- **messages** - Array An array of LogSourceStatusMessage structures.

- **last_updated** - String - The time of the last status update (in milliseconds since epoch).

A 'status' message parameter contains the following fields:

- **severity** - Enumeration - The severity of the status message. Possible values are INFO, WARN, ERROR.
- **text** - The localized text of the status message.

Table 962: PATCH /config/event_sources/log_source_management/log_sources resource details

PATCH /config/event_sources/log_source_management/log_sources resource details

MIME Type
text/plain

Table 963: PATCH /config/event_sources/log_source_management/log_sources request body details

PATCH /config/event_sources/log_source_management/log_sources request body details

Parameter	Data Type	MIME Type	Description	Sample
log_source_data	Array<Object>	application/json	The new log source data.	[{ "coalesce_events": true, "credibility": 42, "deleted": true, "description": "String", "disconnected_log_collector_id": 42, "enabled": true, "gateway": true, "group_ids": [42], "id": 42, "language_id": 42, "legacy_bulk_group_name": "String", "log_source_extension_id": 42, "name": "String", "parsing_order": 42, "protocol_parameters": [{ "id": 42, "name": "String", "value": "String" }], "protocol_type_id": 42, "requires_deploy": true, "sending_ip": "String", "store_event_payload": true, "target_event_collector_id": 42, "type_id": 42, "wincollect_external_destination_ids": [42], "wincollect_internal_destination_id": 42 }]

Table 964: PATCH /config/event_sources/log_source_management/log_sources response codes

PATCH /config/event_sources/log_source_management/log_sources response codes

HTTP Response Code	Unique Code	Description
202		with a location header to a LogSourceBulkTask resource.
403	1000	The endpoint cannot be used by users associated with a tenant.
500	1100	An error occurred during the attempt to create the log source.

Response Description

Response Sample

POST /config/event_sources/log_source_management/log_sources

SUMMARY

Creates a new log source.

A log source contains the following fields:

- **id** - Number - The ID of the log source.
- **name** - String - The unique name of the log source.
- **description** - String - An optional description of the log source.
- **type_id** - Number - The type of the log source. Must correspond to an existing log source type. See the Log Source Type API (/api/config/event_sources/log_source_management/log_source_types/).
- **protocol_type_id** - Number - The type of protocol that is used by the log source. Must correspond to an existing protocol type. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/). Individual log source types can support only a subset of all available protocol types, as indicated by the protocol_types field of the log source type structure.
- **protocol_parameters** - Array - The set of protocol parameters. This set is a collection of ProtocolParameter structures. The structure of the parameters is defined by the protocol type that is used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).

- **enabled** - Boolean - If the log source is enabled, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **gateway** - Boolean - If the log source is configured as a gateway, the condition is set to 'true'; otherwise, the condition is set to 'false'. A gateway log source is a stand-alone protocol configuration. The log source receives no events itself, and serves as a host for a protocol configuration that retrieves event data to feed other log sources. It acts as a "gateway" for events from multiple systems to enter the event pipeline.
- **internal** - Boolean - If the log source is internal (when the log source type is defined as internal), the condition is set to 'true'.
- **credibility** - Short - On a scale of 0 - 10 inclusive, the amount of credibility that the JSA administrator places on this log source.
- **target_event_collector_id** - Number - The ID of the event collector where the log source sends its data. The ID must correspond to an existing event collector. See the Event Collector API (/api/config/event_sources/event_collectors/).
- **disconnected_log_collector_id** - Number - The ID of the disconnected log collector where this log source will run. The ID must correspond to an existing disconnected log collector. See the Disconnected Log Collector API (/api/config/event_sources/disconnected_log_collectors/).
- **coalesce_events** - Boolean - If events collected by this log source are coalesced based on common properties, the condition is set to 'true'. If each individual event is stored, then the condition is set to 'false'.
- **store_event_payload** - Boolean - If the payloads of events that are collected by this log source are stored, the condition is set to 'true'. If only the normalized event records are stored, then the condition is set to 'false'.
- **log_source_extension_id** - Long - The log source extension associated with the log source. The ID must correspond to an existing log source extension or be set to 'null'. See the Log Source Extension API (/api/config/event_sources/log_source_management/log_source_extensions/).
- **language_id** - Integer - The language of the events that are being processed by this log source. Must correspond to an existing log source language. See the Log Source Language API (/api/config/event_sources/log_source_management/log_source_languages/). Individual log source types can support only a subset of all available log source languages, as indicated by the `supported_language_ids` field of the log source type structure.
- **group_ids** - Array - The set of log source group IDs this log source is a member of. Each ID must correspond to an existing log source group. See the Log Source Group API (/api/config/event_sources/log_source_management/log_source_groups/).

- **requires_deploy** Boolean - Set to 'true' if you need to deploy changes to enable the log source for use; otherwise, set to 'false' if the log source is already active.
- **status** - Object - The status of the log source.
- **auto_discovered** - Boolean - If the log source was auto-discovered, the condition is set to 'true'. If the log source was created by a user, then the condition is set to 'false'.
- **average_eps** - Number - The average events per second (EPS) rate of the log source over the last 60 seconds.
- **creation_date** - Number - The creation date/time of the log source (in milliseconds since epoch).
- **modified_date** - Number - The last modified date/time of the log source (in milliseconds since epoch).
- **last_event_time** - Number - The date/time of the last event received by the log source (in milliseconds since epoch).
- **wincollect_internal_destination_id** - Long - The internal WinCollect destination for this log source, if applicable. Log sources without an associated WinCollect agent have a null value. Must correspond to an existing WinCollect destination. See the WinCollect Destination API (/api/config/event_sources/wincollect/wincollect_destinations/).
- **wincollect_external_destination_ids** - Array<Long> - The set of external WinCollect destinations for this log source, if applicable. Log Sources without an associated WinCollect agent have a null value. Each ID must correspond to an existing WinCollect destination. See the WinCollect Destination API (/api/config/event_sources/wincollect/wincollect_destinations/).
- **legacy_bulk_group_name** - Array<Long> - The name of the legacy bulk group that this log source belongs to. If the field is null, then the log source is not part of any legacy bulk groups.
- **sending_ip** - String - The ip of the system which the log source is associated to, or fed by.
- **parsing_order** - Integer - The order in which log sources will parse if multiple exists with a common identifier.

A protocol parameter contains the following fields:

- **id** - Number - The ID of the protocol parameter. The ID matches one of the ProtocolParameterType objects defined by the Protocol Type used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **name** - The name of the protocol parameter. The name matches one of the ProtocolParameterType objects defined by the Protocol Type used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **value** - String - The value of the parameter.

A status parameter contains the following fields:

- **status** - Enumeration - The status of the log source. Possible values are N/A, SUCCESS, WARN, ERROR, DISABLED.
- **messages** - Array An array of LogSourceStatusMessage structures.
- **last_updated** - String - The time of the last status update (in milliseconds since epoch).

A 'status' message parameter contains the following fields:

- **severity** - Enumeration - The severity of the status message. Possible values are INFO, WARN, ERROR.
- **text** - The localized text of the status message.

Table 965: POST /config/event_sources/log_source_management/log_sources resource details

POST /config/event_sources/log_source_management/log_sources resource details

MIME Type

application/json

Table 966: POST /config/event_sources/log_source_management/log_sources request parameter details

POST /config/event_sources/log_source_management/log_sources request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 967: POST /config/event_sources/log_source_management/log_sources request body details

POST /config/event_sources/log_source_management/log_sources request body details

Parameter	Data Type	MIME Type	Description	Sample
log_source_data	Object	application/json	The log source to create.	{ "coalesce_events": true, "credibility": 42, "deleted": true, "description": "String", "disconnected_log_collector_id": 42, "enabled": true, "gateway": true, "group_ids": [42], "id": 42, "language_id": 42, "legacy_bulk_group_name": "String", "log_source_extension_id": 42, "name": "String", "parsing_order": 42, "protocol_parameters": [{ "id": 42, "name": "String", "value": "String" }], "protocol_type_id": 42, "requires_deploy": true, "sending_ip": "String", "store_event_payload": true, "target_event_collector_id": 42, "type_id": 42, "wincollect_external_destination_ids": [42], "wincollect_internal_destination_id": 42 }

Table 968: POST /config/event_sources/log_source_management/log_sources response codes

POST /config/event_sources/log_source_management/log_sources response codes

HTTP Response Code	Unique Code	Description
201		The log source was created successfully.
403	1000	The endpoint cannot be used by users associated with a tenant.
409	1001	The 'name' parameter must be unique.

Table 968: POST /config/event_sources/log_source_management/log_sources response codes
(Continued)

HTTP Response Code	Unique Code	Description
409	1002	The combination of 'type_id','protocol_type_id' and 'identifier' (from 'protocol_parameters') must be unique.
422	1003	The 'name' parameter is required.
422	1004	The 'name' parameter must not exceed 255 characters.
422	1005	The 'description' parameter must not exceed 255 characters.
422	1006	null
422	1007	The 'type_id' parameter does not match any of the available log source types.
422	1008	The 'type_id' parameter cannot correspond to an internal log source type.
422	1009	null
422	1010	The 'protocol_type_id' parameter does not match any of the available protocol types.
422	1011	The combination of 'type_id' and 'protocol_type_id' is not supported.
422	1012	The protocol parameter is invalid.
422	1013	The protocol parameter id or name is invalid.
422	1014	The protocol parameter value format is incorrect.

Table 968: POST /config/event_sources/log_source_management/log_sources response codes
(Continued)

HTTP Response Code	Unique Code	Description
422	1015	The protocol parameter is required but the value is missing.
422	1016	The protocol parameter value does not match one of the allowed values.
422	1017	The protocol parameter value is too short.
422	1018	The protocol parameter value is too long.
422	1019	The protocol parameter value is too big.
422	1020	The protocol parameter value is too small.
422	1021	The protocol parameter value does not match the allowed pattern.
422	1022	The protocol parameter is not a supported encoding.
422	1023	At least one protocol parameter from the group must be set.
422	1024	The 'credibility' parameter must be a value 0 - 10 inclusive.
422	1025	The 'target_event_collector_id' parameter does not match any of the available event collectors.
422	1026	The 'log_source_extension_id' parameter does not match any of the available log source extensions.
422	1027	The 'language_id' parameter does not match any of the available log source languages.

Table 968: POST /config/event_sources/log_source_management/log_sources response codes
(Continued)

HTTP Response Code	Unique Code	Description
422	1028	The 'language_id' parameter does not match a supported language for the selected log source type.
422	1029	The 'group_ids' parameter contains one or more group IDs that cannot be found.
422	1031	The 'group_ids' parameter contains unassignable groups (IDs 0 or 1).
422	1032	The 'wincollect_internal_destination_id' parameter does not match any available internal WinCollect destination.
422	1033	The 'wincollect_external_destination_ids' parameter contains one or more IDs that do not match an available external WinCollect destination.
422	1034	At least one internal or external WinCollect destination must be provided for log sources that are associated with a WinCollect agent.
422	1035	This method is not supported for this log source because it is part of a bulk group.
422	1036	This 'legacy_bulk_group_name' parameter can only be set to null.
422	1037	A log source using this protocol cannot be used as a gateway.
422	1038	The 'requires_deploy' parameter can only be set for log sources with protocol_type_id=0 (Syslog).
422	1039	The 'sending_ip' parameter is not a valid IP address.

Table 968: POST /config/event_sources/log_source_management/log_sources response codes
(Continued)

HTTP Response Code	Unique Code	Description
422	1040	The 'disconnected_log_collector_id' parameter does not match any of the available collectors.
422	1041	The log source can have a value for 'target_event_collector_id' or 'disconnected_log_collector_id', but not both.
422	1042	A log source associated with a Disconnected Log Collector must have its 'identifier' end with the collector's UUID.
500	1100	An error occurred during the attempt to create the log source.

Response Description

The newly created log source.

Response Sample

```
{
  "auto_discovered": true,
  "average_eps": 42,
  "coalesce_events": true,
  "creation_date": 42,
  "credibility": 42,
  "description": "String",
  "disconnected_log_collector_id": 42,
  "enabled": true,
  "gateway": true,
  "group_ids": [
    42
  ]
}
```

```
],
  "id": 42,
  "internal": true,
  "language_id": 42,
  "last_event_time": 42,
  "legacy_bulk_group_name": "String",
  "log_source_extension_id": 42,
  "modified_date": 42,
  "name": "String",
  "parsing_order": 42,
  "protocol_parameters": [
    {
      "id": 42,
      "name": "String",
      "value": "String"
    }
  ],
  "protocol_type_id": 42,
  "requires_deploy": true,
  "sending_ip": "String",
  "status": {
    "last_updated": 42,
    "messages": [
      {
        "severity": "String",
        "text": "String",
        "timestamp": 42
      }
    ],
    "status": "String"
  },
  "store_event_payload": true,
  "target_event_collector_id": 42,
  "type_id": 42,
  "wincollect_external_destination_ids": [
    42
  ],
  "wincollect_internal_destination_id": 42
}
```

DELETE /config/event_sources/log_source_management/log_sources/{id}

SUMMARY

Deletes a log source by ID.

Table 969: DELETE /config/event_sources/log_source_management/log_sources/{id} resource details

DELETE /config/event_sources/log_source_management/log_sources/{id} resource details

MIME Type

text/plain

Table 970: DELETE /config/event_sources/log_source_management/log_sources/{id} request parameter details

DELETE /config/event_sources/log_source_management/log_sources/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the log source to delete.

Table 971: DELETE /config/event_sources/log_source_management/log_sources/{id} response codes

DELETE /config/event_sources/log_source_management/log_sources/{id} response codes

HTTP Response Code	Unique Code	Description
204		The log source was deleted successfully.
403	1000	The endpoint cannot be used by users associated with a tenant.

Table 971: DELETE /config/event_sources/log_source_management/log_sources/{id} response codes
(Continued)

HTTP Response Code	Unique Code	Description
404	1010	The log source ID was not found.
422	1001	The requested log source cannot be deleted because its type_id corresponds to an internal log source type.
422	1002	This method is not supported for this log source because it is part of a bulk group.
500	1020	An error occurred while attempting to delete the log source.

Response Description

Response Sample

GET /config/event_sources/log_source_management/log_sources/{id}

SUMMARY

Retrieves a log source by ID.

Table 972: GET /config/event_sources/log_source_management/log_sources/{id} resource details

GET /config/event_sources/log_source_management/log_sources/{id} resource details

MIME Type
application/json

Table 973: GET /config/event_sources/log_source_management/log_sources/{id} request parameter details

GET /config/event_sources/log_source_management/log_sources/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the log source to retrieve.
x-qrd-encryption-algorithm	header	Optional	String	text/plain	The algorithm to use for encrypting the sensitive data of this endpoint. Must be one of: AES128 or AES256.
x-qrd-encryption-password	header	Optional	String	text/plain	The password to use for encrypting the sensitive data of this endpoint.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 974: GET /config/event_sources/log_source_management/log_sources/{id} response codes

GET /config/event_sources/log_source_management/log_sources/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log sources were retrieved successfully.
403	1010	Sensitive data requests require admin capabilities.
404	1002	The log source ID was not found.
422	1003	The 'x-qrd-encryption-algorithm' parameter does not match any of the available encryption algorithms.
422	1004	The specified encryption strength is not available. Consider installing "Java Cryptography Extension (JCE) Unlimited Strength Jurisdiction Policy" or using a weaker encryption.
422	1005	The 'x-qrd-encryption-password' parameter is required.
500	1020	An error occurred during the attempt to retrieve the log source.

Response Description

The retrieved log source. A log source contains the following fields:

- **id** - Number - The ID of the log source.
- **name** - String - The unique name of the log source.
- **description** - String - An optional description of the log source.
- **type_id** - Number - The type of the log source. Must correspond to an existing log source type. See the Log Source Type API (/api/config/event_sources/log_source_management/log_source_types/).
- **protocol_type_id** - Number - The type of protocol that is used by the log source. Must correspond to an existing protocol type. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/). Individual log source types can support only a subset of all available protocol types, as indicated by the protocol_types field of the log source type structure.

- **protocol_parameters** - Array - The set of protocol parameters. This set is a collection of ProtocolParameter structures. The structure of the parameters is defined by the protocol type that is used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **enabled** - Boolean - If the log source is enabled, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **gateway** - Boolean - If the log source is configured as a gateway, the condition is set to 'true'; otherwise, the condition is set to 'false'. A gateway log source is a stand-alone protocol configuration. The log source receives no events itself, and serves as a host for a protocol configuration that retrieves event data to feed other log sources. It acts as a "gateway" for events from multiple systems to enter the event pipeline.
- **internal** - Boolean - If the log source is internal (when the log source type is defined as internal), the condition is set to 'true'.
- **credibility** - Short - On a scale of 0 - 10 inclusive, the amount of credibility that the JSA administrator places on this log source.
- **target_event_collector_id** - Number - The ID of the event collector where the log source sends its data. The ID must correspond to an existing event collector. See the Event Collector API (/api/config/event_sources/event_collectors/).
- **disconnected_log_collector_id** - Number - The ID of the disconnected log collector where this log source will run. The ID must correspond to an existing disconnected log collector. See the Disconnected Log Collector API (/api/config/event_sources/disconnected_log_collectors/).
- **coalesce_events** - Boolean - If events collected by this log source are coalesced based on common properties, the condition is set to 'true'. If each individual event is stored, then the condition is set to 'false'.
- **store_event_payload** - Boolean - If the payloads of events that are collected by this log source are stored, the condition is set to 'true'. If only the normalized event records are stored, then the condition is set to 'false'.
- **log_source_extension_id** - Long - The log source extension associated with the log source. The ID must correspond to an existing log source extension or be set to 'null'. See the Log Source Extension API (/api/config/event_sources/log_source_management/log_source_extensions/).
- **language_id** - Integer - The language of the events that are being processed by this log source. Must correspond to an existing log source language. See the Log Source Language API (/api/config/event_sources/log_source_management/log_source_languages/). Individual log source types can support only a subset of all available log source languages, as indicated by the supported_language_ids field of the log source type structure

- **group_ids** - Array - The set of log source group IDs this log source is a member of. Each ID must correspond to an existing log source group. See the Log Source Group API (/api/config/event_sources/log_source_management/log_source_groups/).
- **requires_deploy** Boolean - Set to 'true' if you need to deploy changes to enable the log source for use; otherwise, set to 'false' if the log source is already active.
- **status** - Object - The status of the log source.
- **auto_discovered** - Boolean - If the log source was auto-discovered, the condition is set to 'true'. If the log source was created by a user, then the condition is set to 'false'.
- **average_eps** - Number - The average events per second (EPS) rate of the log source over the last 60 seconds.
- **creation_date** - Number - The creation date/time of the log source (in milliseconds since epoch).
- **modified_date** - Number - The last modified date/time of the log source (in milliseconds since epoch).
- **last_event_time** - Number - The date/time of the last event received by the log source (in milliseconds since epoch).
- **wincollect_internal_destination_id** - Long - The internal WinCollect destination for this log source, if applicable. Log sources without an associated WinCollect agent have a null value. Must correspond to an existing WinCollect destination. See the WinCollect Destination API (/api/config/event_sources/wincollect/wincollect_destinations/).
- **wincollect_external_destination_ids** - Array<Long> - The set of external WinCollect destinations for this log source, if applicable. Log Sources without an associated WinCollect agent have a null value. Each ID must correspond to an existing WinCollect destination. See the WinCollect Destination API (/api/config/event_sources/wincollect/wincollect_destinations/).
- **legacy_bulk_group_name** - Array<Long> - The name of the legacy bulk group that this log source belongs to. If the field is null, then the log source is not part of any legacy bulk groups.
- **sending_ip** - String - The ip of the system which the log source is associated to, or fed by.
- **parsing_order** - Integer - The order in which log sources will parse if multiple exists with a common identifier.

Response Sample

```
{
```



```
"auto_discovered": true,
"average_eps": 42,
"coalesce_events": true,
"creation_date": 42,
"credibility": 42,
"description": "String",
"disconnected_log_collector_id": 42,
"enabled": true,
"gateway": true,
"group_ids": [
  42
],
"id": 42,
"internal": true,
"language_id": 42,
"last_event_time": 42,
"legacy_bulk_group_name": "String",
"log_source_extension_id": 42,
"modified_date": 42,
"name": "String",
"parsing_order": 42,
"protocol_parameters": [
  {
    "id": 42,
    "name": "String",
    "value": "String"
  }
],
"protocol_type_id": 42,
"requires_deploy": true,
"sending_ip": "String",
"status": {
  "last_updated": 42,
  "messages": [
    {
      "severity": "String",
      "text": "String",
      "timestamp": 42
    }
  ],
  "status": "String"
},
"store_event_payload": true,
```

```

    "target_event_collector_id": 42,
    "type_id": 42,
    "wincollect_external_destination_ids": [
        42
    ],
    "wincollect_internal_destination_id": 42
}

```

POST /config/event_sources/log_source_management/log_sources/{id}

SUMMARY

Updates a log source by ID.

A log source contains the following fields:

- **id** - Number - The ID of the log source.
- **name** - String - The unique name of the log source.
- **description** - String - An optional description of the log source.
- **type_id** - Number - The type of the log source. Must correspond to an existing log source type. See the Log Source Type API (/api/config/event_sources/log_source_management/log_source_types/).
- **protocol_type_id** - Number - The type of protocol that is used by the log source. Must correspond to an existing protocol type. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/). Individual log source types can support only a subset of all available protocol types, as indicated by the protocol_types field of the log source type structure.
- **protocol_parameters** - Array - The set of protocol parameters. This set is a collection of ProtocolParameter structures. The structure of the parameters is defined by the protocol type that is used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **enabled** - Boolean - If the log source is enabled, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **gateway** - Boolean - If the log source is configured as a gateway, the condition is set to 'true'; otherwise, the condition is set to 'false'. A gateway log source is a stand-alone protocol configuration.

The log source receives no events itself, and serves as a host for a protocol configuration that retrieves event data to feed other log sources. It acts as a "gateway" for events from multiple systems to enter the event pipeline.

- **internal** - Boolean - If the log source is internal (when the log source type is defined as internal), the condition is set to 'true'.
- **credibility** - Short - On a scale of 0 - 10 inclusive, the amount of credibility that the JSA administrator places on this log source.
- **target_event_collector_id** - Number - The ID of the event collector where the log source sends its data. The ID must correspond to an existing event collector. See the Event Collector API (/api/config/event_sources/event_collectors/).
- **disconnected_log_collector_id** - Number - The ID of the disconnected log collector where this log source will run. The ID must correspond to an existing disconnected log collector. See the Disconnected Log Collector API (/api/config/event_sources/disconnected_log_collectors/).
- **coalesce_events** - Boolean - If events collected by this log source are coalesced based on common properties, the condition is set to 'true'. If each individual event is stored, then the condition is set to 'false'.
- **store_event_payload** - Boolean - If the payloads of events that are collected by this log source are stored, the condition is set to 'true'. If only the normalized event records are stored, then the condition is set to 'false'.
- **log_source_extension_id** - Long - The log source extension associated with the log source. The ID must correspond to an existing log source extension or be set to 'null'. See the Log Source Extension API (/api/config/event_sources/log_source_management/log_source_extensions/)
- **language_id** - Integer - The language of the events that are being processed by this log source. Must correspond to an existing log source language. See the Log Source Language API (/api/config/event_sources/log_source_management/log_source_languages/). Individual log source types can support only a subset of all available log source languages, as indicated by the supported_language_ids field of the log source type structure
- **group_ids** - Array - The set of log source group IDs this log source is a member of. Each ID must correspond to an existing log source group. See the Log Source Group API (/api/config/event_sources/log_source_management/log_source_groups/).
- **requires_deploy** Boolean - Set to 'true' if you need to deploy changes to enable the log source for use; otherwise, set to 'false' if the log source is already active.
- **status** - Object - The status of the log source.
- **auto_discovered** - Boolean - If the log source was auto-discovered, the condition is set to 'true'. If the log source was created by a user, then the condition is set to 'false'.

- **average_eps** - Number - The average events per second (EPS) rate of the log source over the last 60 seconds.
- **creation_date** - Number - The creation date/time of the log source (in milliseconds since epoch).
- **modified_date** - Number - The last modified date/time of the log source (in milliseconds since epoch).
- **last_event_time** - Number - The date/time of the last event received by the log source (in milliseconds since epoch).
- **wincollect_internal_destination_id** - Long - The internal WinCollect destination for this log source, if applicable. Log sources without an associated WinCollect agent have a null value. Must correspond to an existing WinCollect destination. See the WinCollect Destination API (/api/config/event_sources/wincollect/wincollect_destinations/).
- **wincollect_external_destination_ids** - Array<Long> - The set of external WinCollect destinations for this log source, if applicable. Log Sources without an associated WinCollect agent have a null value. Each ID must correspond to an existing WinCollect destination. See the WinCollect Destination API (/api/config/event_sources/wincollect/wincollect_destinations/).
- **legacy_bulk_group_name** - Array<Long> - The name of the legacy bulk group that this log source belongs to. If the field is null, then the log source is not part of any legacy bulk groups.
- **sending_ip** - String - The ip of the system which the log source is associated to, or fed by.
- **parsing_order** - Integer - The order in which log sources will parse if multiple exists with a common identifier.

A protocol parameter contains the following fields:

- **id** - Number - The ID of the protocol parameter. The ID matches one of the ProtocolParameterType objects defined by the Protocol Type used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **name** - The name of the protocol parameter. The name matches one of the ProtocolParameterType objects defined by the Protocol Type used by the log source. See the Protocol Type API (/api/config/event_sources/log_source_management/protocol_types/).
- **value** - String - The value of the parameter.

A status parameter contains the following fields:

- **status** - Enumeration - The status of the log source. Possible values are N/A, SUCCESS, WARN, ERROR, DISABLED.
- **messages** - Array An array of LogSourceStatusMessage structures.
- **last_updated** - String - The time of the last status update (in milliseconds since epoch).

A 'status' message parameter contains the following fields:

- **severity** - Enumeration - The severity of the status message. Possible values are INFO, WARN, ERROR.
- **text** - The localized text of the status message.

Table 975: POST /config/event_sources/log_source_management/log_sources/{id} resource details

POST /config/event_sources/log_source_management/log_sources/{id} resource details

MIME Type
application/json

Table 976: POST /config/event_sources/log_source_management/log_sources/{id} request parameter details

POST /config/event_sources/log_source_management/log_sources/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the log source to update.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 977: POST /config/event_sources/log_source_management/log_sources/{id} request body details

POST /config/event_sources/log_source_management/log_sources/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
log_source_data	Object	application/json	The updated log source data. Any field not provided will be ignored.	{ "coalesce_events": true, "credibility": 42, "deleted": true, "description": "String", "disconnected_log_collector_id": 42, "enabled": true, "gateway": true, "group_ids": [42], "id": 42, "language_id": 42, "legacy_bulk_group_name": "String", "log_source_extension_id": 42, "name": "String", "parsing_order": 42, "protocol_parameters": [{ "id": 42, "name": "String", "value": "String" }], "protocol_type_id": 42, "requires_deploy": true, "sending_ip": "String", "store_event_payload": true, "target_event_collector_id": 42, "type_id": 42, "wincollect_external_destination_ids": [42], "wincollect_internal_destination_id": 42 }

Table 978: POST /config/event_sources/log_source_management/log_sources/{id} response codes

POST /config/event_sources/log_source_management/log_sources/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log source was updated successfully.
403	1000	The endpoint cannot be used by users associated with a tenant.
404	1050	The requested log source cannot be found.
409	1001	The 'name' parameter must be unique.

**Table 978: POST /config/event_sources/log_source_management/log_sources/{id} response codes
(Continued)**

HTTP Response Code	Unique Code	Description
409	1002	The combination of 'type_id','protocol_type_id' and 'identifier' (from 'protocol_parameters') must be unique.
422	1004	The 'name' parameter is required.
422	1005	The 'name' parameter must not exceed 255 characters.
422	1006	The 'description' parameter must not exceed 255 characters.
422	1007	The 'type_id' parameter does not match any of the available log source types.
422	1008	The 'type_id' parameter cannot correspond to an internal log source type.
422	1009	The 'protocol_type_id' parameter does not match any of the available protocol types.
422	1010	The combination of 'type_id' and 'protocol_type_id' is not supported.
422	1011	The requested log source cannot be updated because its type_id corresponds to an internal log source type.
422	1012	The protocol parameter is invalid.
422	1013	The protocol parameter id or name is invalid.
422	1014	The protocol parameter value format is incorrect.
422	1015	The protocol parameter is required but the value is missing.

**Table 978: POST /config/event_sources/log_source_management/log_sources/{id} response codes
(Continued)**

HTTP Response Code	Unique Code	Description
422	1016	The protocol parameter value does not match one of the allowed values.
422	1017	The protocol parameter value is too short.
422	1018	The protocol parameter value is too long.
422	1019	The protocol parameter value is too big.
422	1020	The protocol parameter value is too small.
422	1021	The protocol parameter value does not match the allowed pattern.
422	1022	The protocol parameter is not a supported encoding.
422	1023	At least one protocol parameter from the group must be set.
422	1024	The 'credibility' parameter must be a value 0 - 10 inclusive.
422	1025	The 'target_event_collector_id' parameter does not match any of the available event collectors.
422	1026	The 'log_source_extension_id' parameter does not match any of the available log source extensions.
422	1027	The 'language_id' parameter does not match any of the available log source languages.
422	1028	The 'language_id' parameter does not match a supported language for the selected log source type.

**Table 978: POST /config/event_sources/log_source_management/log_sources/{id} response codes
(Continued)**

HTTP Response Code	Unique Code	Description
422	1029	The 'group_ids' parameter contains one or more group IDs that cannot be found.
422	1030	The 'group_ids' parameter contains unassignable groups (IDs 0 or 1).
422	1031	The 'wincollect_internal_destination_id' parameter does not match any available internal WinCollect destination.
422	1032	The 'wincollect_external_destination_ids' parameter contains one or more IDs that do not match an available external WinCollect destination.
422	1033	At least one internal or external WinCollect destination must be provided for log sources that are associated with a WinCollect agent.
422	1034	This method is not supported for this log source because it is part of a bulk group.
422	1035	This legacy_bulk_group_name field can only be set to null.
422	1036	A log source using this protocol cannot be used as a gateway.
422	1039	The 'sending_ip' parameter is not a valid IP address.
422	1040	The 'parsing_order' parameter must be a nonnegative integer.
422	1041	The requested 'parsing_order' is already in use by a log source with the same identifier.

Table 978: POST /config/event_sources/log_source_management/log_sources/{id} response codes
(Continued)

HTTP Response Code	Unique Code	Description
422	1042	The 'disconnected_log_collector_id' parameter does not match any of the available collectors.
422	1043	The log source can have a value for 'target_event_collector_id' or 'disconnected_log_collector_id', but not both.
422	1044	A log source associated with a Disconnected Log Collector must have its 'identifier' end with the collector's UUID.
500	1100	An error occurred during the attempt to create the log source.

Response Description

The updated log source identified by the id specified in the request.

Response Sample

```
{
  "auto_discovered": true,
  "average_eps": 42,
  "coalesce_events": true,
  "creation_date": 42,
  "credibility": 42,
  "description": "String",
  "disconnected_log_collector_id": 42,
  "enabled": true,
  "gateway": true,
  "group_ids": [
    42
  ]
}
```

```
],
  "id": 42,
  "internal": true,
  "language_id": 42,
  "last_event_time": 42,
  "legacy_bulk_group_name": "String",
  "log_source_extension_id": 42,
  "modified_date": 42,
  "name": "String",
  "parsing_order": 42,
  "protocol_parameters": [
    {
      "id": 42,
      "name": "String",
      "value": "String"
    }
  ],
  "protocol_type_id": 42,
  "requires_deploy": true,
  "sending_ip": "String",
  "status": {
    "last_updated": 42,
    "messages": [
      {
        "severity": "String",
        "text": "String",
        "timestamp": 42
      }
    ],
    "status": "String"
  },
  "store_event_payload": true,
  "target_event_collector_id": 42,
  "type_id": 42,
  "wincollect_external_destination_ids": [
    42
  ],
  "wincollect_internal_destination_id": 42
}
```

GET /config/event_sources/log_source_management/protocol_types

SUMMARY

Retrieves the list of protocol types. Requires the System Administrator, Security Admin, or Manage Log Sources permission.

Table 979: GET /config/event_sources/log_source_management/protocol_types resource details

GET /config/event_sources/log_source_management/protocol_types resource details

MIME Type

application/json

Table 980: GET /config/event_sources/log_source_management/protocol_types request parameter details

GET /config/event_sources/log_source_management/protocol_types request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 980: GET /config/event_sources/log_source_management/protocol_types request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 981: GET /config/event_sources/log_source_management/protocol_types response codes

GET /config/event_sources/log_source_management/protocol_types response codes

HTTP Response Code	Unique Code	Description
200		The protocol types were retrieved successfully.
500	1020	An error occurred during the attempt to retrieve the protocols.

Response Description

The list of all protocol types. A protocol type contains the following fields:

- **id** - Long - The ID of the protocol type.
- **name** - String - The unique name of the protocol type.
- **version** - String - The version of the protocol type component.
- **latest_version** - String - The latest available version of the protocol type component.
- **gateway_supported** - Boolean - If this protocol type can be configured for a gateway log source, the condition is set to 'true'; otherwise, the condition is set to 'false'. A gateway log source is a stand-alone protocol configuration. The log source receives no events itself, and serves as a host for a protocol configuration that retrieves event data to feed other log sources. It acts as a "gateway" for events from multiple systems to enter the event pipeline. Not all protocol types can be used as a gateway if they don't support collecting event data from multiple sources.
- **inbound** - Boolean - Indicates whether this is an inbound protocol.

- **parameters** - Array - The parameters of this protocol type.
- **parameter_groups** - Array - The parameter groups of this protocol type.
- **testing_capabilities** - Object - The testing capabilities of this protocol type. These describe the capabilities of the Log Source Testing API for Log Sources using this Protocol Type.

A parameter contains the following fields:

- **id** - Long - The ID of the parameter.
- **name** - String - The name of the parameter.
- **type** - Enumeration - The type of the parameter. Possible values are: STRING, TEXT, INTEGER, REAL, BOOLEAN, DATE, TIME, DATETIME, INTERVAL, HOST, PASSWORD, REGEX
- **group_id** - Number - The ID of the protocol parameter group that this parameter belongs to. The group_id is optional.
- **required** - Boolean - If the parameter is mandatory, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **min_length** - Integer - The minimum length of the parameter value for the following parameter types: STRING, TEXT, HOST, PASSWORD, REGEX. The min_length is optional.
- **max_length** - Integer - The maximum length of the parameter value for the following parameter types: STRING, TEXT, HOST, PASSWORD, REGEX. The max_length is optional.
- **min_value** - String - The minimum of the parameter value for the following parameter types: INTEGER, REAL, DATE, TIME, DATETIME, INTERVAL. The min_value is optional.
- **max_value** - String - The maximum of the parameter value for the following parameter types: INTEGER, REAL, DATE, TIME, DATETIME, INTERVAL. The max_value is optional.
- **default_value** - String - The optional default parameter value.
- **pattern** - String - An optional Java regex pattern restriction on the parameter value for the following parameter types: STRING, TEXT, HOST, PASSWORD.
- **pattern_error_message** - String - An optional message to display when the 'pattern' restriction fails.
- **allowed_values** - Array - An optional restrictive list of allowed parameter values that is used to implement an enumeration parameter.
- **rules** - Array - Parameter rules manage different parameter conditions (for example, Option A is only available when Option B is set to 'true', Option C is required whenever Option A is set to 'false', and so on.)

A parameter allowed value contains the following fields:

- **name** - String - The name of the allowed value.
- **value** - String - The allowed value.

A parameter rule contains the following fields:

- **parameter_id** - String - The ID of the parameter affected by the rule.
- **trigger_parameter_id** - Long - The ID of the trigger parameter.
- **trigger_pattern** - String - The pattern that triggers the rule. For example, if the value of `trigger_parameter_id` matches the regular expression of this field, the rule triggers.
- **affected_property** - String - The affected property. Possible values are:
 - AVAILABLE: Indicates that the parameter's availability will be affected by this rule
 - REQUIRED: Indicates that the required state of the parameter will be affected by this rule
 - DEFAULT: Indicates that the default value of the parameter will be affected by this rule.
- **affected_property_value** - String - The value to be applied to the affected parameter when the rule is triggered. The following list explains how this field is interpreted based on the affected property::
 - AVAILABLE: This will be a boolean value indicating whether the affected parameter should be available. Since all fields are always available by default, setting this to 'true' does not make much sense.
 - REQUIRED: This will be a boolean value indicating whether the affected parameter should be required.
 - DEFAULT: This will be the default value to be used by the affected parameter.

A parameter group contains the following fields:

- **id** - Long - The ID of the protocol parameter group.
- **name** - String - The name of the protocol parameter group
- **required** - Boolean - If at least one parameter in this group must be set, the condition is set to 'true'; otherwise, the condition is set to 'false'.

Testing capabilities contain the following fields:

- **testable** - Boolean - Indicates whether the protocol type is testable.
- **can_collect_events** - Boolean - Indicates whether the protocol type can collect test events.
- **can_accept_sample_events** - Boolean - Indicates whether the protocol type can accept sample events (only applicable to inbound protocol types).

Response Sample

```
[
  {
    "gateway_supported": true,
    "id": 42,
    "inbound": true,
    "latest_version": "String",
    "name": "String",
    "parameter_groups": [
      {
        "id": 42,
        "name": "String",
        "required": true
      }
    ],
    "parameters": [
      {
        "allowed_values": [
          {
            "name": "String",
            "value": "String"
          }
        ],
        "default_value": "String",
        "description": "String",
        "group_id": 42,
        "id": 42,
        "label": "String",
        "max_length": 42,
        "max_value": "String",
        "min_length": 42,
        "min_value": "String",
        "name": "String",
        "pattern": "String",
        "pattern_description": "String",
        "required": true,
        "rules": [
          {
            "affected_property": "String",
```



```

        "affected_property_value": "String",
        "parameter_id": 42,
        "trigger_parameter_id": 42,
        "trigger_pattern": "String"
    }
],
    "type": "String"
}
],
"testing_capabilities": {
    "can_accept_sample_events": true,
    "can_collect_events": true,
    "testable": true
},
"version": "String"
}
]

```

GET /config/event_sources/log_source_management/protocol_types/{id}

SUMMARY

Retrieves a protocol type by ID. Requires the System Administrator, Security Admin, or Manage Log Sources permission.

Table 982: GET /config/event_sources/log_source_management/protocol_types/{id} resource details

GET /config/event_sources/log_source_management/protocol_types/{id} resource details

MIME Type

application/json

Table 983: GET /config/event_sources/log_source_management/protocol_types/{id} request parameter details

GET /config/event_sources/log_source_management/protocol_types/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the protocol type to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 984: GET /config/event_sources/log_source_management/protocol_types/{id} response codes

GET /config/event_sources/log_source_management/protocol_types/{id} response codes

HTTP Response Code	Unique Code	Description
200		The protocol type was retrieved successfully.
404	1002	The protocol type ID was not found.
500	1020	An error occurred during the attempt to retrieve the protocol.

Response Description

The protocol type after it is retrieved. A protocol type contains the following fields:

- **id** - Long - The ID of the protocol type.
- **name** - String - The unique name of the protocol type.

- **version** - String - The version of the protocol type component.
- **latest_version** - String - The latest available version of the protocol type component.
- **gateway_supported** - Boolean - If this protocol type can be configured for a gateway log source, the condition is set to 'true'; otherwise, the condition is set to 'false'. A gateway log source is a stand-alone protocol configuration. The log source receives no events itself, and serves as a host for a protocol configuration that retrieves event data to feed other log sources. It acts as a "gateway" for events from multiple systems to enter the event pipeline. Not all protocol types can be used as a gateway if they don't support collecting event data from multiple sources.
- **inbound** - Boolean - Indicates whether this is an inbound protocol.
- **parameters** - Array - The parameters of this protocol type.
- **parameter_groups** - Array - The parameter groups of this protocol type.
- **testing_capabilities** - Object - The testing capabilities of this protocol type. These describe the capabilities of the Log Source Testing API for Log Sources using this Protocol Type.

A parameter contains the following fields:

- **id** - Long - The ID of the parameter.
- **name** - String - The name of the parameter.
- **type** - Enumeration - The type of the parameter. Possible values are: STRING, TEXT, INTEGER, REAL, BOOLEAN, DATE, TIME, DATETIME, INTERVAL, HOST, PASSWORD, REGEX
- **group_id** - Number - The ID of the protocol parameter group that this parameter belongs to. The group_id is optional.
- **required** - Boolean - If the parameter is mandatory, the condition is set to 'true'; otherwise, the condition is set to 'false'.
- **min_length** - Integer - The minimum length of the parameter value for the following parameter types: STRING, TEXT, HOST, PASSWORD, REGEX. The min_length is optional.
- **max_length** - Integer - The maximum length of the parameter value for the following parameter types: STRING, TEXT, HOST, PASSWORD, REGEX. The max_length is optional.
- **min_value** - String - The minimum of the parameter value for the following parameter types: INTEGER, REAL, DATE, TIME, DATETIME, INTERVAL. The min_value is optional.
- **max_value** - String - The maximum of the parameter value for the following parameter types: INTEGER, REAL, DATE, TIME, DATETIME, INTERVAL. The max_value is optional.
- **default_value** - String - The optional default parameter value.

- **pattern** - String - An optional Java regex pattern restriction on the parameter value for the following parameter types: STRING, TEXT, HOST, PASSWORD.
- **pattern_error_message** - String - An optional message to display when the 'pattern' restriction fails.
- **allowed_values** - Array - An optional restrictive list of allowed parameter values that is used to implement an enumeration parameter.
- **rules** - Array - Parameter rules manage different parameter conditions (for example, Option A is only available when Option B is set to 'true', Option C is required whenever Option A is set to 'false', and so on.)

A parameter allowed value contains the following fields:

- **name** - String - The name of the allowed value.
- **value** - String - The allowed value.

A parameter rule contains the following fields:

- **parameter_id** - String - The ID of the parameter affected by the rule.
- **trigger_parameter_id** - Long - The ID of the trigger parameter.
- **trigger_pattern** - String - The pattern that triggers the rule. For example, if the value of trigger_parameter_id matches the regular expression of this field, the rule triggers.
- **affected_property** - String - The affected property. Possible values are:
 - AVAILABLE: Indicates that the parameter's availability will be affected by this rule
 - REQUIRED: Indicates that the required state of the parameter will be affected by this rule
 - DEFAULT: Indicates that the default value of the parameter will be affected by this rule.
- **affected_property_value** - String - The value to be applied to the affected parameter when the rule is triggered. The following list explains how this field is interpreted based on the affected property::
 - AVAILABLE: This will be a boolean value indicating whether the affected parameter should be available. Since all fields are always available by default, setting this to 'true' does not make much sense.
 - REQUIRED: This will be a boolean value indicating whether the affected parameter should be required.
 - DEFAULT: This will be the default value to be used by the affected parameter.

A parameter group contains the following fields:

- **id** - Long - The ID of the protocol parameter group.

- **name** - String - The name of the protocol parameter group
- **required** - Boolean - If at least one parameter in this group must be set, the condition is set to 'true'; otherwise, the condition is set to 'false'.

Testing capabilities contain the following fields:

- **testable** - Boolean - Indicates whether the protocol type is testable.
- **can_collect_events** - Boolean - Indicates whether the protocol type can collect test events.
- **can_accept_sample_events** - Boolean - Indicates whether the protocol type can accept sample events (only applicable to inbound protocol types).

Response Sample

```
{
  "gateway_supported": true,
  "id": 42,
  "inbound": true,
  "latest_version": "String",
  "name": "String",
  "parameter_groups": [
    {
      "id": 42,
      "name": "String",
      "required": true
    }
  ],
  "parameters": [
    {
      "allowed_values": [
        {
          "name": "String",
          "value": "String"
        }
      ],
      "default_value": "String",
      "description": "String",
      "group_id": 42,
      "id": 42,
```

```
    "label": "String",
    "max_length": 42,
    "max_value": "String",
    "min_length": 42,
    "min_value": "String",
    "name": "String",
    "pattern": "String",
    "pattern_description": "String",
    "required": true,
    "rules": [
      {
        "affected_property": "String",
        "affected_property_value": "String",
        "parameter_id": 42,
        "trigger_parameter_id": 42,
        "trigger_pattern": "String"
      }
    ],
    "type": "String"
  }
],
"testing_capabilities": {
  "can_accept_sample_events": true,
  "can_collect_events": true,
  "testable": true
},
"version": "String"
}
```

GET /config/event_sources/property_discovery_profiles

SUMMARY

Gets all PropertyDiscoveryProfiles currently in the system.

Table 985: GET /config/event_sources/property_discovery_profiles resource details

GET /config/event_sources/property_discovery_profiles resource details

MIME Type
application/json

Table 986: GET /config/event_sources/property_discovery_profiles request parameter details

GET /config/event_sources/property_discovery_profiles request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 987: GET /config/event_sources/property_discovery_profiles response codes

GET /config/event_sources/property_discovery_profiles response codes

HTTP Response Code	Unique Code	Description
500	1020	An internal server error has occurred.

Response Description

A List of PropertyDiscoveryProfiles currently in the system.

- **id** - Integer - The ID of the property discovery profile.
- **property_discovery_type** - String - The type of property discovery for this profile (JSON or NONE).
- **optimized** - Boolean - Indicates whether this profile creates custom properties as optimized.
- **active** - Boolean - Indicates whether this profile is enabled and actively being used.
- **threshold** - Integer - How many events should be handling creating no custom-properties before this profile becomes inactive.
- **log_source_type_id** - Integer - The ID of a log-source-type that this profile corresponds to (This is the basic filter property, it must be set for the profile to be used).
- **create_for_normalized** - Boolean - If false, the property-discovery-engine will NOT create custom properties for any fields that match the name of a normalized system property. If true, it creates the properties, but with identifying tag on the name; for example a field that is called 'username' creates a custom-property that is named 'username_custom'.

Response Sample

```
[
  {
    "active": true,
    "create_for_normalized": true,
    "delimiter": "String",
    "delimiter_pair": "String",
    "id": 42,
    "log_source_type_id": 42,
```



```

    "property_discovery_type": "String",
    "threshold": 42,
    "use_for_rule_engine": true
  }
]

```

POST /config/event_sources/property_discovery_profiles

SUMMARY

Creates a PropertyDiscoveryProfile based on the information supplied by the property_discovery_profile JSON object.

Table 988: POST /config/event_sources/property_discovery_profiles resource details

POST /config/event_sources/property_discovery_profiles resource details

MIME Type

application/json

Table 989: POST /config/event_sources/property_discovery_profiles request parameter details

POST /config/event_sources/property_discovery_profiles request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 990: POST /config/event_sources/property_discovery_profiles request body details

POST /config/event_sources/property_discovery_profiles request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	A PropertyDiscoveryProfileCreate or DTO instance that describes the profile.	{ "active": true, "create_for_normalized": true, "delimiter": "String", "delimiter_pair": "String", "log_source_type_id": 42, "property_discovery_type": "String", "threshold": 42, "use_for_rule_engine": true }

Table 991: POST /config/event_sources/property_discovery_profiles response codes

POST /config/event_sources/property_discovery_profiles response codes

HTTP Response Code	Unique Code	Description
409	1004	Log source type id is already in use by another property discovery profile.
422	1010	If one or more of the parameters cannot be validated correctly.
500	1020	An internal server error has occurred.

Response Description

A PropertyDiscoveryProfile as created within the system.

- **id** - Integer - The ID of the property discovery profile.
- **property_discovery_type** - String - The type of property discovery for this profile (JSON or NONE).
- **optimized** - Boolean - Indicates whether this profile creates custom properties as optimized.
- **active** - Boolean - Indicates whether this profile is enabled and actively being used.

- **threshold** - Integer - How many events should be handling creating no custom-properties before this profile becomes inactive.
- **log_source_type_id** - Integer - The ID of a log-source-type that this profile corresponds to (This is the basic filter property, it must be set for the profile to be used).
- **create_for_normalized** - Boolean - If false, the property-discovery-engine will NOT create custom properties for any fields that match the name of a normalized system property. If true, it creates the properties, but with identifying tag on the name; for example a field that is called 'username' creates a custom-property that is named 'username_custom'.

Response Sample

```
{
  "active": true,
  "create_for_normalized": true,
  "delimiter": "String",
  "delimiter_pair": "String",
  "id": 42,
  "log_source_type_id": 42,
  "property_discovery_type": "String",
  "threshold": 42,
  "use_for_rule_engine": true
}
```

DELETE /config/event_sources/property_discovery_profiles/{id}

SUMMARY

Deletes the specified PropertyDiscoveryProfile.

Table 992: DELETE /config/event_sources/property_discovery_profiles/{id} resource details

DELETE /config/event_sources/property_discovery_profiles/{id} resource details

MIME Type
text/plain

Table 993: DELETE /config/event_sources/property_discovery_profiles/{id} request parameter details

DELETE /config/event_sources/property_discovery_profiles/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the PropertyDiscoveryProfile to be deleted.

Table 994: DELETE /config/event_sources/property_discovery_profiles/{id} response codes

DELETE /config/event_sources/property_discovery_profiles/{id} response codes

HTTP Response Code	Unique Code	Description
404	1002	If the supplied id does not correlate to an existing PropertyDiscoveryProfile.
500	1020	An internal server error has occurred.

Response Description

Response Sample

GET /config/event_sources/property_discovery_profiles/{id}

SUMMARY

Gets a PropertyDiscoveryProfile based on the information supplied by the property_discovery_profile corresponding to the supplied ID.

Table 995: GET /config/event_sources/property_discovery_profiles/{id} resource details

GET /config/event_sources/property_discovery_profiles/{id} resource details

MIME Type

application/json

Table 996: GET /config/event_sources/property_discovery_profiles/{id} request parameter details

GET /config/event_sources/property_discovery_profiles/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the PropertyDiscoveryProfile.

Table 996: GET /config/event_sources/property_discovery_profiles/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 997: GET /config/event_sources/property_discovery_profiles/{id} response codes

GET /config/event_sources/property_discovery_profiles/{id} response codes

HTTP Response Code	Unique Code	Description
404	1002	If the supplied id does not correlate to an existing PropertyDiscoveryProfile.
500	1020	An internal server error has occurred.

Response Description

A PropertyDiscoveryProfile corresponding to the supplied ID.

- **id** - Integer - The ID of the property discovery profile.
- **property_discovery_type** - String - The type of property discovery for this profile (JSON or NONE).
- **optimized** - Boolean - Indicates whether this profile creates custom properties as optimized.
- **active** - Boolean - Indicates whether this profile is enabled and actively being used.
- **threshold** - Integer - How many events should be handling creating no custom-properties before this profile becomes inactive.

- **log_source_type_id** - Integer - The ID of a log-source-type that this profile corresponds to (This is the basic filter property, it must be set for the profile to be used).
- **create_for_normalized** - Boolean - If false, the property-discovery-engine will NOT create custom properties for any fields that match the name of a normalized system property. If true, it creates the properties, but with identifying tag on the name; for example a field that is called 'username' creates a custom-property that is named 'username_custom'.

Response Sample

```
{
  "active": true,
  "create_for_normalized": true,
  "delimiter": "String",
  "delimiter_pair": "String",
  "id": 42,
  "log_source_type_id": 42,
  "property_discovery_type": "String",
  "threshold": 42,
  "use_for_rule_engine": true
}
```

POST /config/event_sources/property_discovery_profiles/{id}

SUMMARY

Updates a PropertyDiscoveryProfile based on the information supplied via the property_discovery_profile JSON object.

Table 998: POST /config/event_sources/property_discovery_profiles/{id} resource details

POST /config/event_sources/property_discovery_profiles/{id} resource details

MIME Type

application/json

Table 999: POST /config/event_sources/property_discovery_profiles/{id} request parameter details

POST /config/event_sources/property_discovery_profiles/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the PropertyDiscoveryProfile to be updated.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1000: POST /config/event_sources/property_discovery_profiles/{id} request body details

POST /config/event_sources/property_discovery_profiles/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	A PropertyDiscoveryProfileDTO instance that describes the profile to be updated.	{ "active": true, "create_for_normalized": true, "delimiter": "String", "delimiter_pair": "String", "log_source_type_id": 42, "property_discovery_type": "String", "threshold": 42, "use_for_rule_engine": true }

Table 1001: POST /config/event_sources/property_discovery_profiles/{id} response codes

POST /config/event_sources/property_discovery_profiles/{id} response codes

HTTP Response Code	Unique Code	Description
404	1002	If one or more of the parameters cannot be correlated to an existing system entity.
409	1004	Log source type id is already in use by another property discovery profile.
422	1010	If one or more of the parameters cannot be validated correctly.
500	1020	An internal server error has occurred.

Response Description

A PropertyDiscoveryProfile as updated within the system.

- **id** - Integer - The ID of the property discovery profile.
- **property_discovery_type** - String - The type of property discovery for this profile (JSON or NONE).
- **optimized** - Boolean - Indicates whether this profile creates custom properties as optimized.
- **active** - Boolean - Indicates whether this profile is enabled and actively being used.
- **threshold** - Integer - How many events should be handling creating no custom-properties before this profile becomes inactive.
- **log_source_type_id** - Integer - The ID of a log-source-type that this profile corresponds to (This is the basic filter property, it must be set for the profile to be used).
- **create_for_normalized** - Boolean - If false, the property-discovery-engine will NOT create custom properties for any fields that match the name of a normalized system property. If true, it creates the properties, but with identifying tag on the name; for example a field that is called 'username' creates a custom-property that is named 'username_custom'.

Response Sample

```
{
  "active": true,
  "create_for_normalized": true,
  "delimiter": "String",
  "delimiter_pair": "String",
  "id": 42,
  "log_source_type_id": 42,
  "property_discovery_type": "String",
  "threshold": 42,
  "use_for_rule_engine": true
}
```

GET /config/event_sources/wincollect/wincollect_agents

SUMMARY

Retrieves a list of WinCollect agents.

Table 1002: GET /config/event_sources/wincollect/wincollect_agents resource details

GET /config/event_sources/wincollect/wincollect_agents resource details

MIME Type

application/json

Table 1003: GET /config/event_sources/wincollect/wincollect_agents request parameter details

GET /config/event_sources/wincollect/wincollect_agents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1004: GET /config/event_sources/wincollect/wincollect_agents response codes

GET /config/event_sources/wincollect/wincollect_agents response codes

HTTP Response Code	Unique Code	Description
422	1010	The supplied filter is invalid
500	1020	An internal server error has occurred.

Response Description

A List of WinCollectAgentDTOs

- **id** - Integer - ID of the WinCollect agent.
- **name** - String - The name of the WinCollect agent.
- **description** - String - An optional description of the WinCollect agent.
- **host** - String - The IP address or hostname of the WinCollect agent.
- **version** - String - The version of the WinCollect agent.
- **os_version** - String - The operating system version of the host that the agent is running on.
- **status** - Enumeration - The status of the agent in JSA. Possible values are NO_COMMUNICATION_FROM_AGENT, RUNNING, STOPPED, or UNAVAILABLE (set when the Windows host reboots).
- **enabled** - Boolean - Set to 'true' if the agent is enabled or running; otherwise, it is set to 'false' if the agent is deliberately disabled or turned off.
- **autoupdates_enabled** - Boolean - Set to 'true' if the agent is allowed to autonomously request configuration and software updates from JSA; otherwise, set to 'false' if the agent is not allowed to receive updates.
- **autodiscovered** - Boolean - Set to 'true' if the agent was created when an agent registered with JSA. Otherwise, set to 'false' if a user manually created the agent before the agent initiated communication.
- **last_heartbeat_time** - Long - The date/time (in milliseconds since epoch) that a heartbeat signal from the agent was last received.
- **last_config_generation_time** - Long - The date/time (in milliseconds since epoch) that the agent's configuration file was last generated in JSA.

Response Sample

```
[
  {
    "autodiscovered": true,
    "autoupdates_enabled": true,
    "description": "String",
    "enabled": true,
    "host": "String",
    "id": 42,
```

```

    "last_config_generation_time": 42,
    "last_heartbeat_time": 42,
    "name": "String",
    "os_version": "String",
    "status": "String <one of: NO_COMMUNICATION_FROM_AGENT, RUNNING, STOPPED, UNAVAILABLE,
UNKNOWN>",
    "version": "String"
  }
]

```

GET /config/event_sources/wincollect/wincollect_agents/{id}

SUMMARY

Retrieves a WinCollect agent by ID.

Table 1005: GET /config/event_sources/wincollect/wincollect_agents/{id} resource details

GET /config/event_sources/wincollect/wincollect_agents/{id} resource details

MIME Type

application/json

Table 1006: GET /config/event_sources/wincollect/wincollect_agents/{id} request parameter details

GET /config/event_sources/wincollect/wincollect_agents/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The id of the WinCollect Agent to retrieve

Table 1006: GET /config/event_sources/wincollect/wincollect_agents/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1007: GET /config/event_sources/wincollect/wincollect_agents/{id} response codes

GET /config/event_sources/wincollect/wincollect_agents/{id} response codes

HTTP Response Code	Unique Code	Description
404	1010	The WinCollect agent ID was not found.

Response Description

A WinCollectAgentDTO represents the WinCollect Agent associated to the supplied id

- **id** - Integer - ID of the WinCollect agent.
- **name** - String - The name of the WinCollect agent.
- **description** - String - An optional description of the WinCollect agent.
- **host** - String - The IP address or hostname of the WinCollect agent.
- **version** - String - The version of the WinCollect agent.
- **os_version** - String - The operating system version of the host that the agent is running on.

- **status** - Enumeration - The status of the agent in JSA. Possible values are NO_COMMUNICATION_FROM_AGENT, RUNNING, STOPPED, or UNAVAILABLE (set when the Windows host reboots).
- **enabled** - Boolean - Set to 'true' if the agent is enabled or running; otherwise, it is set to 'false' if the agent is deliberately disabled or turned off.
- **autoupdates_enabled** - Boolean - Set to 'true' if the agent is allowed to autonomously request configuration and software updates from JSA; otherwise, set to 'false' if the agent is not allowed to receive updates.
- **autodiscovered** - Boolean - Set to 'true' if the agent was created when an agent registered with JSA. Otherwise, set to 'false' if a user manually created the agent before the agent initiated communication.
- **last_heartbeat_time** - Long - The date/time (in milliseconds since epoch) that a heartbeat signal from the agent was last received.
- **last_config_generation_time** - Long - The date/time (in milliseconds since epoch) that the agent's configuration file was last generated in JSA.

Response Sample

```
{
  "autodiscovered": true,
  "autoupdates_enabled": true,
  "description": "String",
  "enabled": true,
  "host": "String",
  "id": 42,
  "last_config_generation_time": 42,
  "last_heartbeat_time": 42,
  "name": "String",
  "os_version": "String",
  "status": "String <one of: NO_COMMUNICATION_FROM_AGENT, RUNNING, STOPPED, UNAVAILABLE, UNKNOWN>",
  "version": "String"
}
```

GET /config/event_sources/wincollect/wincollect_destinations

SUMMARY

Retrieves a list of WinCollect destinations.

Table 1008: GET /config/event_sources/wincollect/wincollect_destinations resource details

GET /config/event_sources/wincollect/wincollect_destinations resource details

MIME Type

application/json

Table 1009: GET /config/event_sources/wincollect/wincollect_destinations request parameter details

GET /config/event_sources/wincollect/wincollect_destinations request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1009: GET /config/event_sources/wincollect/wincollect_destinations request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1010: GET /config/event_sources/wincollect/wincollect_destinations response codes

GET /config/event_sources/wincollect/wincollect_destinations response codes

HTTP Response Code	Unique Code	Description
500	1020	An internal server error has occurred.

Response Description

A List of WinCollectAgentDTOs.

- **id** - Integer - The ID of the WinCollect destination.
- **name** - String - The name of the WinCollect destination.
- **host** - String - The IP or hostname of the WinCollect destination. WinCollect agents that use this destination send syslog event data to this host.
- **port** - Integer - The listen port of the WinCollect destination. WinCollect agents that use this destination send syslog event data to this port.
- **transport_protocol** - Enumeration - The protocol that is used to send event data to this WinCollect destination. Possible values are TCP or UDP.
- **event_rate_throttle** - Integer - The events-per-second rate that is used to throttle the event flow to this destination.
- **internal** - Boolean - Set to 'true' if the destination corresponds to a JSA event collector process from this deployment; otherwise, it is set to false if it is any other host.

Response Sample

```
[
  {
    "event_rate_throttle": 42,
    "host": "String",
    "id": 42,
    "internal": true,
    "name": "String",
    "port": 42,
    "tls_certificate": "String",
    "transport_protocol": "String <one of: UDP, TCP, TLS, UNKNOWN>"
  }
]
```

GET /config/event_sources/wincollect/wincollect_destinations/{id}

SUMMARY

Retrieves a WinCollect destination by ID.

Table 1011: GET /config/event_sources/wincollect/wincollect_destinations/{id} resource details

GET /config/event_sources/wincollect/wincollect_destinations/{id} resource details

MIME Type

application/json

Table 1012: GET /config/event_sources/wincollect/wincollect_destinations/{id} request parameter details

GET /config/event_sources/wincollect/wincollect_destinations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the WinCollect Destination to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1013: GET /config/event_sources/wincollect/wincollect_destinations/{id} response codes

GET /config/event_sources/wincollect/wincollect_destinations/{id} response codes

HTTP Response Code	Unique Code	Description
404	1010	The WinCollect destination ID was not found.
500	1020	An internal server error has occurred.

Response Description

A WinCollectDestinationDTO.

- **id** - Integer - The ID of the WinCollect destination.
- **name** - String - The name of the WinCollect destination.
- **host** - String - The IP or hostname of the WinCollect destination. WinCollect agents that use this destination send syslog event data to this host.
- **port** - Integer - The listen port of the WinCollect destination. WinCollect agents that use this destination send syslog event data to this port.

- **transport_protocol** - Enumeration - The protocol that is used to send event data to this WinCollect destination. Possible values are TCP or UDP.
- **event_rate_throttle** - Integer - The events-per-second rate that is used to throttle the event flow to this destination.
- **internal** - Boolean - Set to 'true' if the destination corresponds to a JSA event collector process from this deployment; otherwise, it is set to false if it is any other host.

Response Sample

```
{
  "event_rate_throttle": 42,
  "host": "String",
  "id": 42,
  "internal": true,
  "name": "String",
  "port": 42,
  "tls_certificate": "String",
  "transport_protocol": "String <one of: UDP, TCP, TLS, UNKNOWN>"
}
```

POST /config/extension_management/extension_export_tasks

SUMMARY

Exports an extension.

Exports an extension.

Table 1014: POST /config/extension_management/extension_export_tasks resource details

POST /config/extension_management/extension_export_tasks resource details

MIME Type

application/json

Table 1015: POST /config/extension_management/extension_export_tasks request parameter details

POST /config/extension_management/extension_export_tasks request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1016: POST /config/extension_management/extension_export_tasks request body details

POST /config/extension_management/extension_export_tasks request body details

Parameter	Data Type	MIME Type	Description	Sample
configData	Object	application/ json	Required - the configuration of the export.	<pre>{ "export_contents": [{ "content_item_ids": ["String"], "content_type": "String <one of: LOG_SOURCE_TYPES, LOG_SOURCES, CUSTOM_PROPERTIES, REGEX_EXPRESSIONS, LEEF_EXPRESSIONS, CEF_EXPRESSIONS, JSON_EXPRESSIONS, GENERIC_LIST_EXPRESSION S, NAME_VALUE_PAIR_EXPRES SIONS, XML_EXPRESSIONS, AQL_EXPRESSIONS, CALCULATED_EXPRESSIONS , AQL_PROPERTIES, CALCULATED_PROPERTIES, LOG_SOURCE_EXTENSIONS, QID_RECORDS, CUSTOM_RULES, REFERENCE_DATA, FGROUPS, SAVED_EVENT_FLOW_SEAR CHES, REPORTS, INSTALLED_APPLICATIONS, CUSTOM_ACTIONS, CUSTOM_FUNCTIONS, TAGGED_FIELDS>", "filters": [{ "column": "String", "filter_name": "String <one of: CUSTOM, NONDELETED, NONCUSTOM>", "operator": "String <one of: LIKE, ILIKE, EQUAL, NOT_EQUAL, GREATER, LOWER, IN, NOT_IN, REGEX>", "values": ["String"] }] }, "related_content": [{ "content_type": "String <one of: LOG_SOURCES, CUSTOM_PROPERTIES,</pre>

Table 1016: POST /config/extension_management/extension_export_tasks request body details
(Continued)

Parameter	Data Type	MIME Type	Description	Sample
				REGEX_EXPRESSIONS, LEEF_EXPRESSIONS, CEF_EXPRESSIONS, JSON_EXPRESSIONS, GENERIC_LIST_EXPRESSION S, NAME_VALUE_PAIR_EXPRES SIONS, XML_EXPRESSIONS, AQL_EXPRESSIONS, CALCULATED_EXPRESSIONS , AQL_PROPERTIES, CALCULATED_PROPERTIES, DSM_EVENT_MAPPINGS, LOG_SOURCE_EXTENSIONS, QID_RECORDS, REFERENCE_DATA_KEYS_AN D_ELEMENTS, FGROUPLINKS, CUSTOM_ACTION_PARAME TERS>, "filters": [{ "column": "String", "filter_name": "String <one of: CUSTOM, NONDELETED, NONCUSTOM>", "operator": "String <one of: LIKE, ILIKE, EQUAL, NOT_EQUAL, GREATER, LOWER, IN, NOT_IN, REGEX>", "values": ["String"] } } }], "manifest": { "author": "String", "description": "String", "id": "String", "min_qradar_version": "String", "name": "String", "support_contact": "String", "version": "String" } }

Table 1017: POST /config/extension_management/extension_export_tasks response codes

POST /config/extension_management/extension_export_tasks response codes

HTTP Response Code	Unique Code	Description
201		The requested export task has been started.
422	1021	The export configuration is invalid.
422	1022	The related_content is invalid.
422	1023	The content_item_ids is invalid.
422	1024	The manifest is invalid.
422	1025	The parameter is invalid.
500	1020	An error has occurred while trying to export the extension.

Response Description

A JSON string depicting the accepted task for exporting an extension:

- **task_id** - Number - id of the task status.
- **message** - String - description of the accepted task.
- **status_location** - String - the url of the task status.

Response Sample

```
{
  "task_id": 25,
  "message": "Installing an extension"
}
```


GET /config/extension_management/extension_export_tasks/{task_id}

SUMMARY

Retrieves the tasks status based on the task_id.

Retrieves the tasks status based on the task_id.

Table 1018: GET /config/extension_management/extension_export_tasks/{task_id} resource details

GET /config/extension_management/extension_export_tasks/{task_id} resource details

MIME Type

application/json

Table 1019: GET /config/extension_management/extension_export_tasks/{task_id} request parameter details

GET /config/extension_management/extension_export_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1020: GET /config/extension_management/extension_export_tasks/{task_id} response codes

GET /config/extension_management/extension_export_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested task status has been retrieved.
404	22604	The task status for status_id cannot be found.
422	22606	A supplied numeric parameter was not positive.
500	22602	An error has occurred while trying to retrieve the task status.

Response Description

A task status containing the following fields:

- **id** - Number - The ID of the task status.
- **name** - String - The name of the task status.
- **status** - String - A string that represents the current state of the task status.
- **message** - String - A message regarding the current state of the task.
- **progress** - Number - The current progress of the task
- **minimum** - Number - The minimum progress of the task.
- **maximum** - Number - The maximum progress of the task.
- **created_by** - String - The username of the user who created the task.
- **cancelled_by** - String - The username of the user who cancelled the task.
- **created** - Number - The date/time at which this task was created, represented as number of milliseconds since Unix epoch.
- **started** - Number - The date/time at which this task was started, represented as number of milliseconds since Unix epoch.
- **modified** - Number - The date/time at which this task was last modified, represented as number of milliseconds since Unix epoch.

- **completed** - Number - The date/time at which this task was completed, represented as number of milliseconds since Unix epoch.
- **result_url** - String - The url where the result can be viewed.
- **cancel_requested** - Boolean - True if cancel has been requested.
- **child_tasks** - Array - Array of child task id's that are executed asynchronously from this task.
- **task_components** - Array - Array of task components that are executed sequentially.

Response Sample

```
{
  "progress": 0,
  "result_url": "",
  "cancelled_by": "",
  "status": "COMPLETED",
  "task_components": null,
  "modified": 1440891517961,
  "id": 102,
  "message": "Completed Extension uninstallation task for extension id 56",
  "created_by": "admin",
  "created": 1440891514006,
  "maximum": 0,
  "cancel_requested": false,
  "name": "Extension uninstallation task",
  "child_tasks": null,
  "started": 1440891514041,
  "completed": 1440891515224
}
```

GET /config/extension_management/extension_export_tasks/{task_id}/extension_export

SUMMARY

Retrieves the exported extension based on the task_id.

Retrieves the exported extension based on the task_id.

Table 1021: GET /config/extension_management/extension_export_tasks/{task_id}/extension_export resource details

GET /config/extension_management/extension_export_tasks/{task_id}/extension_export resource details

MIME Type

application/zip

Table 1022: GET /config/extension_management/extension_export_tasks/{task_id}/extension_export request parameter details

GET /config/extension_management/extension_export_tasks/{task_id}/extension_export request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 1023: GET /config/extension_management/extension_export_tasks/{task_id}/extension_export response codes

GET /config/extension_management/extension_export_tasks/{task_id}/extension_export response codes

HTTP Response Code	Unique Code	Description
200		The requested task status has been retrieved.

Table 1023: GET /config/extension_management/extension_export_tasks/{task_id}/extension_export response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	22604	The task status for status_id cannot be found.
422	22606	A supplied numeric parameter was not positive.
500	22602	An error has occurred while trying to retrieve the file.

Response Description

A .zip file

Response Sample

GET /config/extension_management/extension_export_tasks/{task_id}/results

SUMMARY

Retrieves the tasks status results based on the task_id.

Retrieves the tasks status results based on the task_id.

Table 1024: GET /config/extension_management/extension_export_tasks/{task_id}/results resource details

GET /config/extension_management/extension_export_tasks/{task_id}/results resource details

MIME Type
application/json

Table 1025: GET /config/extension_management/extension_export_tasks/{task_id}/results request parameter details

GET /config/extension_management/extension_export_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1026: GET /config/extension_management/extension_export_tasks/{task_id}/results response codes

GET /config/extension_management/extension_export_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The requested results of the task status have been retrieved.
404	22604	The task status for status_id cannot be found.

Table 1026: GET /config/extension_management/extension_export_tasks/{task_id}/results response codes (Continued)

HTTP Response Code	Unique Code	Description
404	22614	The task results are not available.
422	22606	A supplied numeric parameter was not positive.
500	22602	An error has occurred while trying to retrieve the results of a task status.

Response Description

A JSON object representing the result of an export task. It contains the following fields:

- **id** - Number - The ID of the extension.
- **task_type** - String - The type of task that was issued against the Extension.
- **exportResult** - Array - An array of JSON objects representing the contents of the extension and what action is associated with each content item for the task that was executed. Each content item contains the following fields:
 - **progress** - Number - The number of exported items.
 - **fileName** - String - The name of the exported extension.
 - **exportDetails** - JSON Array - The name of the type of the content item.
 - **contentType** - String - The name of the exported content type.
 - **contentNames** - String Array - The name of the exported content type items.

Response Sample

```
{
  "id": 56,
```

```

"task_type": "EXPORT",
"exportResult": [
  "progress":120,
  "fileName": ".../fileName.zip",
  "exportDetails":[
    {
      "contentType": "sensordevicetype",
      "name": ["3com", "windows"]
    }
  ]
]
}

```

GET /config/extension_management/extensions

SUMMARY

Retrieve a list of extensions.

Requires the System Administrator or Security Admin permissions. Retrieves a list of extensions.

Table 1027: GET /config/extension_management/extensions resource details

GET /config/extension_management/extensions resource details

MIME Type

application/json

Table 1028: GET /config/extension_management/extensions request parameter details

GET /config/extension_management/extensions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1029: GET /config/extension_management/extensions response codes

GET /config/extension_management/extensions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of extensions has been retrieved.
422	22608	The supplied filter is invalid.
422	22615	Unknown status used in filter.

Table 1029: GET /config/extension_management/extensions response codes (Continued)

HTTP Response Code	Unique Code	Description
422	22610	The selected field cannot be utilized for sorting.
422	22609	Only top-level-elements of the root entity can be sorted on.
500	22602	An error has occurred while trying to retrieve the list of extensions.

Response Description

A list of extensions. Each extension contains the following fields:

- **id** - Number - The unique ID of this extension within the JSA deployment.
- **name** - String - The name of the extension.
- **description** - String - The description of the extension.
- **author** - String - The person who generated the extension.
- **authored_by_email** - String - The email address of the author.
- **version** - String - The version of the extension.
- **supported_languages** - Array of strings - The language tags supported by this extension.
- **exported_qradar_version** - String - The version of the JSA deployment this extension was exported from.
- **min_qradar_version** - String - The minimum JSA version required for the extension to function properly.
- **file_location** - String - The location of the extension file on disk.
- **size** - Number - The size in bytes of the extension file.
- **signed** - String - The state of the extension's signature.
- **beta** - Boolean - True if the extension is considered to be beta or experimental.
- **added_by** - String - The user or authorized service that added the extension to JSA.

- **installed_by** - String - The user or authorized service that installed the extension.
- **add_time** - Number - The date/time at which the extension was added to JSA, represented as number of milliseconds since Unix epoch.
- **install_time** - Number - The date/time at which the extension was installed, represented as number of milliseconds since Unix epoch.
- **full_uninstall** - Boolean - True if the extension and all of its contents can be fully uninstalled.
- **status** - String - The tag corresponding to the current status of the extension. Possible values are UPLOADED, UPLOADING, INSTALLED, INSTALLING, INSTALL_FAILED, UNINSTALLED, UNINSTALLING, UNINSTALL_FAILED, NOT_INSTALLED, PREVIEWING, NONE.
- **contents** - An array of objects representing an item contained within the extension. Each object has the following fields:
 - **content_type_id** - Number - The ID of the content type.
 - **content_type_name** - String - The name of the content type.
 - **identifier** - String - The descriptive name/identifier of the item.
- **fips_compliant** - Boolean - True if the extension is FIPS compliant.

Response Sample

```
[{"min_qradar_version": "String", "add_time": 42, "added_by": "String", "author": "String",
  "fips_compliant": true, "description": "String", "signed": "String <one of: NOT_SIGNED,
  SIGNED_NOT_VERIFIED, SIGNED_AND_VERIFIED, UNKNOWN>", "authored_by_email": "String",
  "file_location": "String", "install_time": 42, "exported_qradar_version": "String", "version":
  "String", "supported_languages": ["String"], "size": 42, "contents": [{"identifier": "String",
  "content_type_id": 42, "content_metadata": "String", "content_type_name": "String"}],
  "content_operation_error": "String", "full_uninstall": true, "name": "String", "installed_by":
  "String", "id": 42, "beta": true, "status": "String <one of: UPLOADED, UPLOADING, INSTALLED,
  INSTALLING, INSTALL_FAILED, UNINSTALLED, UNINSTALLING, UNINSTALL_FAILED, NOT_INSTALLED,
  PREVIEWING, NONE, INSTALLED_WITH_ERROR, UNINSTALL_PREVIEWING, UNINSTALL_PREVIEW_FAILED>"}]
```

POST /config/extension_management/extensions

SUMMARY

Uploads the supplied extension file to the JSA system.

Requires the System Administrator or Security Admin permissions. Uploads the supplied extension file to the JSA system.

Table 1030: POST /config/extension_management/extensions resource details

POST /config/extension_management/extensions resource details

MIME Type
application/json

Table 1031: POST /config/extension_management/extensions request parameter details

POST /config/extension_management/extensions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1032: POST /config/extension_management/extensions request body details

POST /config/extension_management/extensions request body details

Parameter	Data Type	MIME Type	Description	Sample
file	File	application/x-gzip	Required - The Extension file. Must be a properly-formed JSA extension/content export, either an XML file or an XML within a ZIP or TAR.GZ archive. Must be provided with MIME type application/xml, application/zip, application/x-gzip or multipart/form-data	File

Table 1033: POST /config/extension_management/extensions response codes

POST /config/extension_management/extensions response codes

HTTP Response Code	Unique Code	Description
201		The supplied extension file has been uploaded.
409	22613	The supplied extension file can not be uploaded because it shares the same hub_id and version as one of the extensions in the system.
412	22619	null
412	22620	null
422	22607	The supplied extension could not be validated successfully
422	22616	The supplied manifest for the extension is invalid.
500	22602	An error has occurred while trying to upload the extension file.

Response Description

An extension containing the following fields:

- **id** - Number - The unique ID of this extension within the JSA deployment.
- **name** - String - The name of the extension.
- **description** - String - The description of the extension.
- **author** - String - The person who generated the extension.
- **authored_by_email** - String - The email address of the author.
- **version** - String - The version of the extension.
- **supported_languages** - Array of strings - The language tags supported by this extension.
- **exported_qradar_version** - String - The version of the JSA deployment this extension was exported from.
- **min_qradar_version** - String - The minimum JSA version required for the extension to function properly.
- **file_location** - String - The location of the extension file on disk.
- **size** - Number - The size in bytes of the extension file.
- **signed** - String - The state of the extension's signature.
- **beta** - Boolean - True if the extension is considered to be beta or experimental.
- **added_by** - String - The user or authorized service that added the extension to JSA.
- **installed_by** - String - The user or authorized service that installed the extension.
- **add_time** - Number - The date/time at which the extension was added to JSA, represented as number of milliseconds since Unix epoch.
- **install_time** - Number - The date/time at which the extension was installed, represented as number of milliseconds since Unix epoch.
- **full_uninstall** - Boolean - True if the extension and all of its contents can be fully uninstalled.
- **status** - String - The tag corresponding to the current status of the extension. Possible values are UPLOADED, UPLOADING, INSTALLED, INSTALLING, INSTALL_FAILED, UNINSTALLED, UNINSTALLING, UNINSTALL_FAILED, NOT_INSTALLED, PREVIEWING, NONE.

- **contents** - An array of objects representing an item contained within the extension. Each object has the following fields:
 - **content_type_id** - Number - The ID of the content type.
 - **content_type_name** - String - The name of the content type.
 - **identifier** - String - The descriptive name/identifier of the item.
- **fips_compliant** - Boolean - True if the extension is FIPS compliant.

Response Sample

```
{
  "add_time": 42,
  "added_by": "String",
  "author": "String",
  "authored_by_email": "String",
  "beta": true,
  "content_operation_error": "String",
  "contents": [
    {
      "content_metadata": "String",
      "content_type_id": 42,
      "content_type_name": "String",
      "identifier": "String"
    }
  ],
  "description": "String",
  "exported_qradar_version": "String",
  "file_location": "String",
  "fips_compliant": true,
  "full_uninstall": true,
  "id": 42,
  "install_time": 42,
  "installed_by": "String",
  "min_qradar_version": "String",
  "name": "String",
  "signed": "String <one of: NOT_SIGNED, SIGNED_NOT_VERIFIED, SIGNED_AND_VERIFIED, UNKNOWN>",
  "size": 42,
  "status": "String <one of: UPLOADED, UPLOADING, INSTALLED, INSTALLING, INSTALL_FAILED,
```

```

UNINSTALLED, UNINSTALLING, UNINSTALL_FAILED, NOT_INSTALLED, PREVIEWING, NONE,
INSTALLED_WITH_ERROR, UNINSTALL_PREVIEWING, UNINSTALL_PREVIEW_FAILED>",
  "supported_languages": [
    "String"
  ],
  "version": "String"
}

```

DELETE /config/extension_management/extensions/{extension_id}

SUMMARY

Uninstall an extension based on the supplied extension_id. This is an asynchronous action.

Uninstall an extension based on the supplied extension_id. This is an asynchronous action.

Table 1034: DELETE /config/extension_management/extensions/{extension_id} resource details

DELETE /config/extension_management/extensions/{extension_id} resource details

MIME Type

application/json

Table 1035: DELETE /config/extension_management/extensions/{extension_id} request parameter details

DELETE /config/extension_management/extensions/{extension_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
extension_id	path	Required	Number (Integer)	text/plain	Required - The id of the extension to be uninstalled.

Table 1035: DELETE /config/extension_management/extensions/{extension_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1036: DELETE /config/extension_management/extensions/{extension_id} request body details

DELETE /config/extension_management/extensions/{extension_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
configData	Object	application/json	null	{ "action_type": "String", "cache_uuid": "String", "configs": [{ "config_type": "String <one of: OVERWRITE, SKIP, DEPENDENCIES, PRESERVE>", "content_type_id": 42, "content_type_name": "String", "id": 42, "key_fields": { "String": "String" } }] }

Table 1037: DELETE /config/extension_management/extensions/{extension_id} response codes

DELETE /config/extension_management/extensions/{extension_id} response codes

HTTP Response Code	Unique Code	Description
202		The requested uninstall task has been started.
404	22603	The requested extension cannot be found.

Table 1037: DELETE /config/extension_management/extensions/{extension_id} response codes
(Continued)

HTTP Response Code	Unique Code	Description
404	22604	The task status for status_id cannot be found.
409	22611	The supplied extension cannot be uninstalled because it is already in the process of being uninstalled.
409	22617	The extension can not be uninstalled because it is already in the process of being previewed/installed.
409	22618	null
409	22623	null
422	22606	A supplied numeric parameter was not positive.
500	22602	An error has occurred while trying to uninstall an extension.

Response Description

A JSON string depicting the accepted task for uninstalling an extension:

- **status_id** - Number - id of the task status.
- **message** - String - description of the accepted task.
- **status_location** - String - the url of the task status.

Response Sample

```
{
```

```

    "status_id": 25,
    "message": "Uninstalling an extension",
    "status_location": "https://10.10.10.10/console/restapi/api/config/extension_management/
extensions_task_status/25"
  }

```

GET /config/extension_management/extensions/{extension_id}

SUMMARY

Retrieves an extension based on the supplied extension_id.

Requires the System Administrator or Security Admin permissions. Retrieves an extension based on the supplied extension_id.

Table 1038: GET /config/extension_management/extensions/{extension_id} resource details

GET /config/extension_management/extensions/{extension_id} resource details

MIME Type

application/json

Table 1039: GET /config/extension_management/extensions/{extension_id} request parameter details

GET /config/extension_management/extensions/{extension_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
extension_id	path	Required	Number (Integer)	text/plain	Required - The id of the extension.

Table 1039: GET /config/extension_management/extensions/{extension_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1040: GET /config/extension_management/extensions/{extension_id} response codes

GET /config/extension_management/extensions/{extension_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested extension has been retrieved.
404	22603	The requested extension cannot be found.
422	22606	A supplied numeric parameter was not positive.
500	22602	An error has occurred while trying to retrieve the requested extension.

Response Description

An extension containing the following fields:

- **id** - Number - The unique ID of this extension within the JSA deployment.
- **name** - String - The name of the extension.
- **description** - String - The description of the extension.

- **author** - String - The person who generated the extension.
- **authored_by_email** - String - The email address of the author.
- **version** - String - The version of the extension.
- **supported_languages** - Array of strings - The language tags supported by this extension.
- **exported_qradar_version** - String - The version of the JSA deployment this extension was exported from.
- **min_qradar_version** - String - The minimum JSA version required for the extension to function properly.
- **file_location** - String - The location of the extension file on disk.
- **size** - Number - The size in bytes of the extension file.
- **signed** - String - The state of the extension's signature.
- **beta** - Boolean - True if the extension is considered to be beta or experimental.
- **added_by** - String - The user or authorized service that added the extension to JSA.
- **installed_by** - String - The user or authorized service that installed the extension.
- **add_time** - Number - The date/time at which the extension was added to JSA, represented as number of milliseconds since Unix epoch.
- **install_time** - Number - The date/time at which the extension was installed, represented as number of milliseconds since Unix epoch.
- **full_uninstall** - Boolean - True if the extension and all of its contents can be fully uninstalled.
- **status** - String - The tag corresponding to the current status of the extension. Possible values are UPLOADED, UPLOADING, INSTALLED, INSTALLING, INSTALL_FAILED, UNINSTALLED, UNINSTALLING, UNINSTALL_FAILED, NOT_INSTALLED, PREVIEWING, NONE.
- **contents** - An array of objects representing an item contained within the extension. Each object has the following fields:
 - **content_type_id** - Number - The ID of the content type.
 - **content_type_name** - String - The name of the content type.
 - **identifier** - String - The descriptive name/identifier of the item.
- **fips_compliant** - Boolean - True if the extension is FIPS compliant.

Response Sample

```
{
  "add_time": 42,
  "added_by": "String",
  "author": "String",
  "authored_by_email": "String",
  "beta": true,
  "content_operation_error": "String",
  "contents": [
    {
      "content_metadata": "String",
      "content_type_id": 42,
      "content_type_name": "String",
      "identifier": "String"
    }
  ],
  "description": "String",
  "exported_qradar_version": "String",
  "file_location": "String",
  "fips_compliant": true,
  "full_uninstall": true,
  "id": 42,
  "install_time": 42,
  "installed_by": "String",
  "min_qradar_version": "String",
  "name": "String",
  "signed": "String <one of: NOT_SIGNED, SIGNED_NOT_VERIFIED, SIGNED_AND_VERIFIED, UNKNOWN>",
  "size": 42,
  "status": "String <one of: UPLOADED, UPLOADING, INSTALLED, INSTALLING, INSTALL_FAILED, UNINSTALLED, UNINSTALLING, UNINSTALL_FAILED, NOT_INSTALLED, PREVIEWING, NONE, INSTALLED_WITH_ERROR, UNINSTALL_PREVIEWING, UNINSTALL_PREVIEW_FAILED>",
  "supported_languages": [
    "String"
  ],
  "version": "String"
}
```

POST /config/extension_management/extensions/{extension_id}

SUMMARY

Install an extension based on the supplied extension_id. This is an asynchronous action.

Installs the Extension corresponding to the supplied extension_id. Alternatively can be used to preview an Extension, showing what values would be applied if the Extension was installed.

Table 1041: POST /config/extension_management/extensions/{extension_id} resource details

POST /config/extension_management/extensions/{extension_id} resource details

MIME Type

application/json

Table 1042: POST /config/extension_management/extensions/{extension_id} request parameter details

POST /config/extension_management/extensions/{extension_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
extension_id	path	Required	Number (Integer)	text/plain	Required - The id of the extension.
action_type	query	Required	String	text/plain	Required - The desired action to take on the Extension (INSTALL or PREVIEW)

Table 1042: POST /config/extension_management/extensions/{extension_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
overwrite	query	Optional	Boolean	text/plain	Optional - If true, any existing items on the importing system will be overwritten if the extension contains the same items. If false, existing items will be preserved, and the corresponding items in the extension will be skipped.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1043: POST /config/extension_management/extensions/{extension_id} response codes

POST /config/extension_management/extensions/{extension_id} response codes

HTTP Response Code	Unique Code	Description
202		The requested install or preview task has been started.
404	22603	The requested extension cannot be found.
404	22604	The task status for status_id cannot be found.
409	22612	The supplied extension cannot be installed/previewed because it is already installed

Table 1043: POST /config/extension_management/extensions/{extension_id} response codes
(Continued)

HTTP Response Code	Unique Code	Description
409	22611	The supplied extension cannot be installed/previewed because it is already in the process of being installed/previewed.
409	22618	The requested task can not be initiated because another preview/install task is already in progress.
422	22605	The supplied action type is invalid
422	22606	A supplied numeric parameter was not positive.
500	22602	An error has occurred while trying to install or preview the requested extension.

Response Description

A JSON string depicting the accepted task for previewing/installing an extension:

- **status_id** - Number - id of the task status.
- **message** - String - description of the accepted task.
- **status_location** - String - the url of the task status.

Response Sample

```
{
  "status_id": 25,
  "message": "Installing an extension",
  "status_location": "https://10.10.10.10/console/restapi/api/config/extension_management/"
}
```

```
extensions_task_status/25"
}
```

POST /config/extension_management/extensions/{extension_id}/metadata

SUMMARY

Adds metadata to the Extension corresponding to the supplied extension_id.

Adds metadata to the Extension corresponding to the supplied extension_id.

Table 1044: POST /config/extension_management/extensions/{extension_id}/metadata resource details

POST /config/extension_management/extensions/{extension_id}/metadata resource details

MIME Type

application/json

Table 1045: POST /config/extension_management/extensions/{extension_id}/metadata request parameter details

POST /config/extension_management/extensions/{extension_id}/metadata request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
extension_id	path	Required	Number (Integer)	text/plain	Required - The id of the extension.

Table 1045: POST /config/extension_management/extensions/{extension_id}/metadata request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1046: POST /config/extension_management/extensions/{extension_id}/metadata request body details

POST /config/extension_management/extensions/{extension_id}/metadata request body details

Parameter	Data Type	MIME Type	Description	Sample
metadata	Object	application/json	Required - Metadata to be added to the extension.	{ "app_oauth_users": [{"app_name": "TestApp1", "user_id": 5}] }

Table 1047: POST /config/extension_management/extensions/{extension_id}/metadata response codes

POST /config/extension_management/extensions/{extension_id}/metadata response codes

HTTP Response Code	Unique Code	Description
404	22603	The requested extension cannot be found.
422	22606	A supplied numeric parameter was not positive.
422	22607	The supplied metadata was not correct
500	22602	An error occurred while trying to add the metadata.

Response Description

the metadata that was added.

Response Sample

```
{
  "app_oauth_users": [
    {"app_name": "TestApp1", "user_id": 5}
  ]
}
```

GET /config/extension_management/extensions_task_status/{status_id}

SUMMARY

Retrieves the tasks status based on the status_id.

Retrieves the tasks status based on the status_id.

Table 1048: GET /config/extension_management/extensions_task_status/{status_id} resource details

GET /config/extension_management/extensions_task_status/{status_id} resource details

MIME Type

application/json

Table 1049: GET /config/extension_management/extensions_task_status/{status_id} request parameter details

GET /config/extension_management/extensions_task_status/{status_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
status_id	path	Required	Number (Integer)	text/plain	Required - the id of the task status.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1050: GET /config/extension_management/extensions_task_status/{status_id} response codes

GET /config/extension_management/extensions_task_status/{status_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested task status has been retrieved.
404	22604	The task status for status_id cannot be found.
422	22606	A supplied numeric parameter was not positive.
500	22602	An error has occurred while trying to retrieve the task status.

Response Description

A task status containing the following fields:

- **id** - Number - The ID of the task status.
- **name** - String - The name of the task status.
- **status** - String - A string that represents the current state of the task status.

- **message** - String - A message regarding the current state of the task.
- **progress** - Number - The current progress of the task
- **minimum** - Number - The minimum progress of the task.
- **maximum** - Number - The maximum progress of the task.
- **created_by** - String - The username of the user who created the task.
- **cancelled_by** - String - The username of the user who cancelled the task.
- **created** - Number - The date/time at which this task was created, represented as number of milliseconds since Unix epoch.
- **started** - Number - The date/time at which this task was started, represented as number of milliseconds since Unix epoch.
- **modified** - Number - The date/time at which this task was last modified, represented as number of milliseconds since Unix epoch.
- **completed** - Number - The date/time at which this task was completed, represented as number of milliseconds since Unix epoch.
- **result_url** - String - The url where the result can be viewed.
- **cancel_requested** - Boolean - True if cancel has been requested.
- **child_tasks** - Array - Array of child task id's that are executed asynchronously from this task.
- **task_components** - Array - Array of task components that are executed sequentially.

Response Sample

```
{
  "progress": 0,
  "result_url": "",
  "cancelled_by": "",
  "status": "COMPLETED",
  "task_components": null,
  "modified": 1440891517961,
  "id": 102,
  "message": "Completed Extension uninstallation task for extension id 56",
```

```
"created_by": "admin",
"created": 1440891514006,
"maximum": 0,
"cancel_requested": false,
"name": "Extension uninstallation task",
"child_tasks": null,
"started": 1440891514041,
"completed": 1440891515224
}
```

GET /config/extension_management/extensions_task_status/{status_id}/results

SUMMARY

Retrieves the tasks status results based on the status_id.

Retrieves the tasks status results based on the status_id.

Table 1051: GET /config/extension_management/extensions_task_status/{status_id}/results resource details

GET /config/extension_management/extensions_task_status/{status_id}/results resource details

MIME Type

application/json

Table 1052: GET /config/extension_management/extensions_task_status/{status_id}/results request parameter details

GET /config/extension_management/extensions_task_status/{status_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
status_id	path	Required	Number (Integer)	text/plain	Required - The id of the task status.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1053: GET /config/extension_management/extensions_task_status/{status_id}/results response codes

GET /config/extension_management/extensions_task_status/{status_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The requested results of the task status have been retrieved.
404	22604	The task status for status_id cannot be found.
404	22614	The task results are not available.
422	22606	A supplied numeric parameter was not positive.
500	22602	An error has occurred while trying to retrieve the results of a task status.

Response Description

A JSON object representing the result of an Extension preview, install or uninstall task. It contains the following fields:

- **id** - Number - The ID of the extension.
- **task_type** - String - The type of task that was issued against the Extension.
- **content** - Array - An array of JSON objects representing the contents of the extension and what action is associated with each content item for the task that was executed. Each content item contains the following fields:
 - **name** - String - The name of the content item.
 - **content_type_id** - Number - The ID of the type of the content item.
 - **content_type_name** - String - The name of the type of the content item.
 - **action** - String - The action taken for the content item.

Response Sample

```
{
  "id": 56,
  "task_type": "UNINSTALL",
  "content": [
    {
      "content_type_id": 3,
      "name": "SYSTEM-1607",
      "action": "SKIP",
      "content_type_name": "custom_rule"
    },
    {
      "content_type_id": 28,
      "name": "Asset Reconciliation IPv4 Whitelist",
      "action": "SKIP",
      "content_type_name": "reference_data"
    }
  ]
}
```

GET /config/flow/applications/active_applications

SUMMARY

Gets the list of active flow applications.

Gets the list of active flow applications that are currently deployed in the system. Active applications are flow applications that are currently in-use by the system. Changes or modifications to a flow application should always be made to the active applications list. Do not update the default applications. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 1054: GET /config/flow/applications/active_applications resource details

GET /config/flow/applications/active_applications resource details

MIME Type

application/json

Table 1055: GET /config/flow/applications/active_applications request parameter details

GET /config/flow/applications/active_applications request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1055: GET /config/flow/applications/active_applications request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1056: GET /config/flow/applications/active_applications response codes

GET /config/flow/applications/active_applications response codes

HTTP Response Code	Unique Code	Description
200		An array of active flow applications. The level_one field is used as the default sort input in ascending order.
422	1005	A field request parameter is not valid.
422	1010	The filter criteria supplied is not valid.
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retrieving the flow applications.

Response Description

An array of active flow applications. The level_one field is used as the default sort input in ascending order. An active flow application object contains the following fields:

- **id** - Long - The unique ID for the application.
- **name** - String - The system-generated name of the application as it would appear on the Network Activity tab. The Network Activity tab displays only the first three subcategories of the application name
- **level_one** - String - The first category of the application name.
- **level_two** - String - The second category of the application name.
- **level_three** - String - The third category of the application name.
- **level_four** - String - The fourth category of the application name.
- **level_five** - String - The fifth category of the application name.
- **last_update_time** - String - The epoch timestamp, represented in milliseconds, since the application was last modified.

Response Sample

```
[
  {
    "id": 42,
    "last_update_time": 42,
    "level_five": "String",
    "level_four": "String",
    "level_one": "String",
    "level_three": "String",
    "level_two": "String",
    "name": "String"
  }
]
```

GET /config/flow/applications/active_applications/{id}

SUMMARY

Gets an individual active flow application that is currently deployed in the system, as specified by the application ID. Active applications are flow applications that are currently in-use by the system. Changes or modifications to a flow application should always be made to the active applications list. Do not update the default applications. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 1057: GET /config/flow/applications/active_applications/{id} resource details

GET /config/flow/applications/active_applications/{id} resource details

MIME Type

application/json

Table 1058: GET /config/flow/applications/active_applications/{id} request parameter details

GET /config/flow/applications/active_applications/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID number of the active flow application to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1059: GET /config/flow/applications/active_applications/{id} response codes

GET /config/flow/applications/active_applications/{id} response codes

HTTP Response Code	Unique Code	Description
200		The active flow application for the specified ID.
404	2001	An active flow application does not exist for the specified ID.
422	1005	A field request parameter is not valid.
422	1010	The filter criteria supplied is not valid.
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retrieving the flow applications.

Response Description

The active flow application for the specified ID. An active flow application object contains the following fields:

- **id** - Long - The unique ID for the application.
- **name** - String - The system-generated name of the application as it would appear on the Network Activity tab. The Network Activity tab displays only the first three subcategories of the application name
- **level_one** - String - The first category of the application name.
- **level_two** - String - The second category of the application name.
- **level_three** - String - The third category of the application name.
- **level_four** - String - The fourth category of the application name.
- **level_five** - String - The fifth category of the application name.

- **last_update_time** - String - The epoch timestamp, represented in milliseconds, since the application was last modified.

Response Sample

```
{
  "id": 42,
  "last_update_time": 42,
  "level_five": "String",
  "level_four": "String",
  "level_one": "String",
  "level_three": "String",
  "level_two": "String",
  "name": "String"
}
```

GET /config/flow/applications/default_applications

SUMMARY

Gets the list of default flow applications.

Gets the list of default flow applications. Default applications are read only. They are provided as a system backup in case the configuration of an active flow application is deleted or changed. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 1060: GET /config/flow/applications/default_applications resource details

GET /config/flow/applications/default_applications resource details

MIME Type

application/json

Table 1061: GET /config/flow/applications/default_applications request parameter details

GET /config/flow/applications/default_applications request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1062: GET /config/flow/applications/default_applications response codes

GET /config/flow/applications/default_applications response codes

HTTP Response Code	Unique Code	Description
200		An array of default flow applications. The level_one field is used as the default sort input in ascending order.
422	1005	A field request parameter is not valid.
422	1010	The filter criteria is not valid.
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retrieving the flow applications.

Response Description

An array of default flow applications. The level_one field is used as the default sort input in ascending order. A default flow application object contains the following fields:

- **id** - Long - The unique ID for the application.
- **name** - String - The system-generated name of the application as it would appear on the Network Activity tab. The Network Activity tab displays only the first three subcategories of the application name
- **level_one** - String - The first category of the application name.
- **level_two** - String - The second category of the application name.
- **level_three** - String - The third category of the application name.
- **level_four** - String - The fourth category of the application name.
- **level_five** - String - The fifth category of the application name.
- **last_update_time** - String - The epoch timestamp, represented in milliseconds, since the application was last modified.

Response Sample

```
[
  {
    "id": 42,
    "last_update_time": 42,
    "level_five": "String",
    "level_four": "String",
    "level_one": "String",
    "level_three": "String",
    "level_two": "String",
    "name": "String"
  }
]
```

GET /config/flow/applications/default_applications/{id}

SUMMARY

Gets an individual default flow application, as specified by an ID.

Gets an individual default flow application, as specified by the application ID. Default flow applications are read only. They are provided as a system backup in case the configuration of an active flow application is deleted or changed. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 1063: GET /config/flow/applications/default_applications/{id} resource details

GET /config/flow/applications/default_applications/{id} resource details

MIME Type

application/json

Table 1064: GET /config/flow/applications/default_applications/{id} request parameter details

GET /config/flow/applications/default_applications/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID number of the default flow application to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1065: GET /config/flow/applications/default_applications/{id} response codes

GET /config/flow/applications/default_applications/{id} response codes

HTTP Response Code	Unique Code	Description
404	1001	A default flow application does not exist for the specified ID.
422	1005	A field request parameter is not valid.
422	1010	The filter criteria supplied is not valid.
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retrieving the flow applications.

Response Description

The default flow application for the specified ID. A default flow application object contains the following fields:

- **id** - Long - The unique ID for the application.
- **name** - String - The system-generated name of the application as it would appear on the Network Activity tab. The Network Activity tab displays only the first three subcategories of the application name
- **level_one** - String - The first category of the application name.
- **level_two** - String - The second category of the application name.
- **level_three** - String - The third category of the application name.
- **level_four** - String - The fourth category of the application name.
- **level_five** - String - The fifth category of the application name.
- **last_update_time** - String - The epoch timestamp, represented in milliseconds, since the application was last modified.

Response Sample

```
{
  "id": 42,
  "last_update_time": 42,
  "level_five": "String",
  "level_four": "String",
  "level_one": "String",
  "level_three": "String",
  "level_two": "String",
  "name": "String"
}
```

GET /config/flow/common_destination_ports/active_configurations

SUMMARY

Gets the list of active configurations for common destination ports.

Gets the list of active configurations for common destination ports. You must have System Administrator or Security Admin permissions to use this endpoint.

Table 1066: GET /config/flow/common_destination_ports/active_configurations resource details

GET /config/flow/common_destination_ports/active_configurations resource details

MIME Type

application/json

Table 1067: GET /config/flow/common_destination_ports/active_configurations request parameter details

GET /config/flow/common_destination_ports/active_configurations request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1067: GET /config/flow/common_destination_ports/active_configurations request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1068: GET /config/flow/common_destination_ports/active_configurations response codes

GET /config/flow/common_destination_ports/active_configurations response codes

HTTP Response Code	Unique Code	Description
200		An array of active Common Destination Port Configurations. The port is used as the default sort input in ascending order.
422	1005	A field request parameter is not valid.
422	1010	Invalid filter criteria supplied.
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retriving active Common Destination Port Configurations.

Response Description

An array of active Common Destination Port Configurations. The port is used as the default sort input in ascending order. An active Common Destination Port Configuration object contains the following fields:

- **id** - Long - The unique ID of the configuration.
- **port** - Integer - The unique port number that you want to configure.
- **application_id** - Long - The application ID for this port configuration. The application ID for this port configuration that is used by the JSA port-based mapping algorithm.
- **application_name** - String - The name of the application as it would appear on the Network Activity tab.
- **content_capture_size** - Integer - The maximum amount of payload to capture and store for an application on this port. Set this value to 1 if you want the application to inherit the content capture size from the SV_CONTENT_CAPTURE_LENGTH field in the nva.conf file.
- **app_detection_enabled** - Boolean - TRUE if the port configuration will be used to determine the application. If true, you must set the application_id.
- **flow_direction_enabled** - Boolean - TRUE if the port configuration will be used to determine the flow direction.
- **uuid** - String - The unique global ID of the configuration, specified as a UUID.
- **last_update_time** - Long - The epoch timestamp, represented in milliseconds, since this configuration was last modified.

Response Sample

```
[
  {
    "app_detection_enabled": true,
    "application_id": 42,
    "application_name": "String",
    "content_capture_size": 42,
    "flow_direction_enabled": true,
    "id": 42,
    "last_update_time": 42,
    "port": 42,
```

```
    "uuid": "String"  
  }  
]
```

POST /config/flow/common_destination_ports/active_configurations

SUMMARY

Creates a new active configuration.

Creates a new active configuration. You must have System Administrator or Security Admin permissions to use this endpoint.

Table 1069: POST /config/flow/common_destination_ports/active_configurations resource details

POST /config/flow/common_destination_ports/active_configurations resource details

MIME Type

application/json

Table 1070: POST /config/flow/common_destination_ports/active_configurations request body details

POST /config/flow/common_destination_ports/active_configurations request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/ json	<p>Only port, application_id, content_capture_size, app_detection_enabled and flow_direciton_enabled fields can be set when creating an active Common Destination Port configuration. All other fields are ignored.</p> <ul style="list-style-type: none"> • port - Integer - The unique port number that you want to configure. • application_id - Long - (Optional) The application ID for this port configuration. The application ID for this port configuration that is used by the JSA port-based mapping algorithm. • content_capture_size - Integer - The maximum amount of payload to capture and store for an application on this port. Set this value to 1 if you want the application to inherit the content capture size from the SV_CONTENT_CAPTURE_LENGTH field in the nva.conf file. • app_detection_enabled - Boolean - TRUE if the port configuration will be used to determine the application. If true, you must set the application_id. 	<pre>{ "app_detection_enabled": true, "application_id": 42, "content_capture_size": 42, "flow_direction_enabled": true, "port": 42 }</pre>

Table 1070: POST /config/flow/common_destination_ports/active_configurations request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> flow_direction_enabled - Boolean - TRUE if the port configuration will be used to determine the flow direction. 	

Table 1071: POST /config/flow/common_destination_ports/active_configurations response codes

POST /config/flow/common_destination_ports/active_configurations response codes

HTTP Response Code	Unique Code	Description
201		The active Common Destination Port configuration was created.
409	3000	A configuration already exists for this port number.
422	3001	The port field is required, but was not provided.
422	3002	The port must be between 1 and 65535 (inclusive).
422	3003	The application_id field is required, but was not provided.
422	3004	The application ID is not valid.
422	3005	The content_capture_size field is required, but was not provided.
422	3006	The content capture size must be between 0 and 65535 (inclusive).
422	3007	The app_detection_enabled field is required, but was not provided.
422	3008	The flow_direction_enabled field is required, but was not provided.

Table 1071: POST /config/flow/common_destination_ports/active_configurations response codes
(Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred while creating new active Common Destination Port configuration.

Response Description

201 response with the new active Common Destination Port configuration structure. Location header set to the URL of the new active Common Destination Port.

- **id** - Long - The unique ID of the configuration.
- **port** - Integer - The unique port number that you want to configure.
- **application_id** - Long - The application ID for this port configuration. The application ID for this port configuration that is used by the JSA port-based mapping algorithm.
- **application_name** - String - The name of the application as it would appear on the Network Activity tab.
- **content_capture_size** - Integer - The maximum amount of payload to capture and store for an application on this port. Set this value to 1 if you want the application to inherit the content capture size from the SV_CONTENT_CAPTURE_LENGTH field in the nva.conf file.
- **app_detection_enabled** - Boolean - TRUE if the port configuration will be used to determine the application. If true, you must set the application_id.
- **flow_direction_enabled** - Boolean - TRUE if the port configuration will be used to determine the flow direction.
- **uuid** - String - The unique global ID of the configuration, specified as a UUID.
- **last_update_time** - Long - The epoch timestamp, represented in milliseconds, since this configuration was last modified.

Response Sample

```
{
  "app_detection_enabled": true,
  "application_id": 42,
  "application_name": "String",
  "content_capture_size": 42,
  "flow_direction_enabled": true,
  "id": 42,
  "last_update_time": 42,
  "port": 42,
  "uuid": "String"
}
```

DELETE /config/flow/common_destination_ports/active_configurations/{id}

SUMMARY

Removes the active configuration for the specified ID from the system.

Removes the active configuration for the specified ID from the system. You must have System Administrator or Security Admin permissions to use this endpoint.

Table 1072: DELETE /config/flow/common_destination_ports/active_configurations/{id} resource details

DELETE /config/flow/common_destination_ports/active_configurations/{id} resource details

MIME Type

text/plain

Table 1073: DELETE /config/flow/common_destination_ports/active_configurations/{id} request parameter details

DELETE /config/flow/common_destination_ports/active_configurations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the active configuration to delete.

Table 1074: DELETE /config/flow/common_destination_ports/active_configurations/{id} response codes

DELETE /config/flow/common_destination_ports/active_configurations/{id} response codes

HTTP Response Code	Unique Code	Description
204		Successful delete.
404	5000	A active configuration for the specified port number does not exist.
500	1020	An error occurred while deleting active Common Destination Port Configuration.

Response Description

Response Sample

GET /config/flow/common_destination_ports/active_configurations/{id}

SUMMARY

Gets the active configuration for a common destination port, as specified by an ID.

Gets the active configuration for a common destination port, as specified by an ID. You must have System Administrator or Security Admin permissions to use this endpoint.

Table 1075: GET /config/flow/common_destination_ports/active_configurations/{id} resource details

GET /config/flow/common_destination_ports/active_configurations/{id} resource details

MIME Type

application/json

Table 1076: GET /config/flow/common_destination_ports/active_configurations/{id} request parameter details

GET /config/flow/common_destination_ports/active_configurations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the active configuration to get.

Table 1077: GET /config/flow/common_destination_ports/active_configurations/{id} response codes

GET /config/flow/common_destination_ports/active_configurations/{id} response codes

HTTP Response Code	Unique Code	Description
200		The active Common Destination Port Configuration for the specified port number.

Table 1077: GET /config/flow/common_destination_ports/active_configurations/{id} response codes
(Continued)

HTTP Response Code	Unique Code	Description
404	2001	A active configuration for the specified ID does not exist.
422	1005	A field request parameter is not valid.
422	1010	Invalid filter criteria supplied.
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retrieving active Common Destination Port Configuration.

Response Description

The active Common Destination Port Configuration for the specified ID. An active Common Destination Port Configuration object contains the following fields:

- **id** - Long - The unique ID of the configuration.
- **port** - Integer - The unique port number that you want to configure.
- **application_id** - Long - The application ID for this port configuration. The application ID for this port configuration that is used by the JSA port-based mapping algorithm.
- **application_name** - String - The name of the application as it would appear on the Network Activity tab.
- **content_capture_size** - Integer - The maximum amount of payload to capture and store for an application on this port. Set this value to 1 if you want the application to inherit the content capture size from the SV_CONTENT_CAPTURE_LENGTH field in the nva.conf file.
- **app_detection_enabled** - Boolean - TRUE if the port configuration will be used to determine the application. If true, you must set the application_id.
- **flow_direction_enabled** - Boolean - TRUE if the port configuration will be used to determine the flow direction.

- **uuid** - String - The unique global ID of the configuration, specified as a UUID.
- **last_update_time** - Long - The epoch timestamp, represented in milliseconds, since this configuration was last modified.

Response Sample

```
{
  "app_detection_enabled": true,
  "application_id": 42,
  "application_name": "String",
  "content_capture_size": 42,
  "flow_direction_enabled": true,
  "id": 42,
  "last_update_time": 42,
  "port": 42,
  "uuid": "String"
}
```

POST /config/flow/common_destination_ports/active_configurations/{id}

SUMMARY

Updates the active configuration for a common destination port, as specified by the ID.

Updates the active configuration for a common destination port, as specified by the ID. You must have System Administrator or Security Admin permissions to use this endpoint.

Table 1078: POST /config/flow/common_destination_ports/active_configurations/{id} resource details

POST /config/flow/common_destination_ports/active_configurations/{id} resource details

MIME Type

application/json

Table 1079: POST /config/flow/common_destination_ports/active_configurations/{id} request parameter details

POST /config/flow/common_destination_ports/active_configurations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the active configuration to update.

Table 1080: POST /config/flow/common_destination_ports/active_configurations/{id} request body details

POST /config/flow/common_destination_ports/active_configurations/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>Only port, application_id, content_capture_size, app_detection_enabled and flow_direction_enabled fields can be set when creating an active Common Destination Port configuration. All other fields are ignored.</p> <ul style="list-style-type: none"> • port - Integer - The unique port number to configure. • application_id - Long - The application ID for this port configuration. The application ID for this port configuration that is used by the JSA port-based mapping algorithm. • content_capture_size - Integer - The maximum amount of payload to capture and store for an application on this port. Set this value to 1 if you want the application to inherit the content capture size from the SV_CONTENT_CAPTURE_LENGTH field in the nva.conf file. • app_detection_enabled - Boolean - TRUE if the port configuration will be used to determine the application. If true, you must set the application_id. • flow_direction_enabled - Boolean - TRUE if the port 	<pre>{ "app_detection_enabled": true, "application_id": 42, "content_capture_size": 42, "flow_direction_enabled": true, "port": 42 }</pre>

Table 1080: POST /config/flow/common_destination_ports/active_configurations/{id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			configuration will be used to determine the flow direction.	

Table 1081: POST /config/flow/common_destination_ports/active_configurations/{id} response codes

POST /config/flow/common_destination_ports/active_configurations/{id} response codes

HTTP Response Code	Unique Code	Description
200		The active common destination port configuration was updated.
404	2001	A active configuration for the specified port number does not exist.
409	4002	null
422	4001	null
422	4003	The application ID is not valid.
422	4004	The content capture size must be between 0 and 65535 (inclusive).
500	1020	An error occurred while update the active Common Destination Port configuration.

Response Description

The updated active Common Destination Port Configuration for the specified ID. An active Common Destination Port Configuration object contains the following fields:

- **id** - Long - The unique ID of the configuration.

- **port** - Integer - The unique port number that you want to configure.
- **application_id** - Long - The application ID for this port configuration. The application ID for this port configuration that is used by the JSA port-based mapping algorithm.
- **application_name** - String - The name of the application as it would appear on the Network Activity tab.
- **content_capture_size** - Integer - The maximum amount of payload to capture and store for an application on this port. Set this value to 1 if you want the application to inherit the content capture size from the SV_CONTENT_CAPTURE_LENGTH field in the nva.conf file.
- **app_detection_enabled** - Boolean - TRUE if the port configuration will be used to determine the application. If true, you must set the application_id.
- **flow_direction_enabled** - Boolean - TRUE if the port configuration will be used to determine the flow direction.
- **uuid** - String - The unique global ID of the configuration, specified as a UUID.
- **last_update_time** - Long - The epoch timestamp, represented in milliseconds, since this configuration was last modified.

Response Sample

```
{
  "app_detection_enabled": true,
  "application_id": 42,
  "application_name": "String",
  "content_capture_size": 42,
  "flow_direction_enabled": true,
  "id": 42,
  "last_update_time": 42,
  "port": 42,
  "uuid": "String"
}
```

GET /config/flow/common_destination_ports/default_configurations

SUMMARY

Gets the list of default configurations for common destination ports.

Gets the list of default configurations for common destination ports. You must have System Administrator or Security Admin permissions to use this endpoint.

Table 1082: GET /config/flow/common_destination_ports/default_configurations resource details

GET /config/flow/common_destination_ports/default_configurations resource details

MIME Type

application/json

Table 1083: GET /config/flow/common_destination_ports/default_configurations request parameter details

GET /config/flow/common_destination_ports/default_configurations request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1083: GET /config/flow/common_destination_ports/default_configurations request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1084: GET /config/flow/common_destination_ports/default_configurations response codes

GET /config/flow/common_destination_ports/default_configurations response codes

HTTP Response Code	Unique Code	Description
200		An array of default Common Destination Port Configurations. The port is used as the default sort input in ascending order.
422	1005	A field request parameter is not valid.
422	1010	Invalid filter criteria supplied.
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retriving default Common Destination Port Configurations.

Response Description

An array of default Common Destination Port Configurations. The port is used as the default sort input in ascending order. A default Common Destination Port Configuration object contains the following fields:

- **id** - Long - The unique ID of the configuration.
- **port** - Integer - The unique port number that you want to configure.
- **application_id** - Long - The application ID for this port configuration. The application ID for this port configuration that is used by the JSA port-based mapping algorithm.
- **application_name** - String - The name of the application as it would appear on the Network Activity tab.
- **content_capture_size** - Integer - The maximum amount of payload to capture and store for an application on this port. Set this value to 1 if you want the application to inherit the content capture size from the SV_CONTENT_CAPTURE_LENGTH field in the nva.conf file.
- **app_detection_enabled** - Boolean - TRUE if the port configuration will be used to determine the application. If true, you must set the application_id.
- **flow_direction_enabled** - Boolean - TRUE if the port configuration will be used to determine the flow direction.
- **uuid** - String - The unique global ID of the configuration, specified as a UUID.
- **last_update_time** - Long - The epoch timestamp, represented in milliseconds, since this configuration was last modified.

Response Sample

```
[
  {
    "app_detection_enabled": true,
    "application_id": 42,
    "application_name": "String",
    "content_capture_size": 42,
    "flow_direction_enabled": true,
    "id": 42,
    "last_update_time": 42,
```

```

    "port": 42,
    "uuid": "String"
  }
]

```

GET /config/flow/common_destination_ports/default_configurations/{id}

SUMMARY

Gets the default configuration for a common destination port, as specified by an ID.

Gets the default configuration for a common destination port, as specified by an ID. You must have System Administrator or Security Admin permissions to use this endpoint.

Table 1085: GET /config/flow/common_destination_ports/default_configurations/{id} resource details

GET /config/flow/common_destination_ports/default_configurations/{id} resource details

MIME Type

application/json

Table 1086: GET /config/flow/common_destination_ports/default_configurations/{id} request parameter details

GET /config/flow/common_destination_ports/default_configurations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID number of the default configuration to get.

Table 1087: GET /config/flow/common_destination_ports/default_configurations/{id} response codes

GET /config/flow/common_destination_ports/default_configurations/{id} response codes

HTTP Response Code	Unique Code	Description
200		The default Common Destination Port Configuration for the specified ID.
404	1001	A default configuration for the specified ID does not exist.
422	1005	A field request parameter is not valid.
422	1010	Invalid filter criteria supplied.
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retrieving default Common Destination Port Configurations.

Response Description

The default Common Destination Port Configuration for the specified ID. A default Common Destination Port Configuration object contains the following fields:

- **id** - Long - The unique ID of the configuration.
- **port** - Integer - The unique port number that you want to configure.
- **application_id** - Long - The application ID for this port configuration. The application ID for this port configuration that is used by the JSA port-based mapping algorithm.
- **application_name** - String - The name of the application as it would appear on the Network Activity tab.
- **content_capture_size** - Integer - The maximum amount of payload to capture and store for an application on this port. Set this value to 1 if you want the application to inherit the content capture size from the SV_CONTENT_CAPTURE_LENGTH field in the nva.conf file.
- **app_detection_enabled** - Boolean - TRUE if the port configuration will be used to determine the application. If true, you must set the application_id.

- **flow_direction_enabled** - Boolean - TRUE if the port configuration will be used to determine the flow direction.
- **uuid** - String - The unique global ID of the configuration, specified as a UUID.
- **last_update_time** - Long - The epoch timestamp, represented in milliseconds, since this configuration was last modified.

Response Sample

```
{
  "app_detection_enabled": true,
  "application_id": 42,
  "application_name": "String",
  "content_capture_size": 42,
  "flow_direction_enabled": true,
  "id": 42,
  "last_update_time": 42,
  "port": 42,
  "uuid": "String"
}
```

GET /config/flow_retention_buckets

SUMMARY

Retrieves a list of flow retention buckets.

Retrieves a list of flow retention buckets.

Table 1088: GET /config/flow_retention_buckets resource details

GET /config/flow_retention_buckets resource details

MIME Type

application/json

Table 1089: GET /config/flow_retention_buckets request parameter details

GET /config/flow_retention_buckets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1090: GET /config/flow_retention_buckets response codes

GET /config/flow_retention_buckets response codes

HTTP Response Code	Unique Code	Description
200		The flow retention buckets were retrieved.

Table 1090: GET /config/flow_retention_buckets response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1010	A request parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the flow retention buckets.

Response Description

An array of Retention Bucket objects. An Retention Bucket object contains the following fields:

- **id** - Integer - The ID of the retention bucket.
- **bucket_id** - Integer - The Bucket ID of the retention bucket. (0 - 10)
- **priority** - Integer - The priority of the retention bucket. (0 - 10).
- **name** - String - The name of the retention bucket.
- **database** - String - The database of the retention bucket, EVENTS or FLOWS.
- **description** - String - The description of the retention bucket.
- **period** - Integer - The retention period in hours.
- **delete** - String - The delete protocol of the retention bucket, IMMEDIATELY or ON_DEMAND.
- **created** - Long - The time in milliseconds since epoch since the retention bucket was created.
- **modified** - Long - The time in milliseconds since epoch since the retention bucket was last modified.
- **saved_search_id** - String - The ID of the saved search used by the retention bucket.
- **enabled** - Boolean - True if the retention bucket is enabled.

Response Sample

```
[
  {
    "bucket_id": 42,
    "created": 42,
    "database": "String",
    "deletion": "String <one of: ON_DEMAND, IMMEDIATELY>",
    "description": "String",
    "enabled": true,
    "id": 42,
    "modified": 42,
    "name": "String",
    "period": 42,
    "priority": 42,
    "saved_search_id": "String"
  }
]
```

DELETE /config/flow_retention_buckets/{id}

SUMMARY

Deletes a flow retention bucket.

Deletes a flow retention bucket.

Table 1091: DELETE /config/flow_retention_buckets/{id} resource details

DELETE /config/flow_retention_buckets/{id} resource details

MIME Type

text/plain

Table 1092: DELETE /config/flow_retention_buckets/{id} request parameter details

DELETE /config/flow_retention_buckets/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 1093: DELETE /config/flow_retention_buckets/{id} response codes

DELETE /config/flow_retention_buckets/{id} response codes

HTTP Response Code	Unique Code	Description
204		The flow retention bucket was deleted.
403	1009	You do not have the proper capabilities to delete the flow retention bucket.
404	1002	The flow retention bucket does not exist.
500	1020	An error occurred during the attempt to delete the flow retention bucket.

Response Description

Response Sample

GET /config/flow_retention_buckets/{id}

SUMMARY

Retrieves a flow retention bucket.

Retrieves a flow retention bucket.

Table 1094: GET /config/flow_retention_buckets/{id} resource details

GET /config/flow_retention_buckets/{id} resource details

MIME Type

application/json

Table 1095: GET /config/flow_retention_buckets/{id} request parameter details

GET /config/flow_retention_buckets/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 1095: GET /config/flow_retention_buckets/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1096: GET /config/flow_retention_buckets/{id} response codes

GET /config/flow_retention_buckets/{id} response codes

HTTP Response Code	Unique Code	Description
200		The flow retention bucket was retrieved.
404	1002	The flow retention bucket does not exist.
500	1020	An error occurred during the attempt to retrieve the flow retention bucket.

Response Description

The retention bucket after it is retrieved. An Retention Bucket object contains the following fields:

- **id** - Integer - The ID of the retention bucket.
- **bucket_id** - Integer - The Bucket ID of the retention bucket. (0 - 10)
- **priority** - Integer - The priority of the retention bucket. (0 - 10).
- **name** - String - The name of the retention bucket.
- **database** - String - The database of the retention bucket, EVENTS or FLOWS.

- **description** - String - The description of the retention bucket.
- **period** - Integer - The retention period in hours.
- **delete** - String - The delete protocol of the retention bucket, IMMEDIATELY or ON_DEMAND.
- **created** - Long - The time in milliseconds since epoch since the retention bucket was created.
- **modified** - Long - The time in milliseconds since epoch since the retention bucket was last modified.
- **saved_search_id** - String - The ID of the saved search that is used by the retention bucket.
- **enabled** - Boolean - True if the retention bucket is enabled.

Response Sample

```
{
  "bucket_id": 42,
  "created": 42,
  "database": "String",
  "deletion": "String <one of: ON_DEMAND, IMMEDIATELY>",
  "description": "String",
  "enabled": true,
  "id": 42,
  "modified": 42,
  "name": "String",
  "period": 42,
  "priority": 42,
  "saved_search_id": "String"
}
```

POST /config/flow_retention_buckets/{id}

SUMMARY

Updates the flow retention bucket owner, or enabled/disabled only.

Updates the flow retention bucket owner, or enabled/disabled only.

Table 1097: POST /config/flow_retention_buckets/{id} resource details

POST /config/flow_retention_buckets/{id} resource details

MIME Type
application/json

Table 1098: POST /config/flow_retention_buckets/{id} request parameter details

POST /config/flow_retention_buckets/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1099: POST /config/flow_retention_buckets/{id} request body details

POST /config/flow_retention_buckets/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
retention_bucket	Object	application/json	null	{ "bucket_id": 42, "database": "String", "description": "String", "enabled": true, "id": 42, "name": "String", "period": 42, "priority": 42, "saved_search_id": "String" }

Table 1100: POST /config/flow_retention_buckets/{id} response codes

POST /config/flow_retention_buckets/{id} response codes

HTTP Response Code	Unique Code	Description
200		The flow retention bucket was updated.
404	1002	The Flow Retention Bucket does not exist.
409	1004	The provided user does not have the required capabilities to own the flow retention bucket.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the flow retention bucket.

Response Description

The Retention Bucket after it is updated. A Retention Bucket object contains the following fields:

- **id** - Integer - The ID of the retention bucket.
- **bucket_id** - Integer - The Bucket ID of the retention bucket. (0 - 10).
- **priority** - Integer - The priority of the retention bucket (0 - 10).
- **name** - String - The name of the retention bucket.
- **database** - String - The database of the retention bucket, EVENTS or FLOWS.
- **description** - String - The description of the retention bucket.
- **period** - Integer - The retention period in hours.
- **delete** - String - The delete protocol of the retention bucket, IMMEDIATELY or ON_DEMAND.
- **created** - Long - The time in milliseconds since epoch since the retention bucket was created.
- **modified** - Long - The time in milliseconds since epoch since the retention bucket was last modified.

- **saved_search_id** - String - The ID of the saved search used by the retention bucket.
- **enabled** - Boolean - True if the retention bucket is enabled.

Response Sample

```
{
  "bucket_id": 42,
  "created": 42,
  "database": "String",
  "deletion": "String <one of: ON_DEMAND, IMMEDIATELY>",
  "description": "String",
  "enabled": true,
  "id": 42,
  "modified": 42,
  "name": "String",
  "period": 42,
  "priority": 42,
  "saved_search_id": "String"
}
```

GET /config/flow_sources/custom_properties/calculated_properties

SUMMARY

Retrieves a list of calculated flow properties.

Retrieves a list of calculated flow properties.

Table 1101: GET /config/flow_sources/custom_properties/calculated_properties resource details

GET /config/flow_sources/custom_properties/calculated_properties resource details

MIME Type

application/json

Table 1102: GET /config/flow_sources/custom_properties/calculated_properties request parameter details

GET /config/flow_sources/custom_properties/calculated_properties request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1103: GET /config/flow_sources/custom_properties/calculated_properties response codes

GET /config/flow_sources/custom_properties/calculated_properties response codes

HTTP Response Code	Unique Code	Description
200		The requested list of calculated flow properties was retrieved.

Table 1103: GET /config/flow_sources/custom_properties/calculated_properties response codes
(Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the list of calculated flow properties.

Response Description

A list of calculated flow properties. Each calculated flow property contains the following fields:

- **id** - Number - A sequence id for the calculated flow property.
- **identifier** - String - A string that uniquely identifies the calculated flow property.
- **name** - String - The name of the calculated flow property.
- **description** - String - The description of the calculated flow property.
- **enabled** - Boolean - Whether the calculated flow property is enabled.
- **first_operand** - String - An **operand object** describing the first operand in the expression.
- **second_operand** - String - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the calculated flow property.
- **creation_date** - Number - The time stamp for when the calculated flow property is created in milliseconds since epoch.
- **modification_date** - Number - The time stamp for when the calculated flow property is last modified in milliseconds since epoch.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.

- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
[
  {
    "creation_date": 42,
    "description": "String",
    "enabled": true,
    "first_operand": {
      "numeric_value": 42.5,
      "property_name": "String",
      "type": "String <one of: STATIC, PROPERTY>"
    },
    "id": 42,
    "identifier": "String",
    "modification_date": 42,
    "name": "String",
    "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
    "second_operand": {
      "numeric_value": 42.5,
      "property_name": "String",
      "type": "String <one of: STATIC, PROPERTY>"
    },
    "username": "String"
  }
]
```

POST /config/flow_sources/custom_properties/calculated_properties

SUMMARY

Creates a new calculated flow property.

Creates a new calculated flow property.

Table 1104: POST /config/flow_sources/custom_properties/calculated_properties resource details

POST /config/flow_sources/custom_properties/calculated_properties resource details

MIME Type
application/json

Table 1105: POST /config/flow_sources/custom_properties/calculated_properties request parameter details

POST /config/flow_sources/custom_properties/calculated_properties request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1106: POST /config/flow_sources/custom_properties/calculated_properties request body details

POST /config/flow_sources/custom_properties/calculated_properties request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	<p>Required - A JSON structure that contains the field_name-value pairs of the calculated flow property that is to be created.</p> <ul style="list-style-type: none"> • name - Required - String - The name of the calculated flow property. • description - Optional - String - The description of the calculated flow property. Defaults to an empty string. • enabled - Optional - Boolean - Whether the calculated flow property is enabled. Defaults to true. • first_operand - Required - Operand Object - An object describing the first operand in the expression. • second_operand - Required - Operand Object - An object describing the second operand in the expression. • operator - Optional -String - A string that represents one of the basic arithmetic operations in the expression. Defaults to "ADD". 	<pre>{ "description": "String", "enabled": true, "first_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "name": "String", "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>", "second_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "username": "String" }</pre>

Table 1107: POST /config/flow_sources/custom_properties/calculated_properties response codes

POST /config/flow_sources/custom_properties/calculated_properties response codes

HTTP Response Code	Unique Code	Description
201		The new calculated flow property was created.
403	1009	The requested create action is unauthorized.
409	1004	The name of the calculated property has been used.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to create a new calculated flow property.

Response Description

The newly created calculated flow property that contains the following fields:

- **id** - Number - A sequence id for the calculated flow property.
- **identifier** - String - A string that uniquely identifies the calculated flow property.
- **name** - String - The name of the calculated flow property.
- **description** - String - The description of the calculated flow property.
- **enabled** - Boolean - Whether the calculated flow property is enabled.
- **first_operand** - String - An **operand object** describing the first operand in the expression.
- **second_operand** - String - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the calculated flow property.
- **creation_date** - Number - The time stamp for when the calculated flow property is created in milliseconds since epoch.
- **modification_date** - Number - The time stamp for when the calculated flow property is last modified in milliseconds since epoch.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "description": "String",
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
  "modification_date": 42,
  "name": "String",
  "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
  "second_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "username": "String"
}
```

DELETE /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}

SUMMARY

Deletes the flow calculated property. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Deletes the flow calculated property. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Table 1108: DELETE /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

DELETE /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

MIME Type

application/json

Table 1109: DELETE /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

DELETE /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	Number (Integer)	text/plain	Required - String - The ID of the flow calculated property to delete.

Table 1109: DELETE /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1110: DELETE /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

DELETE /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

HTTP Response Code	Unique Code	Description
202		The calculated flow property deletion task was accepted and is in progress.
403	1009	The requested delete action is unauthorized.
404	1002	The requested calculated flow property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to delete a calculated flow property.

Response Description

A Delete Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/calculated_property_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}

SUMMARY

Retrieves a calculated flow property based on the supplied calculated property ID.

Retrieves a calculated flow property based on the supplied calculated property ID.

Table 1111: GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

MIME Type

application/json

Table 1112: GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	Number (Integer)	text/plain	Required - String - The ID of the calculated flow property.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1113: GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested calculated flow property was retrieved.
404	1002	The requested calculated flow property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to retrieve the requested calculated flow property.

Response Description

A calculated flow property that contains the following fields:

- **id** - Number - A sequence id for the calculated flow property.
- **identifier** - String - A string that uniquely identifies the calculated flow property.
- **name** - String - The name of the calculated flow property.
- **description** - String - The description of the calculated flow property.
- **enabled** - Boolean - Whether the calculated flow property is enabled.
- **first_operand** - String - An **operand object** describing the first operand in the expression.
- **second_operand** - String - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the calculated flow property.
- **creation_date** - Number - The time stamp for when the calculated flow property is created in milliseconds since epoch.

- **modification_date** - Number - The time stamp for when the calculated flow property is last modified in milliseconds since epoch.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "description": "String",
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
  "modification_date": 42,
  "name": "String",
  "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
  "second_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "username": "String"
}
```

POST /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}

SUMMARY

Updates an existing calculated flow property.

Updates an existing calculated flow property.

Table 1114: POST /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

POST /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} resource details

MIME Type

application/json

Table 1115: POST /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

POST /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	Number (Integer)	text/plain	Required - The ID of the calculated flow property.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1116: POST /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} request body details

POST /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	<p>Required - A JSON structure that contains the field_name-value pairs of the calculated flow property that is to be updated.</p> <ul style="list-style-type: none"> • description - Optional - String - The description of the calculated flow property. Defaults to an empty string. • enabled - Optional - Boolean - Whether the calculated flow property is enabled. Defaults to true. • first_operand - Optional - Operand Object - An object describing the first operand in the expression. • second_operand - Optional - Operand Object - An object describing the second operand in the expression. • operator - Optional -String - A string that represents one of the basic arithmetic operations in the expression. Defaults to "ADD". 	<pre>{ "description": "String", "enabled": true, "first_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "name": "String", "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>", "second_operand": { "numeric_value": 42.5, "property_name": "String", "type": "String <one of: STATIC, PROPERTY>" }, "username": "String" }</pre>

Table 1117: POST /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

POST /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id} response codes

HTTP Response Code	Unique Code	Description
200		The calculated flow property was updated.
403	1009	The requested update action is unauthorized.
404	1002	The requested calculated flow property can not be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to update a calculated flow property.

Response Description

The updated calculated flow property that contains the following fields:

- **id** - Number - A sequence id for the calculated flow property.
- **identifier** - String - A string that uniquely identifies the calculated flow property.
- **name** - String - The name of the calculated flow property.
- **description** - String - The description of the calculated flow property.
- **enabled** - Boolean - Whether the calculated flow property is enabled.
- **first_operand** - String - An **operand object** describing the first operand in the expression.
- **second_operand** - String - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the calculated flow property.
- **creation_date** - Number - The time stamp for when the calculated flow property is created in milliseconds since epoch.
- **modification_date** - Number - The time stamp for when the calculated flow property is last modified in milliseconds since epoch.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "description": "String",
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
  "modification_date": 42,
  "name": "String",
  "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
  "second_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "username": "String"
}
```

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents

SUMMARY

Retrieves the objects that depend on the flow calculated property.

Retrieves the objects that depend on the flow calculated property.

Table 1118: GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents resource details

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents resource details

MIME Type

application/json

Table 1119: GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents request parameter details

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	String	text/plain	Required - The ID of the flow calculated property to get the dependents for.

Table 1119: GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1120: GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents response codes

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The calculated flow property dependents retrieval was accepted and is in progress.
403	1009	The user does not have the required authorization to start the task for finding dependents of calculated flow property.
404	1002	The requested calculated flow property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to initiate the calculated flow property dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/calculated_property_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.

- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
```

```

FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable

SUMMARY

Retrieves the objects that depend on the flow calculated property.

Retrieves the objects that depend on the flow calculated property.

Table 1121: GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable resource details

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable resource details

MIME Type

application/json

Table 1122: GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable request parameter details

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	String	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1123: GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable response codes

GET /config/flow_sources/custom_properties/calculated_properties/{calculated_property_id}/dependents/disable response codes

HTTP Response Code	Unique Code	Description
202		The flow Calculated property dependents retrieval was accepted and is in progress.
403	1009	The user does not have the required authorization to start the task for finding dependents of CALCULATED flow property.
404	1002	The requested CALCULATED flow property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to initiate the AQL flow property dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/calculated_property_disabling_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.

- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
```

```

FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

GET /config/flow_sources/custom_properties/ calculated_properties/dep/{calculated_property_id}

SUMMARY

Retrieves a calculated flow property based on the supplied calculated property ID.

Retrieves a calculated flow property based on the supplied calculated property ID (String).

Table 1124: GET /config/flow_sources/custom_properties/calculated_properties/dep/ {calculated_property_id} resource details

GET /config/flow_sources/custom_properties/calculated_properties/dep/{calculated_property_id} resource details

MIME Type

application/json

Table 1125: GET /config/flow_sources/custom_properties/calculated_properties/dep/ {calculated_property_id} request parameter details

GET /config/flow_sources/custom_properties/calculated_properties/dep/{calculated_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_id	path	Required	String	text/plain	Required - String - The ID of the calculated flow property.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1126: GET /config/flow_sources/custom_properties/calculated_properties/dep/{calculated_property_id} response codes

GET /config/flow_sources/custom_properties/calculated_properties/dep/{calculated_property_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested calculated flow property was retrieved.
404	1002	The requested calculated flow property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to retrieve the requested calculated flow property.

Response Description

A calculated flow property that contains the following fields:

- **id** - Number - A sequence id for the calculated flow property.
- **identifier** - String - A string that uniquely identifies the calculated flow property.

- **name** - String - The name of the calculated flow property.
- **description** - String - The description of the calculated flow property.
- **enabled** - Boolean - Whether the calculated flow property is enabled.
- **first_operand** - String - An **operand object** describing the first operand in the expression.
- **second_operand** - String - An **operand object** describing the second operand in the expression.
- **operator** - String - A string that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the calculated flow property.
- **creation_date** - Number - The time stamp for when the calculated flow property is created in milliseconds since epoch.
- **modification_date** - Number - The time stamp for when the calculated flow property is last modified in milliseconds since epoch.

An **operand object** contains the following fields:

- **type** - String - can be "STATIC" (for numeric operand) or "PROPERTY" (for operand that is a property).
- **numeric_value** - Number - when property_type is "STATIC", this is the value of the operand; otherwise, it is suppressed.
- **property_name** - String - when property_type is "PROPERTY", this is the name of the property that is being used as the operand; otherwise, it is suppressed.

Response Sample

```
{
  "creation_date": 42,
  "description": "String",
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
```



```

"modification_date": 42,
"name": "String",
"operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
"second_operand": {
  "numeric_value": 42.5,
  "property_name": "String",
  "type": "String <one of: STATIC, PROPERTY>"
},
"username": "String"
}

```

GET /config/flow_sources/custom_properties/calculated_property/{calculated_property_name}

SUMMARY

Retrieves a list of flow calculated properties.

Retrieves a list of flow calculated properties.

Table 1127: GET /config/flow_sources/custom_properties/calculated_property/{calculated_property_name} resource details

GET /config/flow_sources/custom_properties/calculated_property/{calculated_property_name} resource details

MIME Type

application/json

Table 1128: GET /config/flow_sources/custom_properties/calculated_property/{calculated_property_name} request parameter details

GET /config/flow_sources/custom_properties/calculated_property/{calculated_property_name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
calculated_property_name	path	Required	String	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1129: GET /config/flow_sources/custom_properties/calculated_property/{calculated_property_name} response codes

GET /config/flow_sources/custom_properties/calculated_property/{calculated_property_name} response codes

HTTP Response Code	Unique Code	Description
200		The requested Calculated flow property was retrieved.
404	1002	The requested Calculated flow property cannot be found.
422	1005	One or more parameters are invalid in the request.

Table 1129: GET /config/flow_sources/custom_properties/calculated_property/{calculated_property_name} response codes *(Continued)*

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the requested Calculated flow property.

Response Description

A calculated flow property that contains the following fields:

- **id** - String - The ID of the Calculated flow property.
- **name** - String - The name of the Calculated flow property.
- **description** - String - The description of the Calculated flow property.
- **enabled** - Boolean - Whether the Calculated flow property is enabled.
- **operand1** - String - The name of a property or a numeric value as the first operand in the expression.
- **operand2** - String - The name of a property or a numeric value as the second operand in the expression.
- **operator** - String - The symbol that represents one of the basic arithmetic operations in the expression.
- **username** - String - The username of the creator of the Calculated flow property.
- **creation_date** - Number - The time stamp for when the Calculated flow property is created in milliseconds since epoch.
- **modification_date** - Number - The time stamp for when the Calculated flow property is last modified in milliseconds since epoch.

Response Sample

```
{
  "creation_date": 42,
  "description": "String",
  "enabled": true,
  "first_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "id": 42,
  "identifier": "String",
  "modification_date": 42,
  "name": "String",
  "operator": "String <one of: ADD, SUBTRACT, MULTIPLY, DIVIDE>",
  "second_operand": {
    "numeric_value": 42.5,
    "property_name": "String",
    "type": "String <one of: STATIC, PROPERTY>"
  },
  "username": "String"
}
```

GET /config/flow_sources/custom_properties/ calculated_property_delete_tasks/{task_id}

SUMMARY

Retrieves the status of the flow calculated property delete task.

Retrieves the status of the flow calculated property delete task.

Table 1130: GET /config/flow_sources/custom_properties/calculated_property_delete_tasks/{task_id} resource details

GET /config/flow_sources/custom_properties/calculated_property_delete_tasks/{task_id} resource details

MIME Type
application/json

Table 1131: GET /config/flow_sources/custom_properties/calculated_property_delete_tasks/{task_id} request parameter details

GET /config/flow_sources/custom_properties/calculated_property_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	Required - The ID of the calculated property delete task.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1132: GET /config/flow_sources/custom_properties/calculated_property_delete_tasks/{task_id} response codes

GET /config/flow_sources/custom_properties/calculated_property_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The status of the flow calculated property delete task was retrieved.
404	1002	The requested task status can not be found.

Table 1132: GET /config/flow_sources/custom_properties/calculated_property_delete_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to retrieve the status of the deletion task.

Response Description

A Delete Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/calculated_property_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
```

```

    "created": 42,
    "created_by": "String",
    "id": 42,
    "message": "String",
    "modified": 42,
    "name": "String",
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
    EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
  }

```

GET /config/flow_sources/custom_properties/ calculated_property_dependent_tasks/disable/{task_id}

SUMMARY

Retrieves the flow calculated property dependent task status.

Retrieves the flow calculated property dependent task status.

Table 1133: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/ disable/{task_id} resource details

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} resource details

MIME Type

application/json

Table 1134: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/ disable/{task_id} request parameter details

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1135: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} response codes

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The requested dependent task status cannot be found.
422	1005	The task ID is invalid in the request.
500	1020	An error occurred during the attempt to retrieve the task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.

- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```

{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
  CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
  FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
  FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
  FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
  FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
  FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
  FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
  FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
  FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
  FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
  FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

```

    }
  ]
}

```

POST /config/flow_sources/custom_properties/ calculated_property_dependent_tasks/disable/{task_id}

SUMMARY

Cancels the calculated property dependent task.

Cancels the calculated property dependent task.

Table 1136: POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} resource details

POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} resource details

MIME Type

application/json

Table 1137: POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request parameter details

POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 1137: POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1138: POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request body details

POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1139: POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} response codes

POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task was cancelled.

Table 1139: POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
```

```

    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
    EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_components": [
      {
        "completed": 42,
        "created": 42,
        "maximum": 42,
        "message": "String",
        "modified": 42,
        "number_of_dependents": 42,
        "progress": 42,
        "started": 42,
        "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
    CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
        "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
    FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
    FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
    FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
    FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
    FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
    FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
    FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
    FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
    FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
    FIND_DEPENDENT_FORWARDING_PROFILE>"
      }
    ]
  }
}

```

GET /config/flow_sources/custom_properties/ calculated_property_dependent_tasks/disable/{task_id}/results

SUMMARY

Retrieves the calculated property dependent task results.

Retrieves the calculated property dependent task results.

Table 1140: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results resource details

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results resource details

MIME Type
application/json

Table 1141: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results request parameter details

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1142: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results response codes

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The calculated property dependents were retrieved.

Table 1142: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/disable/{task_id}/results response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested task status cannot be found.
500	1020	An error occurred during the attempt to retrieve the task results.

Response Description

A list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
```

```

    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /config/flow_sources/custom_properties/ calculated_property_dependent_tasks/{task_id}

SUMMARY

Retrieves the status of the flow calculated property dependents task.

Retrieves the status of the flow calculated property dependents task.

Table 1143: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} resource details

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1144: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request parameter details

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	Required - The ID of the calculated property dependent task status to retrieve
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1145: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} response codes

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The status of the find dependents task was retrieved.

Table 1145: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested task status can not be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to retrieves the details of a task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL "/api/config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.

- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
```

```

    "created": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /config/flow_sources/custom_properties/ calculated_property_dependent_tasks/{task_id}

SUMMARY

Cancels the flow calculated property dependent task.

Cancels the flow calculated property dependent task.

Table 1146: POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} resource details

POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1147: POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request parameter details

POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	Required - The ID of the calculated property dependent task status to cancel
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1148: POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request body details

POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	Required - Dependent Task Status object with the status set to "CANCEL_REQUESTED" is the only acceptable input.	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1149: POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} response codes

POST /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL "/api/config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.

- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```

{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

```

    }
  ]
}

```

GET /config/flow_sources/custom_properties/ calculated_property_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the calculated property dependent task results.

Retrieves the flow calculated property dependent task results.

Table 1150: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results resource details

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results resource details

MIME Type

application/json

Table 1151: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results request parameter details

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	Required - The ID of the calculated property dependent task to retrieve results for.

Table 1151: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1152: GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results response codes

GET /config/flow_sources/custom_properties/calculated_property_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The result of the find dependents task was retrieved.
404	1002	The result of the task can not be found.
500	1020	An error occurred during the attempt to retrieves the result of a task.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource

- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
    ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
    ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
    FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
    QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
    VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
    BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
    EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
    EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
    EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
    FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
    FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
    FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
    FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
    GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
    REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
    REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
    ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
    FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
```

```
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
  "user_has_edit_permissions": true
}
]
```

GET /config/flow_sources/custom_properties/ calculated_property_operands

SUMMARY

Retrieves the list of available options for calculated flow property operand.

Retrieves the list of available options for calculated flow property operand.

Table 1153: GET /config/flow_sources/custom_properties/calculated_property_operands resource details

GET /config/flow_sources/custom_properties/calculated_property_operands resource details

MIME Type

application/json

Table 1154: GET /config/flow_sources/custom_properties/calculated_property_operands request parameter details

GET /config/flow_sources/custom_properties/calculated_property_operands request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1155: GET /config/flow_sources/custom_properties/calculated_property_operands response codes

GET /config/flow_sources/custom_properties/calculated_property_operands response codes

HTTP Response Code	Unique Code	Description
200		The list of available options for calculated flow property operand was retrieved.
500	1020	An error occurred during the attempt to retrieve the available options for calculated flow property operand.

Response Description

An array that contains the available options for calculated flow property operand.

Response Sample

```
[
```

```
"String"
]
```

GET /config/flow_sources/custom_properties/property_expressions

SUMMARY

Retrieve a list of flow regex property expressions.

Retrieves a list of flow regex property expressions.

Table 1156: GET /config/flow_sources/custom_properties/property_expressions resource details

GET /config/flow_sources/custom_properties/property_expressions resource details

MIME Type

application/json

Table 1157: GET /config/flow_sources/custom_properties/property_expressions request parameter details

GET /config/flow_sources/custom_properties/property_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1157: GET /config/flow_sources/custom_properties/property_expressions request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1158: GET /config/flow_sources/custom_properties/property_expressions response codes

GET /config/flow_sources/custom_properties/property_expressions response codes

HTTP Response Code	Unique Code	Description
200		The requested list of flow regex property expressions was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of flow regex property expressions.

Response Description

A list of flow regex property expressions. Each regex property expression contains the following fields:

- **id** - Integer - The sequence ID of the flow regex property expression.
- **identifier** - String - The ID of the flow regex property expression.

- **regex_property_identifier** - String - The identifier of the flow regex property that this expression belongs to.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **regex** - String - The regex to extract the property from the payload.
- **capture_group** - Integer - The capture group to capture.
- **payload** - String - Test payload. This is only used in the UI so that the user can verify their regex matches the expected payload.
- **qid** - Integer - The QID of the flow to apply this expression to.
- **low_level_category_id** - Integer - The expression is applied to all flows with this low level category.
- **payload_origin** - BaseProperty - The payload type (source_payload, destination_payload) to apply the expression to.
- **username** - String - The owner of the flow regex property expression.

Response Sample

```
[
  {
    "capture_group": 42,
    "creation_date": 42,
    "enabled": true,
    "id": 42,
    "identifier": "String",
    "low_level_category_id": 42,
    "modification_date": 42,
    "payload": "String",
    "payload_origin": "String <one of: event_payload, source_payload, destination_payload>",
    "qid": 42,
    "regex": "String",
    "regex_property_identifier": "String",
    "username": "String"
  }
]
```

POST /config/flow_sources/custom_properties/property_expressions

SUMMARY

Creates a new flow regex property expression.

Creates a new flow regex property expression.

Table 1159: POST /config/flow_sources/custom_properties/property_expressions resource details

POST /config/flow_sources/custom_properties/property_expressions resource details

MIME Type

application/json

Table 1160: POST /config/flow_sources/custom_properties/property_expressions request parameter details

POST /config/flow_sources/custom_properties/property_expressions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1161: POST /config/flow_sources/custom_properties/property_expressions request body details

POST /config/flow_sources/custom_properties/property_expressions request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the regex property expression object.</p> <ul style="list-style-type: none"> • regex_property_identifier - Required - String - The identifier of the flow regex property that this expression belongs to. • enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. It defaults to true if not provided. • regex - Required - String - The regex to extract the property from the payload. • capture_group - Optional - Integer - The capture group to capture. It defaults to 1 if not provided. • payload - Optional - String - Test payload. This is only used in the UI so that the user can verify their regex matches the expected payload. • qid - Optional - Integer - The QID of the flow to apply this expression to. • low_level_category_id - Optional - Integer - The expression is applied to all flows with this low level category. 	<pre>{ "capture_group": 42, "creation_date": 42, "enabled": true, "id": 42, "identifier": "String", "low_level_category_id": 42, "modification_date": 42, "payload": "String", "payload_origin": "String <one of: event_payload, source_payload, destination_payload>", "qid": 42, "regex": "String", "regex_property_identifier": "String", "username": "String" }</pre>

Table 1161: POST /config/flow_sources/custom_properties/property_expressions request body details
(Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> payload_origin - Required - String - The payload type (source_payload, destination_payload) to apply the expression to. 	

Table 1162: POST /config/flow_sources/custom_properties/property_expressions response codes

POST /config/flow_sources/custom_properties/property_expressions response codes

HTTP Response Code	Unique Code	Description
201		A new flow regex property expression was created.
422	1005	One or more request parameter are invalid in the request.
500	1020	An error occurred during the attempt to create a new flow regex property expression.

Response Description

The newly created flow regex property expression containing the following fields:

- **id** - Integer - The sequence ID of the flow regex property expression.
- **identifier** - String - The ID of the flow regex property expression.
- **regex_property_identifier** - String - The identifier of the flow regex property that this expression belongs to.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **regex** - String - The regex to extract the property from the payload.
- **capture_group** - Integer - The capture group to capture.

- **payload** - String - Test payload. This is only used in the UI so that the user can verify their regex matches the expected payload.
- **qid** - Integer - The QID of the flow to apply this expression to.
- **low_level_category_id** - Integer - The expression is applied to all flows with this low level category.
- **payload_origin** - BaseProperty - The payload type (source_payload, destination_payload) to apply the expression to.
- **username** - String - The owner of the flow regex property expression.

Response Sample

```
{
  "capture_group": 42,
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "payload_origin": "String <one of: event_payload, source_payload, destination_payload>",
  "qid": 42,
  "regex": "String",
  "regex_property_identifier": "String",
  "username": "String"
}
```

DELETE /config/flow_sources/custom_properties/property_expressions/ {expression_id}

SUMMARY

Deletes a flow regex property expression based on the supplied expression ID.

Deletes a flow regex property expression based on the supplied expression ID.

Table 1163: DELETE /config/flow_sources/custom_properties/property_expressions/{expression_id} resource details

DELETE /config/flow_sources/custom_properties/property_expressions/{expression_id} resource details

MIME Type
text/plain

Table 1164: DELETE /config/flow_sources/custom_properties/property_expressions/{expression_id} request parameter details

DELETE /config/flow_sources/custom_properties/property_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	Number (Integer)	text/plain	Required - The sequence ID of the flow_regex_property_expression.

Table 1165: DELETE /config/flow_sources/custom_properties/property_expressions/{expression_id} response codes

DELETE /config/flow_sources/custom_properties/property_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
204		The requested flow regex property expression was successfully deleted.
403	1009	The user cannot delete the resource because it only can be deleted by the owner or admin user.

Table 1165: DELETE /config/flow_sources/custom_properties/property_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested flow regex property expression cannot be found.
500	1020	An error occurred during the attempt to delete the requested flow regex property expression.

Response Description

Response Sample

GET /config/flow_sources/custom_properties/property_expressions/{expression_id}

SUMMARY

Retrieves a flow regex property expression based on the supplied expression ID.

Retrieves a flow regex property expression based on the supplied expression ID.

Table 1166: GET /config/flow_sources/custom_properties/property_expressions/{expression_id} resource details

GET /config/flow_sources/custom_properties/property_expressions/{expression_id} resource details

MIME Type
application/json

Table 1167: GET /config/flow_sources/custom_properties/property_expressions/{expression_id} request parameter details

GET /config/flow_sources/custom_properties/property_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	Number (Integer)	text/plain	Required - The sequence ID of the flow_regex_property_expression.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1168: GET /config/flow_sources/custom_properties/property_expressions/{expression_id} response codes

GET /config/flow_sources/custom_properties/property_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested flow regex property expression was successfully retrieved.

Table 1168: GET /config/flow_sources/custom_properties/property_expressions/{expression_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested flow regex property expression cannot be found.
500	1020	An error occurred during the attempt to retrieve the requested flow regex property expression.

Response Description

A flow regex property expression containing the following fields:

- **id** - Integer - The sequence ID of the flow regex property expression.
- **identifier** - String - The ID of the flow regex property expression.
- **regex_property_identifier** - String - The identifier of the flow regex property that this expression belongs to.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **regex** - String - The regex to extract the property from the payload.
- **capture_group** - Integer - The capture group to capture.
- **payload** - String - Test payload. This is only used in the UI so that the user can verify their regex matches the expected payload.
- **qid** - Integer - The QID of the flow to apply this expression to.
- **low_level_category_id** - Integer - The expression is applied to all flows with this low level category.
- **payload_origin** - BaseProperty - The payload type (source_payload, destination_payload) to apply the expression to.
- **username** - String - The owner of the flow regex property expression.

Response Sample

```
{
  "capture_group": 42,
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "payload_origin": "String <one of: event_payload, source_payload, destination_payload>",
  "qid": 42,
  "regex": "String",
  "regex_property_identifier": "String",
  "username": "String"
}
```

POST /config/flow_sources/custom_properties/property_expressions/{expression_id}

SUMMARY

Updates an existing flow regex property expression.

Updates an existing flow regex property expression.

Table 1169: POST /config/flow_sources/custom_properties/property_expressions/{expression_id} resource details

POST /config/flow_sources/custom_properties/property_expressions/{expression_id} resource details

MIME Type

application/json

Table 1170: POST /config/flow_sources/custom_properties/property_expressions/{expression_id} request parameter details

POST /config/flow_sources/custom_properties/property_expressions/{expression_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
expression_id	path	Required	Number (Integer)	text/plain	Required - The sequence ID of the flow regex property expression.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1171: POST /config/flow_sources/custom_properties/property_expressions/{expression_id} request body details

POST /config/flow_sources/custom_properties/property_expressions/{expression_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the flow regex property expression object.</p> <ul style="list-style-type: none"> • regex_property_identifier - Optional - String - The identifier of the flow regex property that this expression belongs to. • enabled - Optional - Boolean - Flag that indicates whether this expression is enabled. • regex - Optional - String - The regex to extract the property from the payload. • capture_group - Optional - Integer - The capture group to capture. • payload - Optional - String - Test payload. This is only used in the UI so that the user can verify their regex matches the expected payload. • qid - Optional - Integer - The QID of the flow to apply this expression to. • low_level_category_id - Optional - Integer - The expression is applied to all flows with this low level category. • payload_origin - Optional - String - The payload type (source_payload, 	<pre>{ "capture_group": 42, "creation_date": 42, "enabled": true, "id": 42, "identifier": "String", "low_level_category_id": 42, "modification_date": 42, "payload": "String", "payload_origin": "String <one of: event_payload, source_payload, destination_payload>", "qid": 42, "regex": "String", "regex_property_identifier": "String", "username": "String" }</pre>

Table 1171: POST /config/flow_sources/custom_properties/property_expressions/{expression_id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			destination_payload) to apply the expression to.	
			<ul style="list-style-type: none"> • username - Optional - String - The owner of the flow regex property expression. If the input username is authorized service, the prefix "API_token: " is required. 	

Table 1172: POST /config/flow_sources/custom_properties/property_expressions/{expression_id} response codes

POST /config/flow_sources/custom_properties/property_expressions/{expression_id} response codes

HTTP Response Code	Unique Code	Description
200		The flow regex property expression was updated.
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested flow regex property expression cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to update an flow regex property expression.

Response Description

The updated flow regex property expression object contains the following fields:

- **id** - Integer - The sequence ID of the flow regex property expression.
- **identifier** - String - The ID of the flow regex property expression.
- **regex_property_identifier** - String - The identifier of the flow regex property that this expression belongs to.
- **enabled** - Boolean - Flag that indicates whether this expression is enabled.
- **regex** - String - The regex to extract the property from the payload.
- **capture_group** - Integer - The capture group to capture.
- **payload** - String - Test payload. This is only used in the UI so that the user can verify their regex matches the expected payload.
- **qid** - Integer - The QID of the flow to apply this expression to.
- **low_level_category_id** - Integer - The expression is applied to all flows with this low level category.
- **payload_origin** - BaseProperty - The payload type (source_payload, destination_payload) to apply the expression to.
- **username** - String - The owner of the flow regex property expression.

Response Sample

```
{
  "capture_group": 42,
  "creation_date": 42,
  "enabled": true,
  "id": 42,
  "identifier": "String",
  "low_level_category_id": 42,
  "modification_date": 42,
  "payload": "String",
  "payload_origin": "String <one of: event_payload, source_payload, destination_payload>",
  "qid": 42,
  "regex": "String",
  "regex_property_identifier": "String",
  "username": "String"
}
```

GET /config/flow_sources/custom_properties/regex_properties

SUMMARY

Retrieves a list of flow regex properties.

Retrieves a list of flow regex properties.

Table 1173: GET /config/flow_sources/custom_properties/regex_properties resource details

GET /config/flow_sources/custom_properties/regex_properties resource details

MIME Type

application/json

Table 1174: GET /config/flow_sources/custom_properties/regex_properties request parameter details

GET /config/flow_sources/custom_properties/regex_properties request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1174: GET /config/flow_sources/custom_properties/regex_properties request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1175: GET /config/flow_sources/custom_properties/regex_properties response codes

GET /config/flow_sources/custom_properties/regex_properties response codes

HTTP Response Code	Unique Code	Description
200		The requested list of flow regex properties was retrieved.
422	1010	An error occurred while building the filter.
500	1020	An error occurred during the attempt to retrieve the list of flow regex properties.

Response Description

A list of flow regex properties. Each regex property contains the following fields:

- **id** - Integer - The sequence ID of the flow regex property.
- **identifier** - String - The ID of the flow regex property.
- **name** - String - The name of the flow regex property.
- **username** - String - The owner of the flow regex property.
- **description** - String - The description of the flow regex property.
- **property_type** - String - The property type (string, numeric, ip, port, time) of flow regex property.

- **use_for_rule_engine** - Boolean - The flag that indicates if the flow regex property is parsed when the flow was captured.
- **datetime_format** - String - The date/time pattern that the flow regex property matches.
- **locale** - String - The language tag of the locale that the property matches.

Response Sample

```
[
  {
    "creation_date": 42,
    "datetime_format": "String",
    "description": "String",
    "id": 42,
    "identifier": "String",
    "locale": "String",
    "modification_date": 42,
    "name": "String",
    "property_type": "String <one of: string, numeric, ip, port, time>",
    "use_for_rule_engine": true,
    "username": "String"
  }
]
```

POST /config/flow_sources/custom_properties/regex_properties

SUMMARY

Creates a new flow regex property.

Creates a new flow regex property.

Table 1176: POST /config/flow_sources/custom_properties/regex_properties resource details

POST /config/flow_sources/custom_properties/regex_properties resource details

MIME Type
application/json

Table 1177: POST /config/flow_sources/custom_properties/regex_properties request parameter details

POST /config/flow_sources/custom_properties/regex_properties request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1178: POST /config/flow_sources/custom_properties/regex_properties request body details

POST /config/flow_sources/custom_properties/regex_properties request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the flow regex property object.</p> <ul style="list-style-type: none"> • name - Required - String - The name of the flow regex property. • description - Optional - String - The description of the flow regex property. • property_type - Required - String - The property type (string, numeric, ip, port, time) of flow regex property. • use_for_rule_engine - Optional - Boolean - The flag that indicates if the flow regex property is parsed when the flow was captured. • datetime_format - Optional - String - The date/time pattern that the flow regex property matches. It is required when property type is TIME. • locale - Optional - String - The language tag of the locale that the property matches. The locale is required when property type is TIME. 	<pre>{ "creation_date": 42, "datetime_format": "String", "description": "String", "id": 42, "identifier": "String", "locale": "String", "modification_date": 42, "name": "String", "property_type": "String <one of: string, numeric, ip, port, time>", "use_for_rule_engine": true, "username": "String" }</pre>

Table 1179: POST /config/flow_sources/custom_properties/regex_properties response codes

POST /config/flow_sources/custom_properties/regex_properties response codes

HTTP Response Code	Unique Code	Description
201		A new flow regex property was created.
422	1005	One or more request parameter are invalid in the request.
500	1020	An error occurred during the attempt to create a new flow regex property.

Response Description

The newly created flow regex property that contains the following fields:

- **id** - Integer - The sequence ID of the flow regex property.
- **identifier** - String - The ID of the flow regex property.
- **name** - String - The name of the flow regex property.
- **username** - String - The owner of the flow regex property.
- **description** - String - The description of the flow regex property.
- **property_type** - String - The property type (string, numeric, ip, port, time) of flow regex property.
- **use_for_rule_engine** - Boolean - The flag that indicates if the flow regex property is parsed when the flow was captured.
- **datetime_format** - String - The date/time pattern that the flow regex property matches.
- **locale** - String - The language tag of the locale that the property matches.

Response Sample

```
{
  "creation_date": 42,
  "datetime_format": "String",
```

```

    "description": "String",
    "id": 42,
    "identifier": "String",
    "locale": "String",
    "modification_date": 42,
    "name": "String",
    "property_type": "String <one of: string, numeric, ip, port, time>",
    "use_for_rule_engine": true,
    "username": "String"
  }

```

DELETE /config/flow_sources/custom_properties/regex_properties/{regex_property_id}

SUMMARY

Deletes a flow regex property. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task is started to do this check.

Deletes a flow regex property. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task is started to do this check.

Table 1180: DELETE /config/flow_sources/custom_properties/regex_properties/{regex_property_id} resource details

DELETE /config/flow_sources/custom_properties/regex_properties/{regex_property_id} resource details

MIME Type

application/json

Table 1181: DELETE /config/flow_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

DELETE /config/flow_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_property_id	path	Required	Number (Integer)	text/plain	Required - The sequence ID of the Flow Regex property to delete.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1182: DELETE /config/flow_sources/custom_properties/regex_properties/{regex_property_id} response codes

DELETE /config/flow_sources/custom_properties/regex_properties/{regex_property_id} response codes

HTTP Response Code	Unique Code	Description
202		The flow regex property delete request was accepted and is in progress
403	1009	The user cannot delete the regex_property because it only can be deleted by the owner or admin user.
404	1002	The requested flow regex property cannot be found.
500	1020	An error occurred during the attempt to delete the flow regex property.

Response Description

A Delete Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/regex_property_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task .
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```


GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}

SUMMARY

Retrieves a flow regex property based on the supplied regex property ID.

Retrieves a flow regex property based on the supplied regex property ID.

Table 1183: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id} resource details

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id} resource details

MIME Type

application/json

Table 1184: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_property_id	path	Required	Number (Integer)	text/plain	Required - The sequence ID of the flow_regex_property.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1185: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id} response codes

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested flow regex property was successfully retrieved.
404	1002	The requested flow regex property cannot be found.
500	1020	An error occurred during the attempt to retrieve the requested flow regex property.

Response Description

A flow regex property that contains the following fields:

- **id** - Integer - The sequence ID of the flow regex property.
- **identifier** - String - The ID of the flow regex property.
- **name** - String - The name of the flow regex property.
- **username** - String - The owner of the flow regex property.
- **description** - String - The description of the flow regex property.
- **property_type** - String - The property type (string, numeric, ip, port, time) of flow regex property.
- **use_for_rule_engine** - Boolean - The flag that indicates if the flow regex property is parsed when the flow was captured.
- **datetime_format** - String - The date/time pattern that the flow regex property matches.
- **locale** - String - The language tag of the locale that the property matches.

Response Sample

```
{
  "creation_date": 42,
  "datetime_format": "String",
  "description": "String",
  "id": 42,
  "identifier": "String",
  "locale": "String",
  "modification_date": 42,
  "name": "String",
  "property_type": "String <one of: string, numeric, ip, port, time>",
  "use_for_rule_engine": true,
  "username": "String"
}
```

POST /config/flow_sources/custom_properties/regex_properties/{regex_property_id}

SUMMARY

Updates an existing flow regex property.

Updates an existing flow regex property.

Table 1186: POST /config/flow_sources/custom_properties/regex_properties/{regex_property_id} resource details

POST /config/flow_sources/custom_properties/regex_properties/{regex_property_id} resource details

MIME Type

application/json

Table 1187: POST /config/flow_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

POST /config/flow_sources/custom_properties/regex_properties/{regex_property_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_proper ty_id	path	Required	Number (Integer)	text/plain	Required - The sequence ID of the flow regex property.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1188: POST /config/flow_sources/custom_properties/regex_properties/{regex_property_id} request body details

POST /config/flow_sources/custom_properties/regex_properties/{regex_property_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/ json	<p>Required - A JSON representation of the flow regex property object.</p> <ul style="list-style-type: none"> • description - Optional - String - The description of the flow regex property. • property_type - Optional - String - The property type (string, numeric, ip, port, time) of flow regex property. • use_for_rule_engine - Optional - Boolean - The flag that indicates if the flow regex property is parsed when the flow is captured. It is false if no value supplied. • datetime_format - Optional - String - The date/time pattern that the flow regex property matches. It is required when property type is TIME. • locale - Optional - String - The language tag of the locale that the property matches. The locale is required when property type is TIME. • username - Optional - String - The owner of the event regex property. If the input username is authorized service, the prefix "API_token: " is required. 	<pre>{ "creation_date": 42, "datetime_format": "String", "description": "String", "id": 42, "identifier": "String", "locale": "String", "modification_date": 42, "name": "String", "property_type": "String <one of: string, numeric, ip, port, time>", "use_for_rule_engine": true, "username": "String" }</pre>

Table 1189: POST /config/flow_sources/custom_properties/regex_properties/{regex_property_id} response codes

POST /config/flow_sources/custom_properties/regex_properties/{regex_property_id} response codes

HTTP Response Code	Unique Code	Description
200		The flow regex property was updated.
403	1009	The user cannot update the resource because it only can be updated by the owner or admin user.
404	1002	The requested flow regex property cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to update an flow regex property.

Response Description

The updated flow regex property object contains the following fields:

- **id** - Integer - The sequence ID of the flow regex property.
- **identifier** - String - The ID of the flow regex property.
- **name** - String - The name of the flow regex property.
- **username** - String - The owner of the flow regex property.
- **description** - String - The description of the flow regex property.
- **property_type** - String - The property type (string, numeric, ip, port, time) of flow regex property.
- **use_for_rule_engine** - Boolean - The flag that indicates if the flow regex property is parsed when the flow is captured.
- **datetime_format** - String - The date/time pattern that the flow regex property matches.
- **locale** - String - The language tag of the locale that the property matches.

Response Sample

```
{
  "creation_date": 42,
  "datetime_format": "String",
  "description": "String",
  "id": 42,
  "identifier": "String",
  "locale": "String",
  "modification_date": 42,
  "name": "String",
  "property_type": "String <one of: string, numeric, ip, port, time>",
  "use_for_rule_engine": true,
  "username": "String"
}
```

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents

SUMMARY

Retrieves the objects that depend on the flow regex property.

Retrieves the objects that depend on the flow regex property.

Table 1190: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents resource details

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents resource details

MIME Type

application/json

Table 1191: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents request parameter details

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_property_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1192: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents response codes

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The flow regex property dependents retrieval was accepted and is in progress.
404	1002	The flow regex property does not exist.
500	1020	An error occurred during the attempt to initiate the flow regex property dependents retrieval task.

Response Description

A Depends Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/regex_property_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task.
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.

- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES, FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES, FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES, FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES, FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS, FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,"
```

```

FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type

SUMMARY

Retrieves the objects that depend on the flow regex property for changing type of field for it.

Retrieves the objects that depend on the flow regex property for changing field type of it.

Table 1193: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type resource details

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type resource details

MIME Type

application/json

Table 1194: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type request parameter details

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_property_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1195: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type response codes

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/dependents/change_field_type response codes

HTTP Response Code	Unique Code	Description
202		The flow regex property dependents retrieval was accepted and is in progress.
404	1002	The flow regex property does not exist.
500	1020	An error occurred while attempting to initiate the flow regex property dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.

- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```

{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

```

    }
  ]
}

```

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/disabling_dependents

SUMMARY

Retrieves the objects that depend on the flow regex property.

Retrieves the objects that depend on the flow regex property.

Table 1196: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/disabling_dependents resource details

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/disabling_dependents resource details

MIME Type

application/json

Table 1197: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/disabling_dependents request parameter details

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/disabling_dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
regex_proper ty_id	path	Required	Number (Integer)	text/plain	null

Table 1197: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/disabling_dependents request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1198: GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/disabling_dependents response codes

GET /config/flow_sources/custom_properties/regex_properties/{regex_property_id}/disabling_dependents response codes

HTTP Response Code	Unique Code	Description
202		The flow regex property dependents retrieval was accepted and is in progress.
404	1002	The flow regex property does not exist.
500	1020	An error occurred while attempting to initiate the flow regex property dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/regex_property_disabling_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.

- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```

{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

```

    }
  ]
}

```

GET /config/flow_sources/custom_properties/ regex_property_delete_tasks/{task_id}

SUMMARY

Retrieves the flow regex property delete task status.

Retrieves the flow regex property delete task status.

Table 1199: GET /config/flow_sources/custom_properties/regex_property_delete_tasks/{task_id} resource details

GET /config/flow_sources/custom_properties/regex_property_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 1200: GET /config/flow_sources/custom_properties/regex_property_delete_tasks/{task_id} request parameter details

GET /config/flow_sources/custom_properties/regex_property_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 1200: GET /config/flow_sources/custom_properties/regex_property_delete_tasks/{task_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1201: GET /config/flow_sources/custom_properties/regex_property_delete_tasks/{task_id} response codes

GET /config/flow_sources/custom_properties/regex_property_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.
404	1002	The requested task status cannot be found.
422	1005	The task id is invalid in the request.
500	1020	An error occurred during the attempt to retrieve the task status.

Response Description

A task status that contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task .

- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /config/flow_sources/custom_properties/ regex_property_dependent_tasks/change_field_type/{task_id}

SUMMARY

Retrieves the flow regex property dependent task status.

Retrieves the flow regex property dependent task status.

Table 1202: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} resource details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} resource details

MIME Type
application/json

Table 1203: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request parameter details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1204: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} response codes

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.

Table 1204: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested dependent task status cannot be found.
422	1005	The task ID is invalid in the request.
500	1020	An error occurred during the attempt to retrieve the task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL "/api/config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.

- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
```



```

    "created": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /config/flow_sources/custom_properties/ regex_property_dependent_tasks/change_field_type/{task_id}

SUMMARY

Cancels the regex property dependent task.

Cancels the regex property dependent task.

Table 1205: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} resource details

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} resource details

MIME Type

application/json

Table 1206: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request parameter details

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1207: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request body details

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1208: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} response codes

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task was cancelled.
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.

- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
      FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
      FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
      FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
      FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
      FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}
```

```

    }
  ]
}

```

GET /config/flow_sources/custom_properties/ regex_property_dependent_tasks/change_field_type/{task_id}/results

SUMMARY

Retrieves the regex property dependent task results.

Retrieves the regex property dependent task results.

Table 1209: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/ change_field_type/{task_id}/results resource details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/results resource details

MIME Type

application/json

Table 1210: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/ change_field_type/{task_id}/results request parameter details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 1210: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/results request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1211: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/results response codes

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/change_field_type/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The regex property dependents were retrieved.
404	1002	The requested task status cannot be found.
500	1020	An error occurred during the attempt to retrieve the task results.

Response Description

A list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource

- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
    ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
    ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
    FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
    QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
    VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
    BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
    EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
    EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
    EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
    FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
    FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
    FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
    FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
    GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
    REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
    REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
    ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
    FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
```



```
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
  "user_has_edit_permissions": true
}
]
```

GET /config/flow_sources/custom_properties/ regex_property_dependent_tasks/disable/{task_id}

SUMMARY

Retrieves the flow regex property dependent task status.

Retrieves the flow regex property dependent task status.

Table 1212: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} resource details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} resource details

MIME Type

application/json

Table 1213: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 1213: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1214: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} response codes

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The requested dependent task status cannot be found.
422	1005	The task ID is invalid in the request.
500	1020	An error occurred during the attempt to retrieve the task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.

- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```

{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
  CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
  FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
  FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
  FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
  FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
  FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
  FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
  FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
  FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
  FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
  FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

```

    }
  ]
}

```

POST /config/flow_sources/custom_properties/ regex_property_dependent_tasks/disable/{task_id}

SUMMARY

Cancels the regex property dependent task.

Cancels the regex property dependent task.

Table 1215: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} resource details

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} resource details

MIME Type

application/json

Table 1216: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 1216: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1217: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request body details

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1218: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} response codes

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task was cancelled.

Table 1218: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
```



```

    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
    EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_components": [
      {
        "completed": 42,
        "created": 42,
        "maximum": 42,
        "message": "String",
        "modified": 42,
        "number_of_dependents": 42,
        "progress": 42,
        "started": 42,
        "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
    CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
        "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
    FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
    FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
    FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
    FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
    FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
    FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
    FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
    FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
    FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
    FIND_DEPENDENT_FORWARDING_PROFILE>"
      }
    ]
  }
}

```

GET /config/flow_sources/custom_properties/ regex_property_dependent_tasks/disable/{task_id}/results

SUMMARY

Retrieves the regex property dependent task results.

Retrieves the regex property dependent task results.

Table 1219: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results resource details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results resource details

MIME Type
application/json

Table 1220: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results request parameter details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1221: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results response codes

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The regex property dependents were retrieved.

Table 1221: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/disable/{task_id}/results response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested task status cannot be found.
500	1020	An error occurred during the attempt to retrieve the task results.

Response Description

A list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
```

```

    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /config/flow_sources/custom_properties/ regex_property_dependent_tasks/{task_id}

SUMMARY

Retrieves the flow regex property dependent task status.

Retrieves the flow regex property dependent task status.

Table 1222: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} resource details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 1223: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} request parameter details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1224: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} response codes

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The requested task status cannot be found.

Table 1224: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	1005	The task id is invalid in the request.
500	1020	An error occurred during the attempt to retrieve the task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.

- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task.
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
```

```

    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /config/flow_sources/custom_properties/ regex_property_dependent_tasks/{task_id}

SUMMARY

Cancels the flow regex property dependent task.

Cancels the flow regex property dependent task for disabling it.

Table 1225: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/ {task_id} resource details

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1226: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} request parameter details

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1227: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} request body details

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1228: POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} response codes

POST /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was cancelled.
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.

- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task.
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
```

```

    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
    EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_components": [
      {
        "completed": 42,
        "created": 42,
        "maximum": 42,
        "message": "String",
        "modified": 42,
        "number_of_dependents": 42,
        "progress": 42,
        "started": 42,
        "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
    CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
        "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
    FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
    FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
    FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
    FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
    FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
    FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
    FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
    FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
    FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
    FIND_DEPENDENT_FORWARDING_PROFILE>"
      }
    ]
  }

```

GET /config/flow_sources/custom_properties/ regex_property_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the regex property dependent task results.

Retrieves the regex property dependent task results.

Table 1229: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results resource details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results resource details

MIME Type
application/json

Table 1230: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results request parameter details

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1231: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results response codes

GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The requested task results was retrieved.

Table 1231: GET /config/flow_sources/custom_properties/regex_property_dependent_tasks/{task_id}/results response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1002	The requested task status cannot be found.
500	1020	An error occurred during the attempt to retrieve the task status.

Response Description

A list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
```

```

    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /config/network_hierarchy/networks

SUMMARY

Retrieves the deployed network hierarchy.

Retrieves the deployed network hierarchy.

Table 1232: GET /config/network_hierarchy/networks resource details

GET /config/network_hierarchy/networks resource details

MIME Type
application/json

Table 1233: GET /config/network_hierarchy/networks request parameter details

GET /config/network_hierarchy/networks request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1234: GET /config/network_hierarchy/networks response codes

GET /config/network_hierarchy/networks response codes

HTTP Response Code	Unique Code	Description
200		The network hierarchy was returned.
500	1020	An error occurred during the attempt to retrieve the network hierarchy.

Response Description

Network Hierarchy - A JSON string that contains network_hierarchy objects with the following fields:

- **id** - Integer - The ID of the network object.
- **network_id** - Integer - The ID of JSA's network hierarchy.
- **group** - String - The group of the network object.
- **name** - String - The name of the network object.
- **cidr** - String - The CIDR range of the network object.
- **description** - String - The description of the network object.
- **domain_id** - Integer - The domain ID of the network object.
- **location** - Optional - JSON object - The GeoJSON location of the network object.
- **country_code** - Optional - String - The country code of the network object.

Response Sample

```
[
  {
    "cidr": "String",
    "country_code": "String",
    "description": "String",
    "domain_id": 42,
    "group": "String",
    "id": 42,
    "location": {
      "coordinates": [
        42.5
      ],
      "type": "String"
    },
    "name": "String",
    "network_id": 42
  }
]
```

```
}
]
```

GET /config/network_hierarchy/staged_networks

SUMMARY

Retrieves the staged network hierarchy.

Retrieves the staged network hierarchy.

Table 1235: GET /config/network_hierarchy/staged_networks resource details

GET /config/network_hierarchy/staged_networks resource details

MIME Type

application/json

Table 1236: GET /config/network_hierarchy/staged_networks request parameter details

GET /config/network_hierarchy/staged_networks request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1237: GET /config/network_hierarchy/staged_networks response codes

GET /config/network_hierarchy/staged_networks response codes

HTTP Response Code	Unique Code	Description
200		The network hierarchy was returned
500	1020	An error occurred during the attempt to retrieve the network hierarchy

Response Description

Network Hierarchy - A JSON string that contains network_hierarchy objects with the following fields:

- **id** - Integer - The ID of the network object.
- **network_id** - Integer - The ID of JSA's network hierarchy.
- **group** - String - The group of the network object.
- **name** - String - The name of the network object.
- **cidr** - String - The CIDR range of the network object.
- **description** - String - The description of the network object.
- **domain_id** - Integer - The domain ID of the network object.
- **location** - Optional - JSON object - The GeoJSON location of the network object.
- **country_code** - Optional - String - The country code of the network object.

Response Sample

```
[
  {
    "cidr": "String",
```

```

    "country_code": "String",
    "description": "String",
    "domain_id": 42,
    "group": "String",
    "id": 42,
    "location": {
      "coordinates": [
        42.5
      ],
      "type": "String"
    },
    "name": "String",
    "network_id": 42
  }
]

```

PUT /config/network_hierarchy/staged_networks

SUMMARY

Replaces the current network hierarchy with the input that is provided.

Replaces the current network hierarchy with the input that is provided.

Table 1238: PUT /config/network_hierarchy/staged_networks resource details

PUT /config/network_hierarchy/staged_networks resource details

MIME Type

application/json

Table 1239: PUT /config/network_hierarchy/staged_networks request parameter details

PUT /config/network_hierarchy/staged_networks request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1240: PUT /config/network_hierarchy/staged_networks request body details

PUT /config/network_hierarchy/staged_networks request body details

Parameter	Data Type	MIME Type	Description	Sample
network_hierarchy	Array<Object>	application/json	<p>Required - A JSON String that contains network hierarchy objects with the following fields:</p> <ul style="list-style-type: none"> • id - Optional - Integer - The ID of the network object. • group - Required - String - The group of the network object. • name - Required - String - The name of the network object. • cidr - Required - String - The CIDR range of the network object. • description - Optional - String - The description of the network object. • domain_id - Optional - Integer - The domain ID of the network object (required if domain aware). • location - Optional - JSON object - The GeoJSON location of the network object. • country_code - Optional - String - The country code of the network object. 	<pre>[{ "id": 4, "group": "DMZ", "name": "External", "description": "network description", "cidr": "0.0.0.1/32", "domain_id": 0, "location": { "type": "Point", "coordinates": [-75.69805556, 45.41111111] }, "country_code": "CA" }, { "id": 5, "group": "DMZ", "name": "External", "description": "network description", "cidr": "0.0.0.2/32", "domain_id": 0, "location": { "type": "Point", "coordinates": [-66.646332, 45.964993] }, "country_code": "CA" }]</pre>

Table 1241: PUT /config/network_hierarchy/staged_networks response codes

PUT /config/network_hierarchy/staged_networks response codes

HTTP Response Code	Unique Code	Description
200		The network hierarchy was successfully replaced.
422	1005	An invalid parameter was passed to the API call.
500	1020	An unexpected error occurred during the creation of the network hierarchy.

Response Description

Network Hierarchy - A JSON string that contains `network_hierarchy` objects, each with the following fields:

- **id** - Integer - The ID of the network object.
- **network_id** - Integer - The ID of JSA's network hierarchy.
- **group** - String - The group of the network object.
- **name** - String - The name of the network object.
- **cidr** - String - The CIDR range of the network object.
- **description** - String - The description of the network object.
- **domain_id** - Integer - The domain ID of the network object.
- **location** - Optional - JSON object - The GeoJSON location of the network object.
- **country_code** - Optional - String - The country code of the network object.

Response Sample

```
[
  {
    "cidr": "String",
```

```

    "country_code": "String",
    "description": "String",
    "domain_id": 42,
    "group": "String",
    "id": 42,
    "location": {
      "coordinates": [
        42.5
      ],
      "type": "String"
    },
    "name": "String",
    "network_id": 42
  }
]

```

GET /config/remote_networks

SUMMARY

Retrieves a list of deployed remote networks.

Retrieves the list of deployed remote networks

Table 1242: GET /config/remote_networks resource details

GET /config/remote_networks resource details

MIME Type

application/json

Table 1243: GET /config/remote_networks request parameter details

GET /config/remote_networks request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1244: GET /config/remote_networks response codes

GET /config/remote_networks response codes

HTTP Response Code	Unique Code	Description
200		The deployed remote networks list was successfully retrieved.
500	1020	An internal server error was occurred during the retrieval of the list of deployed remote networks.

Response Description

A list of deployed remote networks.

- **id** - Long - The ID of the remote network.
- **name** - String - The name of the remote network.
- **description** - String - The description of the remote network.
- **group** - String - The group the remote network belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote network.

Response Sample

```
[
  {
    "cidrs": [
      "String"
    ],
    "description": "String",
    "group": "String",
    "id": 42,
    "name": "String"
  }
]
```

GET /config/remote_networks/{network_id}

SUMMARY

Retrieves a deployed remote network by ID.

Retrieves a deployed remote network by ID.

Table 1245: GET /config/remote_networks/{network_id} resource details

GET /config/remote_networks/{network_id} resource details

MIME Type
application/json

Table 1246: GET /config/remote_networks/{network_id} request parameter details

GET /config/remote_networks/{network_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
network_id	path	Required	Number (Integer)	text/plain	ID that is used to retrieve a deployed remote network.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1247: GET /config/remote_networks/{network_id} response codes

GET /config/remote_networks/{network_id} response codes

HTTP Response Code	Unique Code	Description
200		The deployed remote network was successfully retrieved.
404	1002	No deployed remote network was found with the provided ID.
500	1020	An error occurred during the retrieval of the remote network.

Response Description

The associated deployed remote network object.

- **id** - Long - The ID of the remote network.
- **name** - String - The name of the remote network.
- **description** - String - The description of the remote network.
- **group** - String - The group the remote network belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote network.

Response Sample

```
{
  "cidrs": [
    "String"
  ],
  "description": "String",
  "group": "String",
  "id": 42,
  "name": "String"
}
```

GET /config/remote_services

SUMMARY

Retrieves a list of deployed remote services.

Retrieves the list of deployed remote services.

Table 1248: GET /config/remote_services resource details

GET /config/remote_services resource details

MIME Type
application/json

Table 1249: GET /config/remote_services request parameter details

GET /config/remote_services request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1250: GET /config/remote_services response codes

GET /config/remote_services response codes

HTTP Response Code	Unique Code	Description
200		The deployed remote services list was successfully retrieved.
500	1020	An internal server error occurred during the retrieval of the list of deployed remote services.

Response Description

A list of deployed remote services.

- **id** - Long - The ID of the remote service.
- **name** - String - The name of the remote service.
- **description** - String - The description of the remote service.
- **group** - String - The group the remote service belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote service.

Response Sample

```
[
  {
    "cidrs": [
      "String"
    ],
    "description": "String",
    "group": "String",
    "id": 42,
    "name": "String"
  }
]
```

GET /config/remote_services/{service_id}

SUMMARY

Retrieves a deployed remote service by ID.

Retrieves a deployed remote service by ID.

Table 1251: GET /config/remote_services/{service_id} resource details

GET /config/remote_services/{service_id} resource details

MIME Type

application/json

Table 1252: GET /config/remote_services/{service_id} request parameter details

GET /config/remote_services/{service_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
service_id	path	Required	Number (Integer)	text/plain	ID that is used for retrieving a deployed remote service.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1253: GET /config/remote_services/{service_id} response codes

GET /config/remote_services/{service_id} response codes

HTTP Response Code	Unique Code	Description
200		The deployed remote service was successfully retrieved.
404	1002	No deployed remote service was found with the provided ID.
500	1020	An error occurred during the retrieval of the remote service.

Response Description

The associated deployed remote service object.

- **id** - Long - The ID of the remote service.
- **name** - String - The name of the remote service.
- **description** - String - The description of the remote service.
- **group** - String - The group the remote service belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote service.

Response Sample

```
{
  "cidrs": [
    "String"
  ],
  "description": "String",
  "group": "String",
  "id": 42,
  "name": "String"
}
```


GET /config/resource_restrictions

SUMMARY

Retrieves a list of all resource restrictions.

Retrieves the list of all resource restrictions.

Table 1254: GET /config/resource_restrictions resource details

GET /config/resource_restrictions resource details

MIME Type

application/json

Table 1255: GET /config/resource_restrictions request parameter details

GET /config/resource_restrictions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1255: GET /config/resource_restrictions request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1256: GET /config/resource_restrictions response codes

GET /config/resource_restrictions response codes

HTTP Response Code	Unique Code	Description
200		The resource restriction list was successfully retrieved.
500	1001	An error occurred during the attempt to retrieve the restriction list.

Response Description

A list of all the restrictions.

Response Sample

```
[
  {
    "data_window": 42,
    "execution_time": 42,
    "id": "String",
    "record_limit": 42,
    "role_id": 42,
```

```

    "tenant_id": 42,
    "user_id": 42
  }
]

```

POST /config/resource_restrictions

SUMMARY

Creates a new resource restriction.

Creates a new resource restriction.

Table 1257: POST /config/resource_restrictions resource details

POST /config/resource_restrictions resource details

MIME Type

application/json

Table 1258: POST /config/resource_restrictions request parameter details

POST /config/resource_restrictions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1259: POST /config/resource_restrictions request body details

POST /config/resource_restrictions request body details

Parameter	Data Type	MIME Type	Description	Sample
resourceRestriction	Object	application/json	Required - The resource restriction to be added. Only one of the ID fields (user_id, tenant_id, role_id) can be provided.	{ "data_window": 42, "execution_time": 42, "id": "String", "record_limit": 42, "role_id": 42, "tenant_id": 42, "user_id": 42 }

Table 1260: POST /config/resource_restrictions response codes

POST /config/resource_restrictions response codes

HTTP Response Code	Unique Code	Description
200		The new resource restriction was successfully created.
404	1009	The consumer (user, tenant, or role) provided was not found.
422	1008	One of: user_id, role_id, or tenant_id
500	1010	An error occurred during the attempt to create a resource restriction.

Response Description

The associated restriction object.

Response Sample

```
{
```

```

    "data_window": 42,
    "execution_time": 42,
    "id": "String",
    "record_limit": 42,
    "role_id": 42,
    "tenant_id": 42,
    "user_id": 42
  }

```

DELETE /config/resource_restrictions/{resource_restriction_id}

SUMMARY

Deletes a resource restriction consumer by ID.

Deletes a resource restriction consumer by ID.

Table 1261: DELETE /config/resource_restrictions/{resource_restriction_id} resource details

DELETE /config/resource_restrictions/{resource_restriction_id} resource details

MIME Type

text/plain

Table 1262: DELETE /config/resource_restrictions/{resource_restriction_id} request parameter details

DELETE /config/resource_restrictions/{resource_restriction_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
resource_restriction_id	path	Required	String	text/plain	Required - The resource restriction ID of the resource restriction to be retrieved. Must be of the format [1-3]-\d+

Table 1263: DELETE /config/resource_restrictions/{resource_restriction_id} response codes

DELETE /config/resource_restrictions/{resource_restriction_id} response codes

HTTP Response Code	Unique Code	Description
204		The resource restriction consumer was successfully deleted.
404	1003	null
422	1002	Provided ID is not a valid format. Must be of the format [1-3]-\d+
500	1004	An error occurred during the retrieval of the resource restrictions.

Response Description

The deleted restriction object.

Response Sample

GET /config/resource_restrictions/{resource_restriction_id}

SUMMARY

Retrieves a resource restriction consumer by ID.

Retrieves a resource restriction consumer by ID.

Table 1264: GET /config/resource_restrictions/{resource_restriction_id} resource details

GET /config/resource_restrictions/{resource_restriction_id} resource details

MIME Type
application/json

Table 1265: GET /config/resource_restrictions/{resource_restriction_id} request parameter details

GET /config/resource_restrictions/{resource_restriction_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
resource_restriction_id	path	Required	String	text/plain	Required - The resource restriction ID of the resource restriction to be retrieved. Must be of the format [1-3]-\d+
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1266: GET /config/resource_restrictions/{resource_restriction_id} response codes

GET /config/resource_restrictions/{resource_restriction_id} response codes

HTTP Response Code	Unique Code	Description
200		The resource restriction consumer was successfully retrieved.

Table 1266: GET /config/resource_restrictions/{resource_restriction_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1003	No such resource restriction consumer (user, tenant, or role) exists for the given ID.
422	1002	Provided ID is not a valid format. must be [1-3]-\d+
500	1004	An error occurred during the retrtieval resource restrictions.

Response Description

The associated restriction object.

Response Sample

```
{
  "data_window": 42,
  "execution_time": 42,
  "id": "String",
  "record_limit": 42,
  "role_id": 42,
  "tenant_id": 42,
  "user_id": 42
}
```


PUT /config/resource_restrictions/{resource_restriction_id}

SUMMARY

Updates a resource restriction consumer by ID.

Updates a resource restriction consumer by ID.

Table 1267: PUT /config/resource_restrictions/{resource_restriction_id} resource details

PUT /config/resource_restrictions/{resource_restriction_id} resource details

MIME Type

application/json

Table 1268: PUT /config/resource_restrictions/{resource_restriction_id} request parameter details

PUT /config/resource_restrictions/{resource_restriction_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
resource_restriction_id	path	Required	String	text/plain	Required - The resource restriction ID of the resource restriction to be updated. Must be of the format [1-3]-\d+
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1269: PUT /config/resource_restrictions/{resource_restriction_id} request body details

PUT /config/resource_restrictions/{resource_restriction_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
resourceRestriction	Object	application/json	Required - The resource restrictions to be updated.	{ "data_window": 42, "execution_time": 42, "id": "String", "record_limit": 42, "role_id": 42, "tenant_id": 42, "user_id": 42 }

Table 1270: PUT /config/resource_restrictions/{resource_restriction_id} response codes

PUT /config/resource_restrictions/{resource_restriction_id} response codes

HTTP Response Code	Unique Code	Description
200		The resource restriction consumer was successfully updated.
404	1006	The resource restriction consumer (user, tenant, or role) wasn't found.
422	1005	Provided ID is not a valid format. Must be of the format [1-3]-\d+
500	1007	An error occurred during the retrieval of the resource restriction.

Response Description

The associated restriction object.

Response Sample

```
{
```

```

    "data_window": 42,
    "execution_time": 42,
    "id": "String",
    "record_limit": 42,
    "role_id": 42,
    "tenant_id": 42,
    "user_id": 42
  }

```

GET /config/store_and_forward/policies

SUMMARY

Retrieves a list of store and forward policies.

Retrieves a list of store and forward policies.

Table 1271: GET /config/store_and_forward/policies resource details

GET /config/store_and_forward/policies resource details

MIME Type

application/json

Table 1272: GET /config/store_and_forward/policies request parameter details

GET /config/store_and_forward/policies request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1272: GET /config/store_and_forward/policies request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1273: GET /config/store_and_forward/policies response codes

GET /config/store_and_forward/policies response codes

HTTP Response Code	Unique Code	Description
200		The store and forward policies were retrieved.
422	1010	A request parameter is not valid.
500	1020	An error occurred during the attempt to retrieve the store and forward policies.

Response Description

An array of Store and Forward Policy objects. An Store and Forward Policy object contains the following fields:

- **id** - Long - The ID of the store and forward policy (Filterable).
- **name** - String - The name of the store and forward policy (Filterable).
- **description** - String - The description of the store and forward policy (Filterable).
- **timezone** - String - The timezone of the store and forward policy.
- **owner** - String - The owner of the store and forward policy (Filterable).
- **store_and_forward_schedule_id** - Long - The schedule ID of the store and forward policy.
- **created** - Long - The time in milliseconds since epoch since the store and forward policy was created.
- **modified** - Long - The time in milliseconds since epoch since the store and forward policy was last modified.

Response Sample

```
[
  {
    "created": 42,
    "description": "String",
    "id": 42,
    "modified": 42,
    "name": "String",
    "owner": "String",
    "saf_schedule_id": 42,
    "timezone": "String"
  }
]
```

DELETE /config/store_and_forward/policies/{id}

SUMMARY

Deletes a store and forward policy.

Deletes a store and forward policy.

Table 1274: DELETE /config/store_and_forward/policies/{id} resource details

DELETE /config/store_and_forward/policies/{id} resource details

MIME Type
text/plain

Table 1275: DELETE /config/store_and_forward/policies/{id} request parameter details

DELETE /config/store_and_forward/policies/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 1276: DELETE /config/store_and_forward/policies/{id} response codes

DELETE /config/store_and_forward/policies/{id} response codes

HTTP Response Code	Unique Code	Description
204		The Store and Forward Policy has been deleted
403	1009	You do not have the required capabilities to delete the store and forward policy
404	1002	The Store and Forward Policy does not exist
500	1020	An error occurred during the attempt to delete the store and forward policy

Response Description

Response Sample

GET /config/store_and_forward/policies/{id}

SUMMARY

Retrieves a store and forward policy.

Retrieves a store and forward policy.

Table 1277: GET /config/store_and_forward/policies/{id} resource details

GET /config/store_and_forward/policies/{id} resource details

MIME Type

application/json

Table 1278: GET /config/store_and_forward/policies/{id} request parameter details

GET /config/store_and_forward/policies/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 1278: GET /config/store_and_forward/policies/{id} request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1279: GET /config/store_and_forward/policies/{id} response codes

GET /config/store_and_forward/policies/{id} response codes

HTTP Response Code	Unique Code	Description
200		The store and forward policy was retrieved.
404	1002	The store and forward policy does not exist.
500	1020	An error occurred during the attempt to retrieve the store and forward policy.

Response Description

The store and forward policy after it has been retrieved. An Store and Forward Policy object contains the following fields:

- **id** - Long - The ID of the store and forward policy.
- **name** - String - The name of the store and forward policy.
- **description** - String - The description of the store and forward policy.
- **timezone** - String - The timezone of the store and forward policy.

- **owner** - String - The owner of the store and forward policy.
- **store_and_forward_schedule_id** - Long - The schedule ID of the store and forward policy.
- **created** - Long - The time in milliseconds since epoch since the store and forward policy was created.
- **modified** - Long - The time in milliseconds since epoch since the store and forward policy was last modified.

Response Sample

```
{
  "created": 42,
  "description": "String",
  "id": 42,
  "modified": 42,
  "name": "String",
  "owner": "String",
  "saf_schedule_id": 42,
  "timezone": "String"
}
```

POST /config/store_and_forward/policies/{id}

SUMMARY

Updates the store and forward policy owner only.

Updates the store and forward policy owner only

Table 1280: POST /config/store_and_forward/policies/{id} resource details

POST /config/store_and_forward/policies/{id} resource details

MIME Type

application/json

Table 1281: POST /config/store_and_forward/policies/{id} request parameter details

POST /config/store_and_forward/policies/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1282: POST /config/store_and_forward/policies/{id} request body details

POST /config/store_and_forward/policies/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
policy	Object	application/json	null	{ "description": "String", "id": 42, "name": "String", "owner": "String", "saf_schedule_id": 42, "timezone": "String" }

Table 1283: POST /config/store_and_forward/policies/{id} response codes

POST /config/store_and_forward/policies/{id} response codes

HTTP Response Code	Unique Code	Description
200		The store and forward policy has been updated.
403	1009	You do not have the required capabilities to update the store and forward policy.
404	1002	The store and forward policy does not exist.
409	1004	The provided user does not have the required capabilities to own the store and forward policy.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the store and forward policy.

Response Description

The store and forward policy after it was updated. An Store and Forward Policy object contains the following fields:

- **id** - Long - The ID of the store and forward policy.
- **name** - String - The name of the store and forward policy.
- **description** - String - The description of the store and forward policy.
- **timezone** - String - The timezone of the store and forward policy.
- **owner** - String - The owner of the store and forward policy.
- **store_and_forward_schedule_id** - Long - The schedule ID of the store and forward policy.
- **created** - Long - The time in milliseconds since epoch since the store and forward policy was created.
- **modified** - Long - The time in milliseconds since epoch since the store and forward policy was last modified.

Response Sample

```
{
  "created": 42,
  "description": "String",
  "id": 42,
  "modified": 42,
  "name": "String",
  "owner": "String",
  "saf_schedule_id": 42,
  "timezone": "String"
}
```

10

CHAPTER

Data_Classification Endpoints

Data_Classification Endpoints | 1284

Data_Classification Endpoints

SUMMARY

Use the references for REST API 16.0 data_classification endpoints.

IN THIS SECTION

- GET /data_classification/dsm_event_mappings | **1285**
- POST /data_classification/dsm_event_mappings | **1287**
- GET /data_classification/dsm_event_mappings/{dsm_event_mapping_id} | **1291**
- POST /data_classification/dsm_event_mappings/{dsm_event_mapping_id} | **1293**
- GET /data_classification/high_level_categories | **1296**
- GET /data_classification/high_level_categories/{high_level_category_id} | **1299**
- GET /data_classification/low_level_categories | **1301**
- GET /data_classification/low_level_categories/{low_level_category_id} | **1304**
- GET /data_classification/qid_records | **1306**
- POST /data_classification/qid_records | **1309**
- GET /data_classification/qid_records/{qid_record_id} | **1311**
- POST /data_classification/qid_records/{qid_record_id} | **1314**

GET /data_classification/dsm_event_mappings

SUMMARY

Retrieve a list of DSM event mappings.

Retrieves a list of DSM event mappings.

Table 1284: GET /data_classification/dsm_event_mappings resource details

GET /data_classification/dsm_event_mappings resource details

MIME Type

application/json

Table 1285: GET /data_classification/dsm_event_mappings request parameter details

GET /data_classification/dsm_event_mappings request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1285: GET /data_classification/dsm_event_mappings request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1286: GET /data_classification/dsm_event_mappings response codes

GET /data_classification/dsm_event_mappings response codes

HTTP Response Code	Unique Code	Description
200		The requested list of DSM event mappings was retrieved.
500	1020	An error occurred during the attempt to retrieve the list of DSM event mappings.

Response Description

A list of DSM event mappings. A DSM event mapping contains the following fields:

- **id** - Number - The ID of the DSM event mapping.
- **log_source_type_id** - Number - The ID of the Log Source Type this DSM event mapping resource is associated with.
- **log_source_event_id** - String - The primary identifying value parsed from an event to be used to look up the corresponding QID record.
- **log_source_event_category** - String - The secondary identifying value parsed from an event to be used to look up the corresponding QID record.
- **custom_event** - Boolean - Flag to identify if the DSM event mapping is system provided (custom_event=false) or user-provided (custom_event=true).
- **qid_record_id** - Number - The ID of the QID record to which this DSM event mapping provides a mapping.

- **uuid** - String - The uuid of the DSM event mapping.

Response Sample

```
[
  {
    "custom_event": true,
    "id": 42,
    "log_source_event_category": "String",
    "log_source_event_id": "String",
    "log_source_type_id": 42,
    "qid_record_id": 42,
    "uuid": "String"
  }
]
```

POST /data_classification/dsm_event_mappings

SUMMARY

Creates a new custom DSM event mapping.

Creates a new custom DSM event mapping.

Table 1287: POST /data_classification/dsm_event_mappings resource details

POST /data_classification/dsm_event_mappings resource details

MIME Type

application/json

Table 1288: POST /data_classification/dsm_event_mappings request parameter details

POST /data_classification/dsm_event_mappings request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1289: POST /data_classification/dsm_event_mappings request body details

POST /data_classification/dsm_event_mappings request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	<p>Required - A DSM event mapping that contains the following fields:</p> <ul style="list-style-type: none"> • log_source_type_id - Required - Number - The ID of the Log Source Type this DSM event mapping resource is associated with. • log_source_event_id - Required - String - The primary identifying value parsed from an event to be used to look up the corresponding QID record. • log_source_event_category - Required - String - The secondary identifying value parsed from an event to be used to look up the corresponding QID record. • qid_record_id - Required - Number - The ID of the QID record to which this DSM event mapping provides a mapping. 	<pre>{ "log_source_event_category": "String", "log_source_event_id": "String", "log_source_type_id": 42, "qid_record_id": 42 }</pre>

Table 1290: POST /data_classification/dsm_event_mappings response codes

POST /data_classification/dsm_event_mappings response codes

HTTP Response Code	Unique Code	Description
201		The new custom DSM event mapping was created.

Table 1290: POST /data_classification/dsm_event_mappings response codes (*Continued*)

HTTP Response Code	Unique Code	Description
409	1008	There is an existing custom DSM event mapping with same the log_source_type_id, log_source_event_id and log_source_event_category combination. Cannot create duplicate DSM event mapping.
422	1005	Invalid parameter value provided for the new DSM event mapping.
500	1020	An error occurred during the attempt to create a new custom DSM event mapping.

Response Description

The newly created DSM event mapping that contains the following fields:

- **id** - Number - The ID of the DSM event mapping.
- **log_source_type_id** - Number - The ID of the Log Source Type this DSM event mapping resource is associated with.
- **log_source_event_id** - String - The primary identifying value parsed from an event to be used to look up the corresponding QID record.
- **log_source_event_category** - String - The secondary identifying value parsed from an event to be used to look up the corresponding QID record.
- **custom_event** - Boolean - Flag to identify if the DSM event mapping is system provided (custom_event=false) or user-provided (custom_event=true).
- **qid_record_id** - Number - The ID of the QID record to which this DSM event mapping provides a mapping.
- **uuid** - String - The uuid of the DSM event mapping.

Response Sample

```
{
  "custom_event": true,
  "id": 42,
  "log_source_event_category": "String",
  "log_source_event_id": "String",
  "log_source_type_id": 42,
  "qid_record_id": 42,
  "uuid": "String"
}
```

GET /data_classification/dsm_event_mappings/{dsm_event_mapping_id}

SUMMARY

Retrieves a DSM event mapping based on the supplied DSM event mapping ID.

Retrieves a DSM event mapping based on the supplied DSM event mapping ID.

Table 1291: GET /data_classification/dsm_event_mappings/{dsm_event_mapping_id} resource details

GET /data_classification/dsm_event_mappings/{dsm_event_mapping_id} resource details

MIME Type

application/json

Table 1292: GET /data_classification/dsm_event_mappings/{dsm_event_mapping_id} request parameter details

GET /data_classification/dsm_event_mappings/{dsm_event_mapping_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
dsm_event_mapping_id	path	Required	Number (Integer)	text/plain	Required - The ID of the DSM event mapping.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1293: GET /data_classification/dsm_event_mappings/{dsm_event_mapping_id} response codes

GET /data_classification/dsm_event_mappings/{dsm_event_mapping_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested DSM event mapping was retrieved.
404	1002	The requested DSM event mapping was not found.
500	1020	An error occurred during the attempt to retrieve the DSM event mapping.

Response Description

A DSM event mapping that contains the following fields:

- **id** - Number - The ID of the DSM event mapping.
- **log_source_type_id** - Number - The ID of the Log Source Type this DSM event mapping resource is associated with.

- **log_source_event_id** - String - The primary identifying value parsed from an event to be used to look up the corresponding QID record.
- **log_source_event_category** - String - The secondary identifying value parsed from an event to be used to look up the corresponding QID record.
- **custom_event** - Boolean - Flag to identify if the DSM event mapping is system provided (custom_event=false) or user-provided (custom_event=true).
- **qid_record_id** - Number - The ID of the QID record to which this DSM event mapping provides a mapping.
- **uuid** - String - The uuid of the DSM event mapping.

Response Sample

```
{
  "custom_event": true,
  "id": 42,
  "log_source_event_category": "String",
  "log_source_event_id": "String",
  "log_source_type_id": 42,
  "qid_record_id": 42,
  "uuid": "String"
}
```

POST /data_classification/dsm_event_mappings/ {dsm_event_mapping_id}

SUMMARY

Updates an existing custom DSM event mapping.

Updates an existing custom DSM event mapping.

Table 1294: POST /data_classification/dsm_event_mappings/{dsm_event_mapping_id} resource details

POST /data_classification/dsm_event_mappings/{dsm_event_mapping_id} resource details

MIME Type
application/json

Table 1295: POST /data_classification/dsm_event_mappings/{dsm_event_mapping_id} request parameter details

POST /data_classification/dsm_event_mappings/{dsm_event_mapping_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
dsm_event_m apping_id	path	Required	Number (Integer)	text/plain	Required - The ID of the DSM event mapping.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1296: POST /data_classification/dsm_event_mappings/{dsm_event_mapping_id} request body details

POST /data_classification/dsm_event_mappings/{dsm_event_mapping_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	Required - The DSM event mapping to be updated that might contain the following field: <ul style="list-style-type: none"> qid_record_id - Number - Required - The ID of the QID record to which this DSM event mapping provides a mapping. 	{ "qid_record_id": 42 }

Table 1297: POST /data_classification/dsm_event_mappings/{dsm_event_mapping_id} response codes

POST /data_classification/dsm_event_mappings/{dsm_event_mapping_id} response codes

HTTP Response Code	Unique Code	Description
200		The DSM event mapping was updated.
404	1002	The requested DSM event mapping was not found.
422	1005	Invalid parameter provided while updating the DSM event mapping.
500	1020	An error occurred during the attempt to update a DSM event mapping.

Response Description

The updated DSM event mapping that contains the following fields:

- id** - Number - The ID of the DSM event mapping.
- log_source_type_id** - Number - The ID of the Log Source Type this DSM event mapping resource is associated with.

- **log_source_event_id** - String - The primary identifying value parsed from an event to be used to look up the corresponding QID record.
- **log_source_event_category** - String - The secondary identifying value parsed from an event to be used to look up the corresponding QID record.
- **custom_event** - Boolean - Flag to identify if the DSM event mapping is system provided (custom_event=false) or user-provided (custom_event=true).
- **qid_record_id** - Number - The ID of the QID record to which this DSM event mapping provides a mapping.
- **uuid** - String - The uuid of the DSM event mapping.

Response Sample

```
{
  "custom_event": true,
  "id": 42,
  "log_source_event_category": "String",
  "log_source_event_id": "String",
  "log_source_type_id": 42,
  "qid_record_id": 42,
  "uuid": "String"
}
```

GET /data_classification/high_level_categories

SUMMARY

Retrieves a list of high level categories.

Retrieves a list of high level categories.

Table 1298: GET /data_classification/high_level_categories resource details

GET /data_classification/high_level_categories resource details

MIME Type
application/json

Table 1299: GET /data_classification/high_level_categories request parameter details

GET /data_classification/high_level_categories request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1300: GET /data_classification/high_level_categories response codes

GET /data_classification/high_level_categories response codes

HTTP Response Code	Unique Code	Description
200		The requested list of high level categories was retrieved.
422	23003	Sorting is only supported for fields "id" or "name".
422	23004	The sort field that was provided does not exist.
422	23005	Sorting on multiple fields is not supported.
500	1020	An error occurred during the attempt to retrieve the list of high level categories.

Response Description

A list of high level categories. A high level category contains the following fields:

- **id** - Number - The ID of the high level category.
- **name** - String - The name of the high level category.
- **description** - String - The description of the high level category.

Response Sample

```
[
  {
    "id": 19000,
    "name": "Audit",
    "description": "Audit"
  },
  {
    "id": 20000,
    "name": "Risk",
```

```

    "description": "Risk"
  }
]

```

GET /data_classification/high_level_categories/{high_level_category_id}

SUMMARY

Retrieves a high level category based on the supplied high level category ID.

Retrieves a high level category based on the supplied high level category ID.

Table 1301: GET /data_classification/high_level_categories/{high_level_category_id} resource details

GET /data_classification/high_level_categories/{high_level_category_id} resource details

MIME Type

application/json

Table 1302: GET /data_classification/high_level_categories/{high_level_category_id} request parameter details

GET /data_classification/high_level_categories/{high_level_category_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
high_level_category_id	path	Required	Number (Integer)	text/plain	Required - the ID of the high level category.

Table 1302: GET /data_classification/high_level_categories/{high_level_category_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1303: GET /data_classification/high_level_categories/{high_level_category_id} response codes

GET /data_classification/high_level_categories/{high_level_category_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested high level category was retrieved.
404	1002	The requested high level category was not found.
422	1005	High level category ID must be a positive integer.
500	1020	An error occurred during the attempt to retrieve the high level category.

Response Description

A high level category that contains the following fields:

- **id** - Number - The ID of the high level category.
- **name** - String - The name of the high level category.
- **description** - String - The description of the high level category.

Response Sample

```
{
  "id": 19000,
  "name": "Audit",
  "description": "Audit",
}
```

GET /data_classification/low_level_categories

SUMMARY

Retrieves a list of low level categories.

Retrieves a list of low level categories.

Table 1304: GET /data_classification/low_level_categories resource details

GET /data_classification/low_level_categories resource details

MIME Type

application/json

Table 1305: GET /data_classification/low_level_categories request parameter details

GET /data_classification/low_level_categories request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 1305: GET /data_classification/low_level_categories request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1306: GET /data_classification/low_level_categories response codes

GET /data_classification/low_level_categories response codes

HTTP Response Code	Unique Code	Description
200		The requested list of low level categories was retrieved.
422	23053	Sorting is only supported for fields "id" or "name"
422	23054	The sort field that was provided does not exist.
422	23055	Sorting on multiple fields is not supported.

Table 1306: GET /data_classification/low_level_categories response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the list of low level categories.

Response Description

A list of low level category objects. A low level category contains the following fields:

- **id** - Number - The ID of the low level category.
- **name** - String - The name of the low level category.
- **description** - String - The description of the low level category.
- **severity** - Number - The severity of the low level category.
- **high_level_category_id** - Number - The ID of the parent high level category.

Response Sample

```
[
  {
    "id": 19001,
    "name": "General Audit Event",
    "description": "General Audit Event",
    "high_level_category_id": 19000,
    "severity" : 0
  },
  {
    "id": 19002,
    "name": "Built-in Execution",
    "description": " Built-in Execution",
    "high_level_category_id": 19000,
    "severity" : 0
  }
]
```

```
}
]
```

GET /data_classification/low_level_categories/{low_level_category_id}

SUMMARY

Retrieves a low level category based on the supplied low level category ID.

Retrieves a low level category that is based on the supplied low level category ID.

Table 1307: GET /data_classification/low_level_categories/{low_level_category_id} resource details

GET /data_classification/low_level_categories/{low_level_category_id} resource details

MIME Type

application/json

Table 1308: GET /data_classification/low_level_categories/{low_level_category_id} request parameter details

GET /data_classification/low_level_categories/{low_level_category_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
low_level_category_id	path	Required	Number (Integer)	text/plain	Required - The id of the low level category.

Table 1308: GET /data_classification/low_level_categories/{low_level_category_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1309: GET /data_classification/low_level_categories/{low_level_category_id} response codes

GET /data_classification/low_level_categories/{low_level_category_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested low level category was retrieved.
404	1002	The requested low level category was not found.
422	1005	Low level category ID must be a positive integer.
500	1020	An error occurred during the attempt to retrieve the low level category.

Response Description

A low level category that contains the following fields:

- **id** - Number - The ID of the low level category.
- **name** - String - The name of the low level category.
- **description** - String - The description of the low level category.

- **severity** - Number - The severity of the low level category.
- **high_level_category_id** - Number - The ID of the parent high level category.

Response Sample

```
{
  "id": 19001,
  "name": "General Audit Event",
  "description": "General Audit Event",
  "high_level_category_id": 19000,
  "severity" : 0
}
```

GET /data_classification/qid_records

SUMMARY

Retrieves a list of QID records.

Retrieves a list of QID records.

Table 1310: GET /data_classification/qid_records resource details

GET /data_classification/qid_records resource details

MIME Type

application/json

Table 1311: GET /data_classification/qid_records request parameter details

GET /data_classification/qid_records request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1312: GET /data_classification/qid_records response codes

GET /data_classification/qid_records response codes

HTTP Response Code	Unique Code	Description
200		The requested list of QID records was retrieved.
500	1020	An error occurred during the attempt to retrieve the list of QID records.

Response Description

A list of QID records. A QID record contains the following fields:

- **id** - Number - The ID of the QID record.
- **qid** - Number - The QID of the QID record.
- **name** - String - The name of the QID record.
- **description** - String - The description of the QID record.
- **severity** - Number - The severity of the QID record.
- **low_level_category_id** - Number - The low level category ID of the QID record.
- **log_source_type_id** - Number - A placeholder with null value to ensure data structure consistency among endpoints.
- **uuid** - String - The uuid of the QID record.

Response Sample

```
[
  {
    "id": 64280,
    "qid": 2500283,
    "name": "DELETED WEB-MISC O'Reilly args.bat access",
    "description": "DELETED WEB-MISC O'Reilly args.bat access",
    "severity": 2 ,
    "low_level_category_id": 1011,
    "log_source_type_id": null
  },
  {
    "id": 64297,
    "qid": 2500300,
    "name": "DELETED WEB-MISC Cisco Web DOS attempt",
    "description": "DELETED WEB-MISC Cisco Web DOS attempt",
    "severity": 8,
    "low_level_category_id": 2009
    "log_source_type_id": null
  }
]
```

POST /data_classification/qid_records

SUMMARY

Creates a new QID record.

Creates a new QID record.

Table 1313: POST /data_classification/qid_records resource details

POST /data_classification/qid_records resource details

MIME Type

application/json

Table 1314: POST /data_classification/qid_records request parameter details

POST /data_classification/qid_records request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1315: POST /data_classification/qid_records request body details

POST /data_classification/qid_records request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	<p>Required - A QID record containing the following fields:</p> <ul style="list-style-type: none"> • log_source_type_id - Required - Number - The ID of the log source type which the QID record is created for. • name - Required - String - The name of the QID record. • description - Optional - String - The description of the QID record. • severity - Optional - Number - The severity of the QID record. If not provided, the severity of the corresponding low level category is used as the default value. • low_level_category_id - Required - Number - The low level category ID of the QID record. 	<pre>{ "log_source_type_id": 199, "name": "spp_portscan: Portscan Detected", "description": "spp_portscan: Portscan Detected", "severity": 4, "low_level_category_id":1008 }</pre>

Table 1316: POST /data_classification/qid_records response codes

POST /data_classification/qid_records response codes

HTTP Response Code	Unique Code	Description
201		The new QID record was created.
422	1005	Invalid parameter value provided for the new QID record.
500	1020	An error occurred during the attempt to create a new QID record.

Response Description

The newly created QID record containing the following fields:

- **id** - Number - The ID of the QID record.
- **qid** - Number - The QID of the QID record.
- **name** - String - The name of the QID record.
- **description** - String - The description of the QID record.
- **severity** - Number - The severity of the QID record.
- **low_level_category_id** - Number - The low level category ID of the QID record.
- **log_source_type_id** - Number - A placeholder with null value to ensure data structure consistency among endpoints.
- **uuid** - String - The uuid of the QID record.

Response Sample

```
{
  "id": 63998,
  "qid": 2500001,
  "name": "spp_portscan: Portscan Detected",
  "description": "spp_portscan: Portscan Detected",
  "severity": 4,
  "low_level_category_id": 1008,
  "log_source_type_id": null
}
```

GET /data_classification/qid_records/{qid_record_id}

SUMMARY

Retrieves a QID record that is based on the supplied `qid_record_id`.

Retrieves a QID record that is based on the supplied `qid_record_id`.

Table 1317: GET /data_classification/qid_records/{qid_record_id} resource details

GET /data_classification/qid_records/{qid_record_id} resource details

MIME Type

application/json

Table 1318: GET /data_classification/qid_records/{qid_record_id} request parameter details

GET /data_classification/qid_records/{qid_record_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
qid_record_id	path	Required	Number (Integer)	text/plain	Required - the ID of the QID record.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1319: GET /data_classification/qid_records/{qid_record_id} response codes

GET /data_classification/qid_records/{qid_record_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested QID record was retrieved.

Table 1319: GET /data_classification/qid_records/{qid_record_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1002	The requested QID record was not found.
422	1005	qid_record_id must be a positive integer.
500	1020	An error occurred during the attempt to retrieve the QID record.

Response Description

A QID record containing the following fields:

- **id** - Number - The ID of the QID record.
- **qid** - Number - The QID of the QID record.
- **name** - String - The name of the QID record.
- **description** - String - The description of the QID record.
- **severity** - Number - The severity of the QID record.
- **low_level_category_id** - Number - The low level category ID of the QID record.
- **log_source_type_id** - Number - A placeholder with null value to ensure data structure consistency among endpoints.
- **uuid** - String - The uuid of the QID record.

Response Sample

```
{
  "id": 63998,
  "qid": 2500001,
  "name": "spp_portscan: Portscan Detected",
```

```

"description": "spp_portscan: Portscan Detected",
"severity": 4,
"low_level_category_id": 1008,
"log_source_type_id": null,
"uuid": null
}

```

POST /data_classification/qid_records/{qid_record_id}

SUMMARY

Updates an existing QID record.

Updates an existing QID record.

Table 1320: POST /data_classification/qid_records/{qid_record_id} resource details

POST /data_classification/qid_records/{qid_record_id} resource details

MIME Type

application/json

Table 1321: POST /data_classification/qid_records/{qid_record_id} request parameter details

POST /data_classification/qid_records/{qid_record_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
qid_record_id	path	Required	Number (Integer)	text/plain	Required - The ID of the QID record.

Table 1321: POST /data_classification/qid_records/{qid_record_id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1322: POST /data_classification/qid_records/{qid_record_id} request body details

POST /data_classification/qid_records/{qid_record_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
qid_record	Object	application/json	<p>Required - The QID record to be updated, which may contain the following fields:</p> <ul style="list-style-type: none"> • name - Optional - String - The name of the QID record. • description - Optional - String - The description of the QID record. • severity - Optional - Number - The severity of the QID record. • low_level_category_id - Optional - Number - The low level category ID of the QID record. 	<pre>{ "name": "spp_portscan: Portscan Detected", "description": "spp_portscan: Portscan Detected", "severity": 4, "low_level_category_id":1008 }</pre>

Table 1323: POST /data_classification/qid_records/{qid_record_id} response codes

POST /data_classification/qid_records/{qid_record_id} response codes

HTTP Response Code	Unique Code	Description
200		The QID record was updated.
404	1002	The requested QID record was not found.
409	1008	The QID record that was provided cannot be updated because it is a system-provided QID.
422	1005	Invalid parameter was provided during the update to the QID record.
500	1020	An error occurred during the attempt to update a QID record.

Response Description

The updated QID record containing the following fields:

- **id** - Number - The ID of the QID record.
- **qid** - Number - The QID of the QID record.
- **name** - String - The name of the QID record.
- **description** - String - The description of the QID record.
- **severity** - Number - The severity of the QID record.
- **low_level_category_id** - Number - The low level category ID of the QID record.
- **log_source_type_id** - Number - A placeholder with null value to ensure data structure consistency among endpoints.
- **uuid** - String - The uuid of the QID record.

Response Sample

```
{
  "id": 63998,
  "qid": 2500001,
  "name": "spp_portscan: Portscan Detected",
  "description": "spp_portscan: Portscan Detected",
  "severity": 4,
  "low_level_category_id": 1008,
  "log_source_type_id": null
}
```

11

CHAPTER

Disaster_Recovery Endpoints

Disaster_Recovery Endpoints | 1319

Disaster_Recovery Endpoints

SUMMARY

Use the references for REST API 16.0 disaster_recovery endpoints.

IN THIS SECTION

- [GET /disaster_recovery/ariel_copy_profiles | 1319](#)
- [POST /disaster_recovery/ariel_copy_profiles | 1322](#)
- [DELETE /disaster_recovery/ariel_copy_profiles/{id} | 1329](#)
- [GET /disaster_recovery/ariel_copy_profiles/{id} | 1330](#)
- [POST /disaster_recovery/ariel_copy_profiles/{id} | 1334](#)

GET /disaster_recovery/ariel_copy_profiles

SUMMARY

Retrieves a list of the Ariel Copy Profiles.

Retrieves a list of the Ariel Copy Profiles.

Table 1324: GET /disaster_recovery/ariel_copy_profiles resource details

GET /disaster_recovery/ariel_copy_profiles resource details

MIME Type

application/json

Table 1325: GET /disaster_recovery/ariel_copy_profiles request parameter details

GET /disaster_recovery/ariel_copy_profiles request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1326: GET /disaster_recovery/ariel_copy_profiles response codes

GET /disaster_recovery/ariel_copy_profiles response codes

HTTP Response Code	Unique Code	Description
200		The list of Ariel Copy Profiles was retrieved.
500	1000	An error occurred during the attempt to retrieve the list of Ariel Copy profiles.

Response Description

A list of Ariel Copy profile objects containing the following fields:

- **id** - Long - The ID of the Ariel Copy Profile.
- **host_id** - Long - The ID of the Ariel Copy host. The host_id references the /config/deployment/hosts endpoint.

- **destination_port** - Long - The port of the managed host over which the Ariel data is sent.
- **destination_host_ip** - String - The IP address of the managed host where the Ariel data is sent.
- **exclude_event_retention_bucket_ids** - Array[Long] - The ID of the event retention bucket where events are not copied from. The `exclude_event_retention_bucket_id` references the `/config/event_retention_buckets` endpoint.
- **exclude_flow_retention_bucket_ids** - Array[Long] - The ID of the flow retention bucket where flow data is not copied from. The `exclude_flow_retention_bucket_id` references the `/config/flow_retention_buckets` endpoint.
- **bandwidth_limit** - Long - The amount to limit the bandwidth in bytes per second for copying data.
- **enabled** - Boolean - Whether Ariel Copy is enabled on the host. The `enabled` field is set to `false` by default
- **frequency** - Long - The frequency, in milliseconds, that Ariel Copy will run.
- **start_date** - Long - The date to start copying Ariel data from.
- **end_date** - Long - The date to copy Ariel data up until.
- **last_successful_transfer_ariel_type** - Enum - The type of Ariel data transferred during most recent successful transfer. Can be one of: `EVENTS_PAYLOAD`, `EVENTS_RECORD`, `EVENTS_MD`, `FLows_PAYLOAD`, `FLows_RECORD`, `FLows_MD`
- **last_successful_ariel_content_transferred** - Long - The date of the Ariel content transferred during most recent successful transfer
- **last_successful_transfer_date** - Long - The date the most recent successful transfer occurred
- **last_error_ariel_type** - String - The type of Ariel data attempted transferred during most recent error, Can be one of: `EVENTS_PAYLOAD`, `EVENTS_RECORD`, `EVENTS_MD`, `FLows_PAYLOAD`, `FLows_RECORD`, `FLows_MD`
- **last_error_ariel_content_transferred** - Long - The type of Ariel data attempted to be transferred during last unsuccessful transfer
- **last_error_date** - Long - The date the most recent error occurred
- **last_error_max_threshold_surpassed_date** - Long - The most recent date Ariel copy was forced to abort due to error threshold being surpassed

Response Sample

```
[
  {
    "bandwidth_limit": 42,
    "destination_host_ip": "String",
    "destination_port": 42,
    "enabled": true,
    "end_date": 42,
    "exclude_event_retention_bucket_ids": [
      42
    ],
    "exclude_flow_retention_bucket_ids": [
      42
    ],
    "frequency": 42,
    "host_id": 42,
    "id": 42,
    "last_error_ariel_content_transferred": 42,
    "last_error_ariel_type": "String <one of: EVENTS_PAYLOAD, EVENTS_RECORD, EVENTS_MD,
    FLOWS_PAYLOAD, FLOWS_RECORD, FLOWS_MD>",
    "last_error_date": 42,
    "last_error_max_threshold_surpassed_date": 42,
    "last_successful_ariel_content_transferred": 42,
    "last_successful_transfer_ariel_type": "String <one of: EVENTS_PAYLOAD, EVENTS_RECORD,
    EVENTS_MD, FLOWS_PAYLOAD, FLOWS_RECORD, FLOWS_MD>",
    "last_successful_transfer_date": 42,
    "start_date": 42
  }
]
```

POST /disaster_recovery/ariel_copy_profiles

SUMMARY

Creates a new Ariel Copy Profile.

Creates a new Ariel Copy Profile.

Table 1327: POST /disaster_recovery/ariel_copy_profiles resource details

POST /disaster_recovery/ariel_copy_profiles resource details

MIME Type

application/json

Table 1328: POST /disaster_recovery/ariel_copy_profiles request parameter details

POST /disaster_recovery/ariel_copy_profiles request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1329: POST /disaster_recovery/ariel_copy_profiles request body details

POST /disaster_recovery/ariel_copy_profiles request body details

Parameter	Data Type	MIME Type	Description	Sample
arielCopyProfileDTO	Object	application/json	<p>Required. A single Ariel Copy Profile object that has the following modifiable fields:</p> <ul style="list-style-type: none"> • host_id - Required - Long - The ID of the Ariel Copy host. The host_id references the /config/deployment/hosts endpoint. • destination_host_ip - Required - String - The IP address of the managed host where the Ariel data is sent. • destination_port - Long - The port of the managed host over which the Ariel data is sent. • exclude_event_retention_bucket_ids - Array[Long] - The ID of the event retention bucket where events are not copied from. The exclude_event_retention_bucket_id references the /config/event_retention_buckets endpoint. • exclude_flow_retention_bucket_ids - Array[Long] - The ID of the flow retention bucket where flow data is not copied from. The exclude_flow_retention_bucket_id references the /config/ 	<pre>{ "destination_host_ip": "123.123.123.0", "destination_port": 2222, "end_date": 1572490800000, "exclude_flow_retention_bucket_ids": [1, 3, 5], "bandwidth_limit": 1000, "host_id": 53, "id": 1, "start_date": 1572404400000, "enabled": true, "frequency": 60000, "exclude_event_retention_bucket_ids": [2, 4, 6] }</pre>

Table 1329: POST /disaster_recovery/ariel_copy_profiles request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>flow_retention_buckets endpoint.</p> <ul style="list-style-type: none"> • bandwidth_limit - Long - The amount to limit the bandwidth in bytes per second for copying data. • enabled - Boolean - Whether Ariel Copy is enabled on the host. The enabled field is set to false by default • frequency - Long - The frequency, in milliseconds, that Ariel Copy will run. • start_date - Long - The date to start copying Ariel data from. • end_date - Long - The date to copy Ariel data up until. <p>Any other set fields will be ignored.</p>	

Table 1330: POST /disaster_recovery/ariel_copy_profiles response codes

POST /disaster_recovery/ariel_copy_profiles response codes

HTTP Response Code	Unique Code	Description
201		The Ariel Copy Profile was created.
404	1001	The Resource that was requested by the provided id does not exist.

Table 1330: POST /disaster_recovery/ariel_copy_profiles response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1002	A request parameter is not valid.
422	1003	The 'destination_host_ip' is not a valid IP.
422	1004	The 'retention_bucket_id' does not exist.
422	1005	The 'bandwidth_limit' parameter is invalid.
422	1006	The 'host_id' parameter is not a valid host.
422	1007	The 'frequency' parameter is invalid.
422	1008	The 'start_date' parameter is invalid.
422	1009	The 'end_date' parameter is invalid.
422	1010	The 'start_date' parameter is invalid.
422	1011	The 'end_date' parameter is invalid.
422	1012	The 'end_date' can not be before the 'start_date'.
422	1013	The 'port' parameter is invalid.
422	1014	The 'host_id' parameter already exists.
500	1000	An error occurred during the attempt to create the Ariel Copy Profile.

Response Description

The Ariel Copy Profile object containing the following fields:

- **id** - Long - The ID of the Ariel Copy Profile.
- **host_id** - Long - The ID of the Ariel Copy host. The `host_id` references the `/config/deployment/hosts` endpoint.
- **destination_host_ip** - String - The IP address of the managed host where the Ariel data is sent.
- **destination_port** - Long - The port of the managed host over which the Ariel data is sent.
- **exclude_event_retention_bucket_ids** - Array[Long] - The ID of the event retention bucket where events are not copied from. The `exclude_event_retention_bucket_id` references the `/config/event_retention_buckets` endpoint.
- **exclude_flow_retention_bucket_ids** - Array[Long] - The ID of the flow retention bucket where flow data is not copied from. The `exclude_flow_retention_bucket_id` references the `/config/flow_retention_buckets` endpoint.
- **bandwidth_limit** - Long - The amount to limit the bandwidth in bytes per second for copying data.
- **enabled** - Boolean - Whether Ariel Copy is enabled on the host. The `enabled` field is set to `false` by default.
- **frequency** - Long - The frequency, in milliseconds, that Ariel Copy will run.
- **start_date** - Long - The date to start copying Ariel data from.
- **end_date** - Long - The date to copy Ariel data up until.
- **last_successful_transfer_ariel_type** - Enum - The type of Ariel data transferred during most recent successful transfer. Can be one of: `EVENTS_PAYLOAD`, `EVENTS_RECORD`, `EVENTS_MD`, `FLOWS_PAYLOAD`, `FLOWS_RECORD`, `FLOWS_MD`.
- **last_successful_ariel_content_transferred** - Long - The date of the Ariel content transferred during most recent successful transfer.
- **last_successful_transfer_date** - Long - The date the most recent successful transfer occurred.
- **last_error_ariel_type** - String - The type of Ariel data attempted transferred during most recent error. Can be one of: `EVENTS_PAYLOAD`, `EVENTS_RECORD`, `EVENTS_MD`, `FLOWS_PAYLOAD`, `FLOWS_RECORD`, `FLOWS_MD`.
- **last_error_ariel_content_transferred** - Long - The type of Ariel data attempted to be transferred during last unsuccessful transfer.

- **last_error_date** - Long - The date the most recent error occurred
- **last_error_max_threshold_surpassed_date** - Long - The most recent date Ariel copy was forced to abort due to error threshold being surpassed

Response Sample

```
{
  "bandwidth_limit": 42,
  "destination_host_ip": "String",
  "destination_port": 42,
  "enabled": true,
  "end_date": 42,
  "exclude_event_retention_bucket_ids": [
    42
  ],
  "exclude_flow_retention_bucket_ids": [
    42
  ],
  "frequency": 42,
  "host_id": 42,
  "id": 42,
  "last_error_ariel_content_transferred": 42,
  "last_error_ariel_type": "String <one of: EVENTS_PAYLOAD, EVENTS_RECORD, EVENTS_MD,
  FLOWS_PAYLOAD, FLOWS_RECORD, FLOWS_MD>",
  "last_error_date": 42,
  "last_error_max_threshold_surpassed_date": 42,
  "last_successful_ariel_content_transferred": 42,
  "last_successful_transfer_ariel_type": "String <one of: EVENTS_PAYLOAD, EVENTS_RECORD,
  EVENTS_MD, FLOWS_PAYLOAD, FLOWS_RECORD, FLOWS_MD>",
  "last_successful_transfer_date": 42,
  "start_date": 42
}
```

DELETE /disaster_recovery/ariel_copy_profiles/{id}

SUMMARY

Deletes a Ariel Copy Profile by ID.

Deletes a Ariel Copy Profile by ID.

Table 1331: DELETE /disaster_recovery/ariel_copy_profiles/{id} resource details

DELETE /disaster_recovery/ariel_copy_profiles/{id} resource details

MIME Type

text/plain

Table 1332: DELETE /disaster_recovery/ariel_copy_profiles/{id} request parameter details

DELETE /disaster_recovery/ariel_copy_profiles/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID for the Ariel Copy Profile to be deleted.

Table 1333: DELETE /disaster_recovery/ariel_copy_profiles/{id} response codes

DELETE /disaster_recovery/ariel_copy_profiles/{id} response codes

HTTP Response Code	Unique Code	Description
202		The Ariel Copy Profile was deleted.
404	1001	The Resource that was requested by the provided id does not exist.

Table 1333: DELETE /disaster_recovery/ariel_copy_profiles/{id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1000	An error occurred during the attempt to retrieve the list of Ariel Copy Profiles.

Response Description

Response Sample

GET /disaster_recovery/ariel_copy_profiles/{id}

SUMMARY

Retrieves a Ariel Copy Profile by ID.

Retrieves a Ariel Copy Profile by ID.

Table 1334: GET /disaster_recovery/ariel_copy_profiles/{id} resource details

GET /disaster_recovery/ariel_copy_profiles/{id} resource details

MIME Type

application/json

Table 1335: GET /disaster_recovery/ariel_copy_profiles/{id} request parameter details

GET /disaster_recovery/ariel_copy_profiles/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID for the Ariel Copy Profile to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1336: GET /disaster_recovery/ariel_copy_profiles/{id} response codes

GET /disaster_recovery/ariel_copy_profiles/{id} response codes

HTTP Response Code	Unique Code	Description
200		The Ariel Copy Profile was retrieved.
404	1001	The Resource that was requested by the provided id does not exist.
500	1000	An error occurred during the attempt to retrieve the Ariel Copy Profile.

Response Description

The Ariel Copy Profile object containing the following fields:

- **id** - Long - The ID of the Ariel Copy Profile.
- **host_id** - Long - The ID of the Ariel Copy host. The `host_id` references the `/config/deployment/hosts` endpoint.
- **destination_host_ip** - String - The IP address of the managed host where the Ariel data is sent.
- **destination_port** - Long - The port of the managed host over which the Ariel data is sent.
- **exclude_event_retention_bucket_ids** - Array[Long] - The ID of the event retention bucket where events are not copied from. The `exclude_event_retention_bucket_id` references the `/config/event_retention_buckets` endpoint.
- **exclude_flow_retention_bucket_ids** - Array[Long] - The ID of the flow retention bucket where flow data is not copied from. The `exclude_flow_retention_bucket_id` references the `/config/flow_retention_buckets` endpoint.
- **bandwidth_limit** - Long - The amount to limit the bandwidth in bytes per second for copying data.
- **enabled** - Boolean - Whether Ariel Copy is enabled on the host. The `enabled` field is set to `false` by default.
- **frequency** - Long - The frequency, in milliseconds, that Ariel Copy will run.
- **start_date** - Long - The date to start copying Ariel data from.
- **end_date** - Long - The date to copy Ariel data up until.
- **last_successful_transfer_ariel_type** - Enum - The type of Ariel data transferred during most recent successful transfer. Can be one of: `EVENTS_PAYLOAD`, `EVENTS_RECORD`, `EVENTS_MD`, `FLows_PAYLOAD`, `FLows_RECORD`, `FLows_MD`.
- **last_successful_ariel_content_transferred** - Long - The date of the Ariel content transferred during most recent successful transfer.
- **last_successful_transfer_date** - Long - The date the most recent successful transfer occurred.
- **last_error_ariel_type** - String - The type of Ariel data attempted transferred during most recent error. Can be one of: `EVENTS_PAYLOAD`, `EVENTS_RECORD`, `EVENTS_MD`, `FLows_PAYLOAD`, `FLows_RECORD`, `FLows_MD`.
- **last_error_ariel_content_transferred** - Long - The type of Ariel data attempted to be transferred during last unsuccessful transfer.

- **last_error_date** - Long - The date the most recent error occurred
- **last_error_max_threshold_surpassed_date** - Long - The most recent date Ariel copy was forced to abort due to error threshold being surpassed

Response Sample

```
{
  "bandwidth_limit": 42,
  "destination_host_ip": "String",
  "destination_port": 42,
  "enabled": true,
  "end_date": 42,
  "exclude_event_retention_bucket_ids": [
    42
  ],
  "exclude_flow_retention_bucket_ids": [
    42
  ],
  "frequency": 42,
  "host_id": 42,
  "id": 42,
  "last_error_ariel_content_transferred": 42,
  "last_error_ariel_type": "String <one of: EVENTS_PAYLOAD, EVENTS_RECORD, EVENTS_MD,
  FLOWS_PAYLOAD, FLOWS_RECORD, FLOWS_MD>",
  "last_error_date": 42,
  "last_error_max_threshold_surpassed_date": 42,
  "last_successful_ariel_content_transferred": 42,
  "last_successful_transfer_ariel_type": "String <one of: EVENTS_PAYLOAD, EVENTS_RECORD,
  EVENTS_MD, FLOWS_PAYLOAD, FLOWS_RECORD, FLOWS_MD>",
  "last_successful_transfer_date": 42,
  "start_date": 42
}
```

POST /disaster_recovery/ariel_copy_profiles/{id}

SUMMARY

Updates a Ariel Copy Profile by ID.

Updates a Ariel Copy Profile by ID.

Table 1337: POST /disaster_recovery/ariel_copy_profiles/{id} resource details

POST /disaster_recovery/ariel_copy_profiles/{id} resource details

MIME Type

application/json

Table 1338: POST /disaster_recovery/ariel_copy_profiles/{id} request parameter details

POST /disaster_recovery/ariel_copy_profiles/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID for the Ariel Copy Profile to be updated.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1339: POST /disaster_recovery/ariel_copy_profiles/{id} request body details

POST /disaster_recovery/ariel_copy_profiles/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
arielCopyProfileDTO	Object	application/json	<p>Required. A single Ariel Copy Profile object that has the following modifiable fields:</p> <ul style="list-style-type: none"> • host_id - Long - The ID of the Ariel Copy host. The host_id references the /config/deployment/hosts endpoint. • destination_host_ip - String - The IP address of the managed host where the Ariel data is sent. • destination_port - Long - The port of the managed host over which the Ariel data is sent. • exclude_event_retention_bucket_ids - Array[Long] - The ID of the event retention bucket where events are not copied from. The exclude_event_retention_bucket_id references the /config/event_retention_buckets endpoint. • exclude_flow_retention_bucket_ids - Array[Long] - The ID of the flow retention bucket where flow data is not copied from. The exclude_flow_retention_bucket_id references the /config/flow_retention_buckets endpoint. 	<pre>{ "destination_host_ip": "123.123.123.0", "destination_port": 2222, "end_date": 1572490800000, "exclude_flow_retention_bucket_ids": [1, 3, 5], "bandwidth_limit": 1000, "host_id": 53, "id": 1, "start_date": 1572404400000, "enabled": true, "frequency": 60000, "exclude_event_retention_bucket_ids": [2, 4, 6] }</pre>

Table 1339: POST /disaster_recovery/ariel_copy_profiles/{id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • bandwidth_limit - Long - The amount to limit the bandwidth in bytes per second for copying data. • enabled - Boolean - Whether Ariel Copy is enabled on the host. The enabled field is set to false by default • frequency - Long - The frequency, in milliseconds, that Ariel Copy will run. • start_date - Long - The date to start copying Ariel data from. • end_date - Long - The date to copy Ariel data up until. <p>Any other set fields will be ignored.</p>	

Table 1340: POST /disaster_recovery/ariel_copy_profiles/{id} response codes

POST /disaster_recovery/ariel_copy_profiles/{id} response codes

HTTP Response Code	Unique Code	Description
200		The Ariel Copy Profile was updated.
404	1001	The Resource that was requested by the provided id does not exist.
422	1002	A request parameter is not valid.

Table 1340: POST /disaster_recovery/ariel_copy_profiles/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1003	The 'destination_host_ip' is not a valid IP.
422	1004	The 'retention_bucket_id' does not exist.
422	1005	The 'bandwidth_limit' parameter is invalid.
422	1006	The 'host_id' parameter is not a valid host.
422	1007	The 'frequency' parameter is invalid.
422	1008	The 'start_date' parameter is invalid.
422	1009	The 'end_date' parameter is invalid.
422	1010	The 'start_date' parameter is invalid.
422	1011	The 'end_date' parameter is invalid.
422	1012	The 'end_date' can not be before the 'start_date'.
422	1013	The 'port' parameter is invalid.
422	1014	The 'host_id' parameter already exists.
500	1000	An error occurred during the attempt to update the Ariel Copy Profile.

Response Description

The Ariel Copy Profile object containing the following fields:

- **id** - Long - The ID of the Ariel Copy Profile.
- **host_id** - Long - The ID of the Ariel Copy host. The `host_id` references the `/config/deployment/hosts` endpoint.
- **destination_host_ip** - String - The IP address of the managed host where the Ariel data is sent.
- **destination_port** - Long - The port of the managed host over which the Ariel data is sent.
- **exclude_event_retention_bucket_ids** - Array[Long] - The ID of the event retention bucket where events are not copied from. The `exclude_event_retention_bucket_id` references the `/config/event_retention_buckets` endpoint.
- **exclude_flow_retention_bucket_ids** - Array[Long] - The ID of the flow retention bucket where flow data is not copied from. The `exclude_flow_retention_bucket_id` references the `/config/flow_retention_buckets` endpoint.
- **bandwidth_limit** - Long - The amount to limit the bandwidth in bytes per second for copying data.
- **enabled** - Boolean - Whether Ariel Copy is enabled on the host. The `enabled` field is set to `false` by default
- **frequency** - Long - The frequency, in milliseconds, that Ariel Copy will run.
- **start_date** - Long - The date to start copying Ariel data from.
- **end_date** - Long - The date to copy Ariel data up until.
- **last_successful_transfer_ariel_type** - Enum - The type of Ariel data transferred during most recent successful transfer. Can be one of: `EVENTS_PAYLOAD`, `EVENTS_RECORD`, `EVENTS_MD`, `FLows_PAYLOAD`, `FLows_RECORD`, `FLows_MD`
- **last_successful_ariel_content_transferred** - Long - The date of the Ariel content transferred during most recent successful transfer
- **last_successful_transfer_date** - Long - The date the most recent successful transfer occurred
- **last_error_ariel_type** - String - The type of Ariel data attempted transferred during most recent error, Can be one of: `EVENTS_PAYLOAD`, `EVENTS_RECORD`, `EVENTS_MD`, `FLows_PAYLOAD`, `FLows_RECORD`, `FLows_MD`
- **last_error_ariel_content_transferred** - Long - The type of Ariel data attempted to be transferred during last unsuccessful transfer
- **last_error_date** - Long - The date the most recent error occurred
- **last_error_max_threshold_surpassed_date** - Long - The most recent date Ariel copy was forced to abort due to error threshold being surpassed

Response Sample

```
{
  "bandwidth_limit": 42,
  "destination_host_ip": "String",
  "destination_port": 42,
  "enabled": true,
  "end_date": 42,
  "exclude_event_retention_bucket_ids": [
    42
  ],
  "exclude_flow_retention_bucket_ids": [
    42
  ],
  "frequency": 42,
  "host_id": 42,
  "id": 42,
  "last_error_ariel_content_transferred": 42,
  "last_error_ariel_type": "String <one of: EVENTS_PAYLOAD, EVENTS_RECORD, EVENTS_MD,
  FLOWS_PAYLOAD, FLOWS_RECORD, FLOWS_MD>",
  "last_error_date": 42,
  "last_error_max_threshold_surpassed_date": 42,
  "last_successful_ariel_content_transferred": 42,
  "last_successful_transfer_ariel_type": "String <one of: EVENTS_PAYLOAD, EVENTS_RECORD,
  EVENTS_MD, FLOWS_PAYLOAD, FLOWS_RECORD, FLOWS_MD>",
  "last_successful_transfer_date": 42,
  "start_date": 42
}
```

12

CHAPTER

Dynamic_Search Endpoints

Dynamic_Search Endpoints | 1341

Dynamic_Search Endpoints

SUMMARY

Use the references for REST API 16.0 dynamic_search endpoints.

IN THIS SECTION

- [GET /dynamic_search/saved_queries](#) | **1342**
- [POST /dynamic_search/saved_queries](#) | **1354**
- [DELETE /dynamic_search/saved_queries/{id}](#) | **1368**
- [GET /dynamic_search/saved_queries/{id}](#) | **1380**
- [GET /dynamic_search/schemas](#) | **1393**
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- [GET /dynamic_search/schemas/{name}/operators](#) | **1430**
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- [DELETE /dynamic_search/searches/{handle}](#) | **1466**
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- [GET /dynamic_search/searches/{handle}/results](#) | **1497**

GET /dynamic_search/saved_queries

SUMMARY

Returns a list of all queries to which the caller has access.

Returns a list of all queries to which the caller has access.

Table 1341: GET /dynamic_search/saved_queries resource details

GET /dynamic_search/saved_queries resource details

MIME Type

application/json

Table 1342: GET /dynamic_search/saved_queries request parameter details

GET /dynamic_search/saved_queries request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1342: GET /dynamic_search/saved_queries request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1343: GET /dynamic_search/saved_queries response codes

GET /dynamic_search/saved_queries response codes

HTTP Response Code	Unique Code	Description
200		A list of queries that the user has access to.

Response Description

A list of SavedQueryDTOs describing the Queries this user can use in searches.

- **id** - String - A UUID to serve as a unique identifier for the query. This field is read-only.
- **query** - String - The JSON representation of the query. This field is required.
- **name** - String - A descriptive name for the query to make it easier to recall. This field is required.
- **creation_time** - Long - The time in milliseconds since epoch that this query was created. This field is read-only.

Response Sample

```
{
  "name": "sampleQuery",
```

```

"id": "b0ace98d-0172-4830-997d-40498ade00e3",
"creation_time": 1583437712766,
"query": {
  "fields": [
    {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": {
        "argument": "Object",
        "left_filter": {
          "argument": "Object",
          "left_filter": {
            "argument": "Object",
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            },
            "parameter": "String"
          },
          "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
          },
          "parameter": "String",
          "right_filter": {
            "argument": "Object",
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            }
          }
        }
      }
    }
  ]
}

```

```

    },
    "parameter": "String"
  }
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
}
},
"function": {

```

```

    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
}
],
"filters": [
  {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {
        "aggregate": true,
        "argument_types": [
          {
            "position": 42,
            "type": "String"
          }
        ],
        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
      },
      "localized_name": "String",
      "semantic_type": "String"
    }
  ]
}

```

```

},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "left_filter": {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {

```

```

    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  },
  "contextual_type": "String",
  "data_type": "String",
  "filter": "Object",
  "function": {

```

```

    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String"
}
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  },
  "contextual_type": "String",
  "data_type": "String",
  "filter": "Object",

```

```
"function": {
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  "argument_types": [
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      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  },
  "contextual_type": "String",
  "data_type": "String",
  "filter": "Object",
  "function": {
    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ]
  },
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
```



```

"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
}

```

```

    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
}
],
"range": {
  "limit": 42,
  "offset": 42
},
"sorts": [
  {
    "direction": "String",
    "field": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": {
        "argument": "Object",
        "left_filter": {
          "argument": "Object",
          "left_filter": {
            "argument": "Object",
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            },
            "parameter": "String"
          },
          "parameter": "String"
        }
      ]
    }
  }
],

```

```
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
}
```

```

    "parameter": "String",
    "right_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    }
  },
  "function": {
    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
}
]
}
}

```

POST /dynamic_search/saved_queries

SUMMARY

Creates a query to be saved for use in dynamic searches. A query represents a request for data. Queries are not the same as searches, which are the results of a request for data. The benefit of saving a query is that it may be referenced in dynamic searches and can be reused.

Creates a query to be saved for use in dynamic searches. A query represents a request for data. Queries are not the same as searches, which are the results of a request for data. The benefit of saving a query is that it may be referenced in dynamic searches and can be reused.

Table 1344: POST /dynamic_search/saved_queries resource details

POST /dynamic_search/saved_queries resource details

MIME Type
application/json

Table 1345: POST /dynamic_search/saved_queries request body details

POST /dynamic_search/saved_queries request body details

Parameter	Data Type	MIME Type	Description	Sample
query	Object	application/json	The query to save.	{ "name": "sampleQuery", "query": "Please see the query example above" }

Table 1346: POST /dynamic_search/saved_queries response codes

POST /dynamic_search/saved_queries response codes

HTTP Response Code	Unique Code	Description
201		The query object created by the request.
409	5000	Caller has reached the maximum number of queries.
422	5002	The query must have a valid name.

Table 1346: POST /dynamic_search/saved_queries response codes *(Continued)*

HTTP Response Code	Unique Code	Description
422	1001	Error processing a supplied Field object (or one of its sub-objects).
422	1002	Error processing a supplied Filter object (or one of its sub-objects)
422	1003	Error processing a supplied Function object (or one of its sub-objects).
422	1004	Error processing a supplied Operator object (or one of its sub-objects).
422	1005	Error processing a supplied Range object (or one of its sub-objects).
422	1006	Error processing a supplied Sort object (or one of its sub-objects).
422	1007	Error combining elements of the Query object.
422	1012	A range was specified, but no sort provided

Response Description

The JSON representation of the query created by the request

- **id** - String - A UUID to serve as a unique identifier for the query. This field is read-only.
- **query** - String - The JSON representation of the query. This field is required.
- **name** - String - A descriptive name for the query to make it easier to recall. This field is required.
- **creation_time** - Long - The time in milliseconds since epoch that this query was created. This field is read-only.

Response Sample

```
{
  "name": "sampleQuery",
  "id": "b0ace98d-0172-4830-997d-40498ade00e3",
  "creation_time": 1583437712766,
  "query": {
    "fields": [
      {
        "argument_fields": [
          {
            "contextual_type": "String",
            "data_type": "String",
            "localized_name": "String",
            "semantic_type": "String"
          }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": {
          "argument": "Object",
          "left_filter": {
            "argument": "Object",
            "left_filter": {
              "argument": "Object",
              "operator": {
                "connective": "String <one of: AND, OR, NOT>",
                "data_type": "String",
                "localized_name": "String",
                "name": "String"
              },
              "parameter": "String"
            },
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            },
            "parameter": "String",
```

```

"right_filter": {
  "argument": "Object",
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",

```



```

        "name": "String"
      },
      "parameter": "String"
    }
  }
},
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
],
"filters": [
  {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {
        "aggregate": true,
        "argument_types": [
          {
            "position": 42,
            "type": "String"
          }
        ]
      }
    }
  }
]

```

```

    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "left_filter": {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",

```

```

        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",

```

```

        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",

```

```

        "localized_name": "String",
        "semantic_type": "String"
    }
],
"contextual_type": "String",
"data_type": "String",
"filter": "Object",
"function": {
    "aggregate": true,
    "argument_types": [
        {
            "position": 42,
            "type": "String"
        }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"left_filter": {
    "argument": {
        "argument_fields": [
            {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
            }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": "Object",
        "function": {
            "aggregate": true,
            "argument_types": [
                {
                    "position": 42,
                    "type": "String"
                }
            ]
        }
    ],

```

```

        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": {
        "argument_fields": [
            {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
            }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": "Object",
        "function": {
            "aggregate": true,
            "argument_types": [
                {
                    "position": 42,
                    "type": "String"
                }
            ]
        }
    ]
}

```

```

        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String"
}
}
},
"range": {
    "limit": 42,
    "offset": 42
},
"sorts": [
    {
        "direction": "String",
        "field": {
            "argument_fields": [
                {
                    "contextual_type": "String",
                    "data_type": "String",
                    "localized_name": "String",
                    "semantic_type": "String"
                }
            ],
            "contextual_type": "String",
            "data_type": "String",
            "filter": {
                "argument": "Object",
                "left_filter": {
                    "argument": "Object",
                    "left_filter": {
                        "argument": "Object",
                        "operator": {

```

```

        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": "Object",
    "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
}
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": "Object",
    "left_filter": {
        "argument": "Object",
        "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
        },
        "parameter": "String"
    }
}

```



```

    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String",
    "right_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    }
  }
},
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
}
]
}
}

```

DELETE /dynamic_search/saved_queries/{id}

SUMMARY

Removes the specified query from the system.

Removes the specified query from the system

Table 1347: DELETE /dynamic_search/saved_queries/{id} resource details

DELETE /dynamic_search/saved_queries/{id} resource details

MIME Type

text/plain

Table 1348: DELETE /dynamic_search/saved_queries/{id} request parameter details

DELETE /dynamic_search/saved_queries/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	The ID of the query to delete.

Table 1349: DELETE /dynamic_search/saved_queries/{id} response codes

DELETE /dynamic_search/saved_queries/{id} response codes

HTTP Response Code	Unique Code	Description
204		Successful delete.
404	5004	No query was found with the provided ID.

Response Description

Response Sample

```
{
  "name": "sampleQuery",
  "id": "b0ace98d-0172-4830-997d-40498ade00e3",
  "creation_time": 1583437712766,
  "query": {
    "fields": [
      {
        "argument_fields": [
          {
            "contextual_type": "String",
            "data_type": "String",
            "localized_name": "String",
            "semantic_type": "String"
          }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": {
          "argument": "Object",
          "left_filter": {
            "argument": "Object",
            "left_filter": {
              "argument": "Object",
              "operator": {
                "connective": "String <one of: AND, OR, NOT>",
                "data_type": "String",
                "localized_name": "String",
                "name": "String"
              },
              "parameter": "String"
            },
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
```

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    "data_type": "String",
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    "name": "String"
  },
  "parameter": "String",
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    "operator": {
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      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
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  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
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      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "parameter": "String"
},
"operator": {
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  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {

```

```

    "argument": "Object",
    "operator": {
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      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
}
},
"function": {
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  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
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  "name": "String",
  "return_data_type": "String"
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"semantic_type": "String"
}
],
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          "localized_name": "String",
          "semantic_type": "String"
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      "data_type": "String",
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      "function": {
        "aggregate": true,

```

```
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"return_data_type": "String"
},
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"semantic_type": "String"
},
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  "argument": {
    "argument_fields": [
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        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "left_filter": {
    "argument": {
```

```

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    "data_type": "String",
    "localized_name": "String",
    "semantic_type": "String"
  }
],
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"filter": "Object",
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"operator": {
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  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String"
},
"operator": {
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  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {

```

```

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        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
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    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {

```



```

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      "localized_name": "String",
      "semantic_type": "String"
    }
  ],
  "contextual_type": "String",
  "data_type": "String",
  "filter": "Object",
  "function": {
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    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
},
"left_filter": {
  "argument": {
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      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [

```

```

        {
            "position": 42,
            "type": "String"
        }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String"
},
"operator": {
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": {
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            {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
            }
        ]
    },
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
        "aggregate": true,
        "argument_types": [

```

```

        {
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            "type": "String"
        }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"operator": {
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String"
}
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"range": {
    "limit": 42,
    "offset": 42
},
"sorts": [
    {
        "direction": "String",
        "field": {
            "argument_fields": [
                {
                    "contextual_type": "String",
                    "data_type": "String",
                    "localized_name": "String",
                    "semantic_type": "String"
                }
            ],
            "contextual_type": "String",
            "data_type": "String",
            "filter": {
                "argument": "Object",

```

```

"left_filter": {
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  "left_filter": {
    "argument": "Object",
    "operator": {
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      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",

```

```

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        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": "Object",
    "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
}
}
},
"function": {
    "aggregate": true,
    "argument_types": [
        {
            "position": 42,
            "type": "String"
        }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
}
]

```

```
}
}
```

GET /dynamic_search/saved_queries/{id}

SUMMARY

Returns a single query with the specified ID. The caller must have access to the query.

Returns a single query with the specified ID. The caller must have access to the query.

Table 1350: GET /dynamic_search/saved_queries/{id} resource details

GET /dynamic_search/saved_queries/{id} resource details

MIME Type

application/json

Table 1351: GET /dynamic_search/saved_queries/{id} request parameter details

GET /dynamic_search/saved_queries/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	The ID of the query which is to be retrieved.

Table 1351: GET /dynamic_search/saved_queries/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1352: GET /dynamic_search/saved_queries/{id} response codes

GET /dynamic_search/saved_queries/{id} response codes

HTTP Response Code	Unique Code	Description
200		A single query with the specified ID.
404	5004	No query was found with the provided ID.
422	1015	Please provide correct field constraints

Response Description

A single SavedQueryDTO corresponding to the given UUID.

- **id** - String - A UUID to serve as a unique identifier for the query. This field is read-only.
- **query** - String - The JSON representation of the query. This field is required.
- **name** - String - A descriptive name for the query to make it easier to recall. This field is required.
- **creation_time** - Long - The time in milliseconds since epoch that this query was created. This field is read-only.

Response Sample

```
{
  "name": "sampleQuery",
  "id": "b0ace98d-0172-4830-997d-40498ade00e3",
  "creation_time": 1583437712766,
  "query": {
    "fields": [
      {
        "argument_fields": [
          {
            "contextual_type": "String",
            "data_type": "String",
            "localized_name": "String",
            "semantic_type": "String"
          }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": {
          "argument": "Object",
          "left_filter": {
            "argument": "Object",
            "left_filter": {
              "argument": "Object",
              "operator": {
                "connective": "String <one of: AND, OR, NOT>",
                "data_type": "String",
                "localized_name": "String",
                "name": "String"
              },
              "parameter": "String"
            },
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            },
            "parameter": "String",
```



```

"right_filter": {
  "argument": "Object",
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",

```

```

        "name": "String"
      },
      "parameter": "String"
    }
  }
},
"function": {
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  "argument_types": [
    {
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      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
],
"filters": [
  {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {
        "aggregate": true,
        "argument_types": [
          {
            "position": 42,
            "type": "String"
          }
        ]
      }
    }
  }
]

```

```

    ],
    "localized_name": "String",
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    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
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        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
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          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "left_filter": {
    "argument": {
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          "data_type": "String",
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```

```

        "semantic_type": "String"
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      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",

```

```

        "semantic_type": "String"
      }
    ],
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    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
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        }
      ],
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      "name": "String",
      "return_data_type": "String"
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    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
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    "name": "String"
  },
  "parameter": "String"
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  "localized_name": "String",
  "name": "String"
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"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",

```

```

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        "semantic_type": "String"
    }
],
"contextual_type": "String",
"data_type": "String",
"filter": "Object",
"function": {
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    "argument_types": [
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            "type": "String"
        }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"left_filter": {
    "argument": {
        "argument_fields": [
            {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
            }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": "Object",
        "function": {
            "aggregate": true,
            "argument_types": [
                {
                    "position": 42,
                    "type": "String"
                }
            ]
        }
    ],

```

```

        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
},
"operator": {
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": {
        "argument_fields": [
            {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
            }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": "Object",
        "function": {
            "aggregate": true,
            "argument_types": [
                {
                    "position": 42,
                    "type": "String"
                }
            ]
        }
    ]
}

```

```

        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
},
"operator": {
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String"
}
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        "field": {
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                    "localized_name": "String",
                    "semantic_type": "String"
                }
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            "data_type": "String",
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                "left_filter": {
                    "argument": "Object",
                    "left_filter": {
                        "argument": "Object",
                        "operator": {

```



```

        "connective": "String <one of: AND, OR, NOT>",
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        "localized_name": "String",
        "name": "String"
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    "parameter": "String"
},
"operator": {
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
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"parameter": "String",
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    "argument": "Object",
    "operator": {
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        "data_type": "String",
        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
}
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": "Object",
    "left_filter": {
        "argument": "Object",
        "operator": {
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            "data_type": "String",
            "localized_name": "String",
            "name": "String"
        },
        "parameter": "String"
    }
}

```

```

    },
    "operator": {
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      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
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      "operator": {
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        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    }
  }
},
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
}
]
}
}

```

GET /dynamic_search/schemas

SUMMARY

Gets the list of all schemas available to the user.

Gets the list of all schemas available to the user.

Table 1353: GET /dynamic_search/schemas resource details

GET /dynamic_search/schemas resource details

MIME Type

application/json

Table 1354: GET /dynamic_search/schemas request parameter details

GET /dynamic_search/schemas request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1354: GET /dynamic_search/schemas request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1355: GET /dynamic_search/schemas response codes

GET /dynamic_search/schemas response codes

HTTP Response Code	Unique Code	Description
200		A list of all schemas was retrieved.

Response Description

A list of SchemaDTOs describing the Schemas this user can use to build query requests.

- **name** - String - The unique name of the data area represented by this schema.
- **description** - String - A description of the schema.
- **sample_query** - A legal sample query that returns data from this schema.

Response Sample

```
[
  {
    "description": "String",
    "name": "String",
    "query": {
```

```

"fields": [
  {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": {
      "argument": "Object",
      "left_filter": {
        "argument": "Object",
        "left_filter": {
          "argument": "Object",
          "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
          },
          "parameter": "String"
        },
        "operator": {
          "connective": "String <one of: AND, OR, NOT>",
          "data_type": "String",
          "localized_name": "String",
          "name": "String"
        },
        "parameter": "String",
        "right_filter": {
          "argument": "Object",
          "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
          },
          "parameter": "String"
        }
      }
    }
  }
]

```

```

    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "left_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    },
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
}
},
"function": {
  "aggregate": true,
  "argument_types": [
    {

```

```

        "position": 42,
        "type": "String"
    }
],
"localized_name": "String",
"name": "String",
"return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
],
"filters": [
{
    "argument": {
        "argument_fields": [
            {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
            }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": "Object",
        "function": {
            "aggregate": true,
            "argument_types": [
                {
                    "position": 42,
                    "type": "String"
                }
            ],
            "localized_name": "String",
            "name": "String",
            "return_data_type": "String"
        },
        "localized_name": "String",
        "semantic_type": "String"
    },
    "left_filter": {
        "argument": {

```

```

"argument_fields": [
  {
    "contextual_type": "String",
    "data_type": "String",
    "localized_name": "String",
    "semantic_type": "String"
  }
],
"contextual_type": "String",
"data_type": "String",
"filter": "Object",
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  },
  "contextual_type": "String",
  "data_type": "String",
  "filter": "Object",
  "function": {
    "aggregate": true,
    "argument_types": [
      {

```



```

        "position": 42,
        "type": "String"
    }
],
"localized_name": "String",
"name": "String",
"return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": {
        "argument_fields": [
            {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
            }
        ]
    },
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
        "aggregate": true,
        "argument_types": [
            {

```

```

        "position": 42,
        "type": "String"
    }
],
"localized_name": "String",
"name": "String",
"return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String"
}
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": {
        "argument_fields": [
            {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
            }
        ]
    },
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
        "aggregate": true,
        "argument_types": [

```

```

    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",

```

```

        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": {
        "argument_fields": [
            {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
            }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": "Object",
        "function": {
            "aggregate": true,
            "argument_types": [
                {
                    "position": 42,
                    "type": "String"
                }
            ],
            "localized_name": "String",
            "name": "String",
            "return_data_type": "String"
        },
        "localized_name": "String",
        "semantic_type": "String"
    },
    "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",

```

```

        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
}
}
],
"range": {
    "limit": 42,
    "offset": 42
},
"sorts": [
    {
        "direction": "String",
        "field": {
            "argument_fields": [
                {
                    "contextual_type": "String",
                    "data_type": "String",
                    "localized_name": "String",
                    "semantic_type": "String"
                }
            ],
            "contextual_type": "String",
            "data_type": "String",
            "filter": {
                "argument": "Object",
                "left_filter": {
                    "argument": "Object",
                    "left_filter": {
                        "argument": "Object",
                        "operator": {
                            "connective": "String <one of: AND, OR, NOT>",
                            "data_type": "String",
                            "localized_name": "String",
                            "name": "String"
                        },
                        "parameter": "String"
                    },
                    "operator": {
                        "connective": "String <one of: AND, OR, NOT>",
                        "data_type": "String",

```

```

    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",

```

```

        "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
        },
        "parameter": "String"
    }
}
},
"function": {
    "aggregate": true,
    "argument_types": [
        {
            "position": 42,
            "type": "String"
        }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
}
]
}
}
]

```

GET /dynamic_search/schemas/{name}

SUMMARY

Gets the list of all schemas available to the user.

Gets a SchemaDTO describing the Schema the user requested.

Table 1356: GET /dynamic_search/schemas/{name} resource details

GET /dynamic_search/schemas/{name} resource details

MIME Type
application/json

Table 1357: GET /dynamic_search/schemas/{name} request parameter details

GET /dynamic_search/schemas/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1358: GET /dynamic_search/schemas/{name} response codes

GET /dynamic_search/schemas/{name} response codes

HTTP Response Code	Unique Code	Description
200		The Schema the user requested was retrieved.
404	1011	No schema with that name was found
500	1010	null

Response Description

The Schema the user requested.

- **name** - String - The unique name of the data area represented by this schema.
- **description** - String - A description of the schema.
- **sample_query** - A legal sample query that returns data from this schema.

Response Sample

```
[
  {
    "description": "String",
    "name": "String",
    "query": {
      "fields": [
        {
          "argument_fields": [
            {
              "contextual_type": "String",
              "data_type": "String",
              "localized_name": "String",
              "semantic_type": "String"
            }
          ],
          "contextual_type": "String",
          "data_type": "String",
          "filter": {
            "argument": "Object",
            "left_filter": {
              "argument": "Object",
              "left_filter": {
                "argument": "Object",
                "operator": {
                  "connective": "String <one of: AND, OR, NOT>",
                  "data_type": "String",
                  "localized_name": "String",
                  "name": "String"
                }
              }
            }
          }
        }
      ]
    }
  }
]
```

```

    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",

```

```

        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String",
    "right_filter": {
        "argument": "Object",
        "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
        },
        "parameter": "String"
    }
}
},
"function": {
    "aggregate": true,
    "argument_types": [
        {
            "position": 42,
            "type": "String"
        }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
],
"filters": [
    {
        "argument": {
            "argument_fields": [
                {
                    "contextual_type": "String",
                    "data_type": "String",
                    "localized_name": "String",
                    "semantic_type": "String"
                }
            ]
        }
    }
],

```

```
"contextual_type": "String",
"data_type": "String",
"filter": "Object",
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    }
  },
```

```

    "localized_name": "String",
    "semantic_type": "String"
  },
  "left_filter": {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {
        "aggregate": true,
        "argument_types": [
          {
            "position": 42,
            "type": "String"
          }
        ],
        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
      },
      "localized_name": "String",
      "semantic_type": "String"
    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",

```

```

    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {
        "aggregate": true,
        "argument_types": [
          {
            "position": 42,
            "type": "String"
          }
        ],
        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
      },
      "localized_name": "String",
      "semantic_type": "String"
    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",

```

```

    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {
        "aggregate": true,
        "argument_types": [
          {
            "position": 42,
            "type": "String"
          }
        ],
        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
      },
      "localized_name": "String",
      "semantic_type": "String"
    },
    "left_filter": {
      "argument": {
        "argument_fields": [
          {
            "contextual_type": "String",
            "data_type": "String",
            "localized_name": "String",
            "semantic_type": "String"
          }
        ],
        "contextual_type": "String",

```

```

    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  },
  "contextual_type": "String",

```



```

    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
}
],
"range": {
  "limit": 42,
  "offset": 42
},
"sorts": [
  {
    "direction": "String",
    "field": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ]
    }
  }
]

```

```

],
"contextual_type": "String",
"data_type": "String",
"filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "left_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {

```

```

    "argument": "Object",
    "left_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String",
    "right_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    }
  },
  "function": {
    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",

```

```

        "semantic_type": "String"
      }
    }
  ]
}
]

```

GET /dynamic_search/schemas/{name}/fields

SUMMARY

Gets the list of all available Fields

Gets the list of all available Fields

Table 1359: GET /dynamic_search/schemas/{name}/fields resource details

GET /dynamic_search/schemas/{name}/fields resource details

MIME Type

application/json

Table 1360: GET /dynamic_search/schemas/{name}/fields request parameter details

GET /dynamic_search/schemas/{name}/fields request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	null

Table 1360: GET /dynamic_search/schemas/{name}/fields request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1361: GET /dynamic_search/schemas/{name}/fields response codes

GET /dynamic_search/schemas/{name}/fields response codes

HTTP Response Code	Unique Code	Description
200		A list of Fields was retrieved.
404	1011	No schema with that name was found
500	1010	null

Response Description

The list of all available Fields.

- **localized_name** - String - The localized name for this simple field.
- **data_type** - String - The dataType for this operator. One of (STRING, INTEGER, DOUBLE, BOOLEAN, IPADDRESS, CIDR, DATESTAMP, UUID).
- **semantic_type** - String - The type that describes what kind of data this is. (e.g. HOSTNAME, MACADDRESS, SOURCE_IP)
- **contextual_type** - String - The type that describes that specifically is in this field. (e.g. ASSET_HOSTNAME, OFFENSE_ATTACKER_IP)
- **child** - Field structure - The argument for the supplied function.
- **function** - Function structure - The function for the supplied argument.

Response Sample

```
[
  {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": {
      "argument": {
        "argument_fields": [
          {
            "contextual_type": "String",
            "data_type": "String",
            "localized_name": "String",
            "semantic_type": "String"
          }
        ]
      }
    }
  }
]
```

```

    }
  ],
  "contextual_type": "String",
  "data_type": "String",
  "filter": "Object",
  "function": {
    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",

```

```
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameters": [
    "String"
  ]
},
```



```

"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameters": [
  "String"
],
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
}

```

```

    "parameters": [
      "String"
    ]
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameters": [
    "String"
  ],
  "right_filter": {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {
        "aggregate": true,
        "argument_types": [
          {
            "position": 42,
            "type": "String"
          }
        ]
      },
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "left_filter": {

```

```

"argument": {
  "argument_fields": [
    {
      "contextual_type": "String",
      "data_type": "String",
      "localized_name": "String",
      "semantic_type": "String"
    }
  ],
  "contextual_type": "String",
  "data_type": "String",
  "filter": "Object",
  "function": {
    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameters": [
  "String"
]
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},

```

```

"parameters": [
  "String"
],
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameters": [
    "String"
  ]
}
},

```

```

"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
]

```

GET /dynamic_search/schemas/{name}/functions

SUMMARY

Gets the list of all available Functions

Gets the list of all available Functions

Table 1362: GET /dynamic_search/schemas/{name}/functions resource details

GET /dynamic_search/schemas/{name}/functions resource details

MIME Type

application/json

Table 1363: GET /dynamic_search/schemas/{name}/functions request parameter details

GET /dynamic_search/schemas/{name}/functions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	null
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1364: GET /dynamic_search/schemas/{name}/functions response codes

GET /dynamic_search/schemas/{name}/functions response codes

HTTP Response Code	Unique Code	Description
200		A list of Functions was retrieved.
404	1011	No schema with that name was found
500	1010	null

Response Description

The list of all available Functions.

- **name** - String - The canonical name for this function.
- **localized_name** - String - The localized name for this function.
- **aggregate** - Boolean - A flag which indicates whether this function is an aggregating function (like COUNT) or a non-aggregating function (like STRLEN).
- **return_data_type** - String - A string representation of the return data type of this function. (eg. STRING, INTEGER).
- **argument_types** - List of Objects - An ordered list of the input types for this function. At present these are all data types.

Response Sample

```
[
  {
    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  }
]
```

GET /dynamic_search/schemas/{name}/operators

SUMMARY

Gets the list of all available relational Operators

Gets the list of all available relational Operators

Table 1365: GET /dynamic_search/schemas/{name}/operators resource details

GET /dynamic_search/schemas/{name}/operators resource details

MIME Type

application/json

Table 1366: GET /dynamic_search/schemas/{name}/operators request parameter details

GET /dynamic_search/schemas/{name}/operators request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	null
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1366: GET /dynamic_search/schemas/{name}/operators request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1367: GET /dynamic_search/schemas/{name}/operators response codes

GET /dynamic_search/schemas/{name}/operators response codes

HTTP Response Code	Unique Code	Description
200		A list of Operator was retrieved.
404	1011	No schema with that name was found
500	1010	null

Response Description

The list of all available Operator.

- **name** - String - The canonical name that uniquely identifies this operator.
- **localized_name** - String - The localized name for this operator.
- **data_type** - String - The dataType for this operator. One of (STRING, INTEGER, DOUBLE, BOOLEAN, IPADDRESS, CIDR, DATESTAMP, UUID).
- **connective** - String - The logical operator for this operator. One of (AND, OR, NOT).

Response Sample

```
[
  {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  }
]
```

GET /dynamic_search/searches

SUMMARY

Gets the list of all searches performed by this user.

Gets the list of all searches performed by this user.

Table 1368: GET /dynamic_search/searches resource details

GET /dynamic_search/searches resource details

MIME Type

application/json

Table 1369: GET /dynamic_search/searches request parameter details

GET /dynamic_search/searches request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1370: GET /dynamic_search/searches response codes

GET /dynamic_search/searches response codes

HTTP Response Code	Unique Code	Description
200		A list of searches that the user has made.
422	1015	Please provide correct field constraints

Response Description

The list of searches that the user has made

- **handle** - String - The unique, server-generated UUID that represents this search.
- **status** - String - The current status of this search, one of (POSTED, QUEUED, RUNNING, DONE, or ERROR)
- **search_type** - String - The type of this search, one of (SYNCH or ASYNCH). Defaults to ASYNCH.
- **storage_type** - String - The storage type of this search, one of (NONE, COLD, or HOT). Legal combos with search_type are SYNCH/NONE, ASYNCH/COLD, or ASYNCH/HOT. Defaults to COLD.
- **retention** - The date/time info related to this search.
 - **creation_date** - Long - The date and time that this search was posted, in milliseconds since the epoch.
 - **last_accessed_date** - Long - The date and time that the results for this search were last accessed, in milliseconds since the epoch.
 - **expires_at** - Long - The date and time until which that this search will be kept, in milliseconds since the epoch.
 - **retain_duration** - Long - The number of milliseconds (counting from creation_date) to keep this search and the associated results.
- **description** - String - A user-supplied freeform string used to store identifying or descriptive information. It has no effect on search execution.
- **header** - An explanation of the structure of the results below. Can not filter on this.
 - **columns** - A description of the returned columns
 - **field** - One of the fields requested in this search.
 - **column_name** - String - The name of the column variable that contains that field. Always of the form "columnN".
- **query** - The query that created this search. Can not filter on this.
 - **fields** - A list of the fields which specifies the columns returned by this search.
 - **filters** - A list of the conditions that will filter the row returned by this search
 - **argument** - The argument field for this filter.
 - **parameters** - A list of string parameters for this filter.
 - **operator** - The operator for this filter. Must be a value returned from the Operators endpoint or a valid logical operator (AND, OR, NOT).
 - **left_filter** - The left child of the complex filter case. Must be not-null if operator is (AND or OR) and null otherwise.

- **right_filter** - The right child of the complex filter case. Must be not-null if operator is (AND, OR or NOT) and null otherwise.
- **sorts** - An ordered list of the Sorts (each a Field plus a direction (ASC/DESC)) that should be applied to the results of this search
 - **field** - The field on which to apply sorting.
 - **direction** - String - The direction of the sort (must be one of ASC/DESC).
- **range** - A specification of the limit and offset that should be applied to the results returned by this search. If a range is specified, at least one sort must also be specified.
 - **limit** - Integer - The non-negative number of results to return.
 - **offset** - Integer - The non-negative position at which to begin returning results.
- **results** - The list of results returned by this search.
 - **columns** - Contains a map of columns and their values, both as strings.
- **columns** - Contains a map of columns and their values, both as strings.

Response Sample

```
[
  {
    "description": "String",
    "handle": "String",
    "header": {
      "columns": [
        {
          "column_name": "String",
          "field": {
            "argument_fields": [
              {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
              }
            ]
          }
        }
      ],
      "contextual_type": "String",

```

```

"data_type": "String",
"filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "left_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String",
    "right_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    }
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "left_filter": {

```

```

    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
}
},
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}

```

```

    }
  ]
},
"query": {
  "fields": [
    {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": {
        "argument": "Object",
        "left_filter": {
          "argument": "Object",
          "left_filter": {
            "argument": "Object",
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            },
            "parameter": "String"
          },
          "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
          },
          "parameter": "String",
          "right_filter": {
            "argument": "Object",
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",

```



```

        "name": "String"
      },
      "parameter": "String"
    }
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "left_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String",
    "right_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    }
  }
},

```

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"function": {
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  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
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  "name": "String",
  "return_data_type": "String"
},
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"semantic_type": "String"
}
],
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          "semantic_type": "String"
        }
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```

```

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          "semantic_type": "String"
        }
      ],
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        ],
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        "name": "String",
        "return_data_type": "String"
      },
      "localized_name": "String",
      "semantic_type": "String"
    },
    "left_filter": {
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            "localized_name": "String",
            "semantic_type": "String"
          }
        ],
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        "data_type": "String",
        "filter": "Object",

```

```

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  "name": "String",
  "return_data_type": "String"
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"semantic_type": "String"
},
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  "localized_name": "String",
  "name": "String"
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"parameter": "String"
},
"operator": {
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  "localized_name": "String",
  "name": "String"
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        "semantic_type": "String"
      }
    ]
  },
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  "data_type": "String",
  "filter": "Object",

```

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      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
},
"operator": {
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  "localized_name": "String",
  "name": "String"
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"parameter": "String",
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  "argument": {
    "argument_fields": [
      {
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        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  },
  "contextual_type": "String",
  "data_type": "String",

```

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    }
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  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"left_filter": {
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        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
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    "data_type": "String",
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    "function": {
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      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
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      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
```

```

    },
    "operator": {
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      "name": "String"
    },
  },
  "parameter": "String"
},
"operator": {
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  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
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    "argument_fields": [
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        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
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    "data_type": "String",
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    "function": {
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      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  }
}

```

```

    },
    "operator": {
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      "name": "String"
    },
    "parameter": "String"
  }
}
],
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  "offset": 42
},
"sorts": [
  {
    "direction": "String",
    "field": {
      "argument_fields": [
        {
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          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
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      "contextual_type": "String",
      "data_type": "String",
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        "left_filter": {
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          "left_filter": {
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            "operator": {
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              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            },
            "parameter": "String"
          },
          "parameter": "String"
        }
      }
    }
  }
]

```



```

},
"operator": {
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  "data_type": "String",
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  "operator": {
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
},
"operator": {
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  "data_type": "String",
  "localized_name": "String",
  "name": "String"
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  "left_filter": {
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      "name": "String"
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    "parameter": "String"
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},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
}

```

```

    },
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    "right_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
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        "name": "String"
      },
      "parameter": "String"
    }
  },
  "function": {
    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
}
]
},
"retention": {
  "creation_date": 42,
  "expires_at": 42,
  "last_accessed_date": 42,
  "retain_duration": 42
},
"search_type": "String <one of: SYNCH, ASYNCH>",
"status": "String <one of: DONE, ERROR, QUEUED>"
}
]

```

POST /dynamic_search/searches

SUMMARY

Posts a search to be performed by the service.

Posts a search to be performed by the service.

Table 1371: POST /dynamic_search/searches resource details

POST /dynamic_search/searches resource details

MIME Type

application/json

Table 1372: POST /dynamic_search/searches request body details

POST /dynamic_search/searches request body details

Parameter	Data Type	MIME Type	Description	Sample
search	Object	application/json	null	{ "query":"Coming soon!" }

Table 1373: POST /dynamic_search/searches response codes

POST /dynamic_search/searches response codes

HTTP Response Code	Unique Code	Description
201		A list of searches that the user has made.
422	1001	Error processing a supplied Field object (or one of its sub-objects).
422	1002	Error processing a supplied Filter object (or one of its sub-objects)

Table 1373: POST /dynamic_search/searches response codes *(Continued)*

HTTP Response Code	Unique Code	Description
422	1003	Error processing a supplied Function object (or one of its sub-objects).
422	1004	Error processing a supplied Operator object (or one of its sub-objects).
422	1005	Error processing a supplied Range object (or one of its sub-objects).
422	1006	Error processing a supplied Sort object (or one of its sub-objects).
422	1007	Error combining elements of the Query object.
422	1011	No Schema was found that match the posted Query.
422	1012	null
422	1013	Don't specify a retain_duration and an expires_at time. Provide one, and the other will be automatically computed.
422	1014	Retention must be positive or Expiration time must be in the future
422	1017	A range was not specified when required
422	1028	null
500	1010	null
500	1020	null

Response Description

An handle for the newly posted search.

- **handle** - String - The unique, server-generated UUID that represents this search.
- **status** - String - The current status of this search, one of (POSTED, QUEUED, RUNNING, DONE, or ERROR)
- **search_type** - String - The type of this search, one of (SYNCH or ASYNCH). Defaults to ASYNCH.
- **storage_type** - String - The storage type of this search, one of (NONE, COLD, or HOT). Legal combos with search_type are SYNCH/NONE, ASYNCH/COLD, or ASYNCH/HOT. Defaults to COLD.
- **retention** - The date/time info related to this search.
 - **creation_date** - Long - The date and time that this search was posted, in milliseconds since the epoch.
 - **last_accessed_date** - Long - The date and time that the results for this search were last accessed, in milliseconds since the epoch.
 - **expires_at** - Long - The date and time until which that this search will be kept, in milliseconds since the epoch.
 - **retain_duration** - Long - The number of milliseconds (counting from creation_date) to keep this search and the associated results.
- **description** - String - A user-supplied freeform string used to store identifying or descriptive information. It has no effect on search execution.
- **header** - An explanation of the structure of the results below.
 - **columns** - A description of the returned columns
 - **field** - One of the fields requested in this search.
 - **column_name** - String - The name of the column variable that contains that field. Always of the form "columnN".
- **query** - The query that created this search.
 - **fields** - A list of the fields which specifies the columns returned by this search.
 - **filters** - A list of the conditions that will filter the row returned by this search
 - **argument** - The argument field for this filter.
 - **parameters** - A list of string parameters for this filter.

- **operator** - The operator for this filter. Must be a value returned from the Operators endpoint or a valid logical operator (AND, OR, NOT).
- **left_filter** - The left child of the complex filter case. Must be not-null if operator is (AND or OR) and null otherwise.
- **right_filter** - The right child of the complex filter case. Must be not-null if operator is (AND, OR or NOT) and null otherwise.
- **sorts** - An ordered list of the Sorts (each a Field plus a direction (ASC/DESC)) that should be applied to the results of this search
 - **field** - The field on which to apply sorting.
 - **direction** - String - The direction of the sort (must be one of ASC/DESC).
- **range** - A specification of the limit and offset that should be applied to the results returned by this search. If a range is specified, at least one sort must also be specified.
 - **limit** - Integer - The non-negative number of results to return.
 - **offset** - Integer - The non-negative position at which to begin returning results.
- **results** - The list of results returned by this search.
 - **columns** - Contains a map of columns and their values, both as strings.

Response Sample

```
[
  {
    "description": "String",
    "handle": "String",
    "header": {
      "columns": [
        {
          "column_name": "String",
          "field": {
            "argument_fields": [
              {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
```

```

        "semantic_type": "String"
    }
],
"contextual_type": "String",
"data_type": "String",
"filter": {
    "argument": "Object",
    "left_filter": {
        "argument": "Object",
        "left_filter": {
            "argument": "Object",
            "operator": {
                "connective": "String <one of: AND, OR, NOT>",
                "data_type": "String",
                "localized_name": "String",
                "name": "String"
            },
            "parameter": "String"
        },
        "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
        },
        "parameter": "String",
        "right_filter": {
            "argument": "Object",
            "operator": {
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                "data_type": "String",
                "localized_name": "String",
                "name": "String"
            },
            "parameter": "String"
        }
    },
    "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},

```

```

"parameter": "String",
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      "data_type": "String",
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      "name": "String"
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    "parameter": "String"
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  "operator": {
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    "data_type": "String",
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    "name": "String"
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    "operator": {
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      "name": "String"
    },
    "parameter": "String"
  }
},
"function": {
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  "argument_types": [
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      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
}

```



```

    },
    "localized_name": "String",
    "semantic_type": "String"
  }
}
],
},
"query": {
  "fields": [
    {
      "argument_fields": [
        {
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          "data_type": "String",
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          "semantic_type": "String"
        }
      ],
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      "data_type": "String",
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              "name": "String"
            },
          },
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        },
        "operator": {
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          "name": "String"
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        "parameter": "String",
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          "argument": "Object",

```



```
        "parameter": "String"
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    }
  },
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          "data_type": "String",
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          "semantic_type": "String"
        }
      ]
    },
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    "function": {
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      "argument_types": [
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          "type": "String"
        }
      ]
    },
    "localized_name": "String",
```

```

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  "localized_name": "String",
  "semantic_type": "String"
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"left_filter": {
  "argument": {
    "argument_fields": [
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        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
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          "position": 42,
          "type": "String"
        }
      ],
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      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "left_filter": {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ]
    }
  }
}

```

```

    ],
    "contextual_type": "String",
    "data_type": "String",
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      "argument_types": [
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  "name": "String"
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        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  }
}

```

```

    ],
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      "argument_types": [
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          "type": "String"
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      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
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"operator": {
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  "data_type": "String",
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  "name": "String"
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"parameter": "String",
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        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  }
}

```

```

    }
  ],
  "contextual_type": "String",
  "data_type": "String",
  "filter": "Object",
  "function": {
    "aggregate": true,
    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
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    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
},
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        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
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    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",

```

```

        "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
},
"operator": {
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": {
        "argument_fields": [
            {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
            }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": "Object",
        "function": {
            "aggregate": true,
            "argument_types": [
                {
                    "position": 42,
                    "type": "String"
                }
            ],
            "localized_name": "String",
            "name": "String",

```



```

        "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String"
}
}
},
"range": {
    "limit": 42,
    "offset": 42
},
"sorts": [
    {
        "direction": "String",
        "field": {
            "argument_fields": [
                {
                    "contextual_type": "String",
                    "data_type": "String",
                    "localized_name": "String",
                    "semantic_type": "String"
                }
            ],
            "contextual_type": "String",
            "data_type": "String",
            "filter": {
                "argument": "Object",
                "left_filter": {
                    "argument": "Object",
                    "left_filter": {
                        "argument": "Object",
                        "operator": {
                            "connective": "String <one of: AND, OR, NOT>",
                            "data_type": "String",

```

```

        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": "Object",
    "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
}
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": "Object",
    "left_filter": {
        "argument": "Object",
        "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
        },
        "parameter": "String"
    },
    "parameter": "String"
},
"operator": {

```

```

        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String",
    "right_filter": {
        "argument": "Object",
        "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
        },
        "parameter": "String"
    }
}
},
"function": {
    "aggregate": true,
    "argument_types": [
        {
            "position": 42,
            "type": "String"
        }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
}
],
},
"retention": {
    "creation_date": 42,
    "expires_at": 42,
    "last_accessed_date": 42,
    "retain_duration": 42
},
"search_type": "String <one of: SYNCH, ASYNCH>",

```

```

    "status": "String <one of: DONE, ERROR, QUEUED>"
  }
]

```

DELETE /dynamic_search/searches/{handle}

SUMMARY

Deletes a search and any stored results.

Deletes a search and any stored results.

Table 1374: DELETE /dynamic_search/searches/{handle} resource details

DELETE /dynamic_search/searches/{handle} resource details

MIME Type

text/plain

Table 1375: DELETE /dynamic_search/searches/{handle} request parameter details

DELETE /dynamic_search/searches/{handle} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
handle	path	Required	String	text/plain	The handle which uniquely identifies this search.

Table 1376: DELETE /dynamic_search/searches/{handle} response codes

DELETE /dynamic_search/searches/{handle} response codes

HTTP Response Code	Unique Code	Description
204		Successful delete.
404	1024	No search was found with the provided handle
422	1040	null
500	1060	null

Response Description

Response Sample

```
[
  {
    "description": "String",
    "handle": "String",
    "header": {
      "columns": [
        {
          "column_name": "String",
          "field": {
            "argument_fields": [
              {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
              }
            ]
          }
        }
      ],
      "contextual_type": "String",
    }
  }
]
```

```

"data_type": "String",
"filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "left_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String",
    "right_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    }
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "left_filter": {

```

```

    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
}
},
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}

```

```

    }
  ]
},
"query": {
  "fields": [
    {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": {
        "argument": "Object",
        "left_filter": {
          "argument": "Object",
          "left_filter": {
            "argument": "Object",
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            },
            "parameter": "String"
          },
          "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
          },
          "parameter": "String",
          "right_filter": {
            "argument": "Object",
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",

```



```

        "name": "String"
      },
      "parameter": "String"
    }
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "left_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String",
    "right_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    }
  }
},

```

```
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
],
"filters": [
  {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {
        "aggregate": true,
        "argument_types": [
          {
            "position": 42,
            "type": "String"
          }
        ],
        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
      },
      "localized_name": "String",
```

```

    "semantic_type": "String"
  },
  "left_filter": {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {
        "aggregate": true,
        "argument_types": [
          {
            "position": 42,
            "type": "String"
          }
        ],
        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
      },
      "localized_name": "String",
      "semantic_type": "String"
    },
    "left_filter": {
      "argument": {
        "argument_fields": [
          {
            "contextual_type": "String",
            "data_type": "String",
            "localized_name": "String",
            "semantic_type": "String"
          }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": "Object",

```

```

"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  },
  "contextual_type": "String",
  "data_type": "String",
  "filter": "Object",

```

```

    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  },
  "contextual_type": "String",
  "data_type": "String",

```

```

"filter": "Object",
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  }
}

```

```

    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
  },
  "parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  }
}

```

```

    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
}
],
"range": {
  "limit": 42,
  "offset": 42
},
"sorts": [
  {
    "direction": "String",
    "field": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": {
        "argument": "Object",
        "left_filter": {
          "argument": "Object",
          "left_filter": {
            "argument": "Object",
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            },
            "parameter": "String"
          },
          "parameter": "String"
        },
        "parameter": "String"
      }
    }
  }
]

```



```

},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
}

```

```

    },
    "parameter": "String",
    "right_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    }
  }
},
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
]
},
"retention": {
  "creation_date": 42,
  "expires_at": 42,
  "last_accessed_date": 42,
  "retain_duration": 42
},
"search_type": "String <one of: SYNCH, ASYNCH>",
"status": "String <one of: DONE, ERROR, QUEUED>"
}
]

```

GET /dynamic_search/searches/{handle}

SUMMARY

Gets the specific search performed by this user.

Gets the specific search performed by this user.

Table 1377: GET /dynamic_search/searches/{handle} resource details

GET /dynamic_search/searches/{handle} resource details

MIME Type

application/json

Table 1378: GET /dynamic_search/searches/{handle} request parameter details

GET /dynamic_search/searches/{handle} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
handle	path	Required	String	text/plain	The handle which uniquely identifies this search.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1379: GET /dynamic_search/searches/{handle} response codes

GET /dynamic_search/searches/{handle} response codes

HTTP Response Code	Unique Code	Description
200		A list of searches that the user has made.
404	1024	No search was found with the provided handle
422	1015	Please provide correct field constraints

Response Description

The specific search performed by this user.

- **handle** - String - The unique, server-generated UUID that represents this search.
- **status** - String - The current status of this search, one of (POSTED, QUEUED, RUNNING, DONE, or ERROR)
- **search_type** - String - The type of this search, one of (SYNCH or ASYNCH). Defaults to ASYNCH.
- **storage_type** - String - The storage type of this search, one of (NONE, COLD, or HOT). Legal combos with search_type are SYNCH/NONE, ASYNCH/COLD, or ASYNCH/HOT. Defaults to COLD.
- **retention** - The date/time info related to this search.
 - **creation_date** - Long - The date and time that this search was posted, in milliseconds since the epoch.
 - **last_accessed_date** - Long - The date and time that the results for this search were last accessed, in milliseconds since the epoch.
 - **expires_at** - Long - The date and time until which that this search will be kept, in milliseconds since the epoch.
 - **retain_duration** - Long - The number of milliseconds (counting from creation_date) to keep this search and the associated results.
- **description** - String - A user-supplied freeform string used to store identifying or descriptive information. It has no effect on search execution.
- **header** - An explanation of the structure of the results below. Can not filter on this.
 - **columns** - A description of the returned columns

- **field** - One of the fields requested in this search.
- **column_name** - String - The name of the column variable that contains that field. Always of the form "columnN".
- **query** - The query that created this search. Can not filter on this.
 - **fields** - A list of the fields which specifies the columns returned by this search.
 - **filters** - A list of the conditions that will filter the row returned by this search
 - **argument** - The argument field for this filter.
 - **parameters** - A list of string parameters for this filter.
 - **operator** - The operator for this filter. Must be a value returned from the Operators endpoint or a valid logical operator (AND, OR, NOT).
 - **left_filter** - The left child of the complex filter case. Must be not-null if operator is (AND or OR) and null otherwise.
 - **right_filter** - The right child of the complex filter case. Must be not-null if operator is (AND, OR or NOT) and null otherwise.
- **sorts** - An ordered list of the Sorts (each a Field plus a direction (ASC/DESC)) that should be applied to the results of this search
 - **field** - The field on which to apply sorting.
 - **direction** - String - The direction of the sort (must be one of ASC/DESC).
- **range** - A specification of the limit and offset that should be applied to the results returned by this search. If a range is specified, at least one sort must also be specified.
 - **limit** - Integer - The non-negative number of results to return.
 - **offset** - Integer - The non-negative position at which to begin returning results.
- **results** - The list of results returned by this search.
 - **columns** - Contains a map of columns and their values, both as strings.

Response Sample

```
[
  {
```

```

"description": "String",
"handle": "String",
"header": {
  "columns": [
    {
      "column_name": "String",
      "field": {
        "argument_fields": [
          {
            "contextual_type": "String",
            "data_type": "String",
            "localized_name": "String",
            "semantic_type": "String"
          }
        ],
        "contextual_type": "String",
        "data_type": "String",
        "filter": {
          "argument": "Object",
          "left_filter": {
            "argument": "Object",
            "left_filter": {
              "argument": "Object",
              "operator": {
                "connective": "String <one of: AND, OR, NOT>",
                "data_type": "String",
                "localized_name": "String",
                "name": "String"
              },
            },
            "parameter": "String"
          },
          "operator": {
            "connective": "String <one of: AND, OR, NOT>",
            "data_type": "String",
            "localized_name": "String",
            "name": "String"
          },
          "parameter": "String",
          "right_filter": {
            "argument": "Object",
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",

```

```

        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
}
},
"operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
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            "name": "String"
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        "parameter": "String"
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    "operator": {
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        "name": "String"
    },
    "parameter": "String",
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            "data_type": "String",
            "localized_name": "String",
            "name": "String"
        },
        "parameter": "String"
    }
}
}
}

```

```

    },
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  }
}
]
},
"query": {
  "fields": [
    {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": {
        "argument": "Object",
        "left_filter": {
          "argument": "Object",
          "left_filter": {
            "argument": "Object",
            "operator": {
              "connective": "String <one of: AND, OR, NOT>",
              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            }
          }
        }
      }
    }
  ]
}

```



```

    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
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    "operator": {
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      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
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  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
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      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",

```

```

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            "name": "String"
        },
        "parameter": "String"
    }
}
},
"function": {
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    "argument_types": [
        {
            "position": 42,
            "type": "String"
        }
    ],
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    "name": "String",
    "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
],
"filters": [
    {
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            "argument_fields": [
                {
                    "contextual_type": "String",
                    "data_type": "String",
                    "localized_name": "String",
                    "semantic_type": "String"
                }
            ]
        }
    }
],

```

```

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"function": {
  "aggregate": true,
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    {
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    }
  ],
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  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
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        "semantic_type": "String"
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```

```

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        {
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          "semantic_type": "String"
        }
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        "argument_types": [
          {
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        "name": "String",
        "return_data_type": "String"
      },
      "localized_name": "String",
      "semantic_type": "String"
    },
    "operator": {
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      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "operator": {
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    "data_type": "String",
    "localized_name": "String",

```

```

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      "argument_fields": [
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          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
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      "data_type": "String",
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        "argument_types": [
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            "type": "String"
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        "name": "String",
        "return_data_type": "String"
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      "localized_name": "String",
      "semantic_type": "String"
    },
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      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",

```

```

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      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
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      "data_type": "String",
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      "function": {
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        "argument_types": [
          {
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            "type": "String"
          }
        ],
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        "name": "String",
        "return_data_type": "String"
      },
      "localized_name": "String",
      "semantic_type": "String"
    },
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          {
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            "data_type": "String",
            "localized_name": "String",
            "semantic_type": "String"
          }
        ],
        "contextual_type": "String",

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```

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        }
      ],
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      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
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    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
},
"operator": {
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  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  },
  "contextual_type": "String",

```

```

    "data_type": "String",
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      "argument_types": [
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        }
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      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
}
],
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  "limit": 42,
  "offset": 42
},
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  {
    "direction": "String",
    "field": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ]
    }
  }
]

```



```

],
"contextual_type": "String",
"data_type": "String",
"filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "left_filter": {
      "argument": "Object",
      "operator": {
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        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    },
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String",
    "right_filter": {
      "argument": "Object",
      "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
      },
      "parameter": "String"
    }
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {

```

```

"argument": "Object",
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  "operator": {
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    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
},
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  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
}
}
},
"function": {
  "aggregate": true,
  "argument_types": [
    {
      "position": 42,
      "type": "String"
    }
  ],
  "localized_name": "String",
  "name": "String",
  "return_data_type": "String"
},
"localized_name": "String",

```

```

        "semantic_type": "String"
      }
    }
  ],
},
"retention": {
  "creation_date": 42,
  "expires_at": 42,
  "last_accessed_date": 42,
  "retain_duration": 42
},
"search_type": "String <one of: SYNCH, ASYNCH>",
"status": "String <one of: DONE, ERROR, QUEUED>"
}
]

```

GET /dynamic_search/searches/{handle}/results

SUMMARY

Gets the specific search performed by this user.

Gets the specific search performed by this user.

Table 1380: GET /dynamic_search/searches/{handle}/results resource details

GET /dynamic_search/searches/{handle}/results resource details

MIME Type

application/json

Table 1381: GET /dynamic_search/searches/{handle}/results request parameter details

GET /dynamic_search/searches/{handle}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
handle	path	Required	String	text/plain	null
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1382: GET /dynamic_search/searches/{handle}/results response codes

GET /dynamic_search/searches/{handle}/results response codes

HTTP Response Code	Unique Code	Description
200		A list of searches that the user has made.
403	1090	null
404	1024	No search was found with the provided handle
404	1080	null
422	1150	null
500	1099	null

Table 1382: GET /dynamic_search/searches/{handle}/results response codes (Continued)

HTTP Response Code	Unique Code	Description
500	2010	null

Response Description

A List of ResultRowDTOs, with a column structure that matches the one described in the corresponding ResultHeader object

- **columns** - Contains a map of columns and their values, both as strings.

Response Sample

```
[
  {
    "description": "String",
    "handle": "String",
    "header": {
      "columns": [
        {
          "column_name": "String",
          "field": {
            "argument_fields": [
              {
                "contextual_type": "String",
                "data_type": "String",
                "localized_name": "String",
                "semantic_type": "String"
              }
            ]
          }
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": {
```

```

"argument": "Object",
"left_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "operator": {
    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
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      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {

```

```

        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
},
"operator": {
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    "data_type": "String",
    "localized_name": "String",
    "name": "String"
},
"parameter": "String",
"right_filter": {
    "argument": "Object",
    "operator": {
        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
}
}
},
"function": {
    "aggregate": true,
    "argument_types": [
        {
            "position": 42,
            "type": "String"
        }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
}
}
]

```

```

},
"query": {
  "fields": [
    {
      "argument_fields": [
        {
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          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": {
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        "left_filter": {
          "argument": "Object",
          "left_filter": {
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            "operator": {
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              "name": "String"
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            "parameter": "String"
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            "name": "String"
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          "parameter": "String",
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            "operator": {
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              "data_type": "String",
              "localized_name": "String",
              "name": "String"
            }
          }
        }
      }
    }
  ]
}

```



```

        "parameter": "String"
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},
"operator": {
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        "name": "String"
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            "data_type": "String",
            "localized_name": "String",
            "name": "String"
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        "parameter": "String"
    }
}
},
"function": {
    "aggregate": true,

```

```

    "argument_types": [
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    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
}
],
"filters": [
  {
    "argument": {
      "argument_fields": [
        {
          "contextual_type": "String",
          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
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      "function": {
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        "argument_types": [
          {
            "position": 42,
            "type": "String"
          }
        ],
        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
      },
      "localized_name": "String",
      "semantic_type": "String"
    },

```

```

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        "semantic_type": "String"
      }
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    "data_type": "String",
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          "type": "String"
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      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
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      "argument_fields": [
        {
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          "data_type": "String",
          "localized_name": "String",
          "semantic_type": "String"
        }
      ],
      "contextual_type": "String",
      "data_type": "String",
      "filter": "Object",
      "function": {
        "aggregate": true,

```

```

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        "type": "String"
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    "name": "String",
    "return_data_type": "String"
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  "semantic_type": "String"
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  "data_type": "String",
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"operator": {
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    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,

```

```

    "argument_types": [
      {
        "position": 42,
        "type": "String"
      }
    ],
    "localized_name": "String",
    "name": "String",
    "return_data_type": "String"
  },
  "localized_name": "String",
  "semantic_type": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String"
}
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ]
  },
  "contextual_type": "String",
  "data_type": "String",
  "filter": "Object",
  "function": {

```

```
"aggregate": true,
"argument_types": [
  {
    "position": 42,
    "type": "String"
  }
],
"localized_name": "String",
"name": "String",
"return_data_type": "String"
},
"localized_name": "String",
"semantic_type": "String"
},
"left_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {
```

```

    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": {
    "argument_fields": [
      {
        "contextual_type": "String",
        "data_type": "String",
        "localized_name": "String",
        "semantic_type": "String"
      }
    ],
    "contextual_type": "String",
    "data_type": "String",
    "filter": "Object",
    "function": {
      "aggregate": true,
      "argument_types": [
        {
          "position": 42,
          "type": "String"
        }
      ],
      "localized_name": "String",
      "name": "String",
      "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
  },
  "operator": {

```

```

        "connective": "String <one of: AND, OR, NOT>",
        "data_type": "String",
        "localized_name": "String",
        "name": "String"
    },
    "parameter": "String"
}
}
},
"range": {
    "limit": 42,
    "offset": 42
},
"sorts": [
    {
        "direction": "String",
        "field": {
            "argument_fields": [
                {
                    "contextual_type": "String",
                    "data_type": "String",
                    "localized_name": "String",
                    "semantic_type": "String"
                }
            ],
            "contextual_type": "String",
            "data_type": "String",
            "filter": {
                "argument": "Object",
                "left_filter": {
                    "argument": "Object",
                    "left_filter": {
                        "argument": "Object",
                        "operator": {
                            "connective": "String <one of: AND, OR, NOT>",
                            "data_type": "String",
                            "localized_name": "String",
                            "name": "String"
                        },
                    },
                    "parameter": "String"
                },
            },
            "operator": {

```



```

    "connective": "String <one of: AND, OR, NOT>",
    "data_type": "String",
    "localized_name": "String",
    "name": "String"
  },
  "parameter": "String",
  "right_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  }
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",
"right_filter": {
  "argument": "Object",
  "left_filter": {
    "argument": "Object",
    "operator": {
      "connective": "String <one of: AND, OR, NOT>",
      "data_type": "String",
      "localized_name": "String",
      "name": "String"
    },
    "parameter": "String"
  },
  "parameter": "String"
},
"operator": {
  "connective": "String <one of: AND, OR, NOT>",
  "data_type": "String",
  "localized_name": "String",
  "name": "String"
},
"parameter": "String",

```

```

        "right_filter": {
            "argument": "Object",
            "operator": {
                "connective": "String <one of: AND, OR, NOT>",
                "data_type": "String",
                "localized_name": "String",
                "name": "String"
            },
            "parameter": "String"
        }
    },
    "function": {
        "aggregate": true,
        "argument_types": [
            {
                "position": 42,
                "type": "String"
            }
        ],
        "localized_name": "String",
        "name": "String",
        "return_data_type": "String"
    },
    "localized_name": "String",
    "semantic_type": "String"
}
]
},
"retention": {
    "creation_date": 42,
    "expires_at": 42,
    "last_accessed_date": 42,
    "retain_duration": 42
},
"search_type": "String <one of: SYNCH, ASYNCH>",
"status": "String <one of: DONE, ERROR, QUEUED>"
}
]

```

13

CHAPTER

GUI_App_Framework Endpoints

[GUI_App_Framework Endpoints](#) | 1514

GUI_App_Framework Endpoints

SUMMARY

Use the references for REST API 16.0 GUI_app_framework endpoints.

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- [POST /gui_app_framework/application_creation_task/{application_id} | 1524](#)
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GET /gui_app_framework/application_creation_task

SUMMARY

Retrieves the status of all application installs.

Retrieves the status of all application installs.

Table 1383: GET /gui_app_framework/application_creation_task resource details

GET /gui_app_framework/application_creation_task resource details

MIME Type

application/json

Table 1384: GET /gui_app_framework/application_creation_task request parameter details

GET /gui_app_framework/application_creation_task request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1385: GET /gui_app_framework/application_creation_task response codes

GET /gui_app_framework/application_creation_task response codes

HTTP Response Code	Unique Code	Description
200		Status list was retrieved.
409	33700	The application framework is currently disabled.
500	1020	The request could not be completed.

Response Description

A list of installation status details. For a description of what each list entry contains, see /application_creation_task/{application_id}.

Response Sample

```
[
  {
    "application_id": 42,
    "error_messages": "String",
    "error_messages_json": [
      {
        "code": "String",
        "message": "String",
        "source": "String"
      }
    ],
    "status": "String <one of: CREATING, UPGRADING, STOPPING, STARTING, AUTH_REQUIRED, COMPLETED, CANCELLED, DELETING, ERROR, UNKNOWN>"
  }
]
```

```
}
]
```

POST /gui_app_framework/application_creation_task

SUMMARY

Installs a new application.

Initiates the asynchronous installation of a new application within the Application framework.

The returned application identifier should be used in subsequent API calls for that application.

Table 1386: POST /gui_app_framework/application_creation_task resource details

POST /gui_app_framework/application_creation_task resource details

MIME Type

application/json

Table 1387: POST /gui_app_framework/application_creation_task request parameter details

POST /gui_app_framework/application_creation_task request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1388: POST /gui_app_framework/application_creation_task request body details

POST /gui_app_framework/application_creation_task request body details

Parameter	Data Type	MIME Type	Description	Sample
package	zip	application/zip	Required - A zip file that contains the application's manifest and source code files.	null

Table 1389: POST /gui_app_framework/application_creation_task response codes

POST /gui_app_framework/application_creation_task response codes

HTTP Response Code	Unique Code	Description
201		The installation of the application was initiated successfully.
409	33700	The application framework is currently disabled.
422	33004	This application can only be installed on an app host.
422	33102	The application zip file structure is invalid. Check that required folders are present.
422	33103	The manifest.json file is missing from the application zip file.
422	33104	The application manifest.json file does not conform to the manifest schema.
422	33105	The application manifest.json file contains duplicate keys.
422	33106	An error occurred while parsing the manifest.json file from the application zip file.
422	33201	An error occurred while processing the application RPM/Python dependencies.

Table 1389: POST /gui_app_framework/application_creation_task response codes (Continued)

HTTP Response Code	Unique Code	Description
422	33300	The UUID in the application manifest.json file is already in use by another app.
422	33302	The application requested more memory than is currently available.
422	33303	The application manifest.json file contains an unsupported OAuth flow type.
422	33304	The application manifest.json file requested an invalid OAuth capability.
422	33307	The application manifest.json file contains an invalid required_capabilities entry.
422	33308	The manifest.json file has REST methods which aren't defined in the rest_methods field.
422	33403	The application image supplied is not supported.
422	33704	The application is not supported on this JSA release.
422	1005	null
500	33100	The uploaded application zip file could not be saved to disk.
500	33101	An error occurred while reading the application zip file.
500	33202	An error occurred while generating the application Dockerfile.
500	33204	An error occurred while loading the application sacrosanct files list.

Table 1389: POST /gui_app_framework/application_creation_task response codes (Continued)

HTTP Response Code	Unique Code	Description
500	33305	The updated application manifest.json file could not be saved to disk.
500	33306	An error occurred while parsing the copy of the app manifest stored in the database.
500	1020	The request could not be completed.

Response Description

Installation status details:

- **application_id** - Integer - Application identifier.
- **status** - String
 - CREATING - the install is in progress.
 - AUTH_REQUIRED - the install is waiting for a response to an authorisation request. See /application_creation_task/{application_id}/auth for details.

Response Sample

```
{
  "application_id": 42,
  "error_messages": "String",
  "error_messages_json": [
    {
      "code": "String",
      "message": "String",
      "source": "String"
    }
  ]
}
```

```

    ],
    "status": "String <one of: CREATING, UPGRADING, STOPPING, STARTING, AUTH_REQUIRED,
COMPLETED, CANCELLED, DELETING, ERROR, UNKNOWN>"
}

```

GET /gui_app_framework/application_creation_task/{application_id}

SUMMARY

Retrieves the status of an application install.

Retrieves the status of an application install.

Table 1390: GET /gui_app_framework/application_creation_task/{application_id} resource details

GET /gui_app_framework/application_creation_task/{application_id} resource details

MIME Type

application/json

Table 1391: GET /gui_app_framework/application_creation_task/{application_id} request parameter details

GET /gui_app_framework/application_creation_task/{application_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_id	path	Required	Number (Integer)	text/plain	Required - The application identifier.

Table 1391: GET /gui_app_framework/application_creation_task/{application_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1392: GET /gui_app_framework/application_creation_task/{application_id} response codes

GET /gui_app_framework/application_creation_task/{application_id} response codes

HTTP Response Code	Unique Code	Description
200		Status was retrieved.
404	1002	The application identifier could not be found.
409	33700	The application framework is currently disabled.
500	1020	The request could not be completed.

Response Description

Installation status details:

- **application_id** - Integer - Application identifier.
- **status** - String
 - CREATING - the install has not yet completed.
 - CANCELLED - the install has been cancelled.

- COMPLETED - the install has completed.
- ERROR - the install failed. The reason is in error_messages.
- AUTH_REQUIRED - the install is waiting for a response to an authorisation request. See / application_creation_task/{application_id}/auth for details.
- **error_messages** - String - Error messages, if status is ERROR.

Response Sample

```
{
  "application_id": 42,
  "error_messages": "String",
  "error_messages_json": [
    {
      "code": "String",
      "message": "String",
      "source": "String"
    }
  ],
  "status": "String <one of: CREATING, UPGRADING, STOPPING, STARTING, AUTH_REQUIRED,
  COMPLETED, CANCELLED, DELETING, ERROR, UNKNOWN>"
}
```

POST /gui_app_framework/application_creation_task/{application_id}

SUMMARY

Cancels an application install.

Cancels the installation of an application within the Application framework.

Table 1393: POST /gui_app_framework/application_creation_task/{application_id} resource details

POST /gui_app_framework/application_creation_task/{application_id} resource details

MIME Type
application/json

Table 1394: POST /gui_app_framework/application_creation_task/{application_id} request parameter details

POST /gui_app_framework/application_creation_task/{application_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_id	path	Required	Number (Integer)	text/plain	Required - The application identifier.
status	query	Required	String	text/plain	Required - "CANCELLED".
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1395: POST /gui_app_framework/application_creation_task/{application_id} response codes

POST /gui_app_framework/application_creation_task/{application_id} response codes

HTTP Response Code	Unique Code	Description
200		The application installation was cancelled.
404	1002	The application identifier could not be found.

Table 1395: POST /gui_app_framework/application_creation_task/{application_id} response codes
(Continued)

HTTP Response Code	Unique Code	Description
409	33000	The current state of the application does not allow the requested action.
409	33700	The application framework is currently disabled.
422	33501	An invalid value was supplied for the status parameter.
500	1020	The request could not be completed.

Response Description

Installation status details:

- **application_id** - Integer - Application identifier.
- **status** - String - "CANCELLED".

Response Sample

```
{
  "application_id": 42,
  "error_messages": "String",
  "error_messages_json": [
    {
      "code": "String",
      "message": "String",
      "source": "String"
    }
  ],
  "status": "String <one of: CREATING, UPGRADING, STOPPING, STARTING, AUTH_REQUIRED,
```



```
COMPLETED, CANCELLED, DELETING, ERROR, UNKNOWN>"
}
```

GET /gui_app_framework/application_creation_task/{application_id}/auth

SUMMARY

Retrieves an authorisation request for an application install.

Retrieves an authorisation request for an application install.

Table 1396: GET /gui_app_framework/application_creation_task/{application_id}/auth resource details

GET /gui_app_framework/application_creation_task/{application_id}/auth resource details

MIME Type

application/json

Table 1397: GET /gui_app_framework/application_creation_task/{application_id}/auth request parameter details

GET /gui_app_framework/application_creation_task/{application_id}/auth request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_id	path	Required	Number (Integer)	text/plain	Required - The application identifier.

Table 1397: GET /gui_app_framework/application_creation_task/{application_id}/auth request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1398: GET /gui_app_framework/application_creation_task/{application_id}/auth response codes

GET /gui_app_framework/application_creation_task/{application_id}/auth response codes

HTTP Response Code	Unique Code	Description
200		Authorisation request was retrieved.
404	1002	The application identifier could not be found, or no authorisation request exists for the given application identifier.
409	33700	The application framework is currently disabled.
500	1020	The request could not be completed.

Response Description

Authorisation request details:

- **capabilities** - Array of String - List of capabilities being requested.

Response Sample

```
{
  "capabilities": ["SEM", "EventViewer"]
}
```

POST /gui_app_framework/application_creation_task/{application_id}/auth

SUMMARY

Responds to an authorisation request for an application install.

Responds to an authorisation request for an application install.

The GET operation on /application_creation_task/{application_id}/auth returns the capabilities that were requested by the app. You must supply the ID of a user that has these capabilities.

Table 1399: POST /gui_app_framework/application_creation_task/{application_id}/auth resource details

POST /gui_app_framework/application_creation_task/{application_id}/auth resource details

MIME Type

application/json

Table 1400: POST /gui_app_framework/application_creation_task/{application_id}/auth request parameter details

POST /gui_app_framework/application_creation_task/{application_id}/auth request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_id	path	Required	Number (Integer)	text/plain	Required - The application identifier.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1401: POST /gui_app_framework/application_creation_task/{application_id}/auth request body details

POST /gui_app_framework/application_creation_task/{application_id}/auth request body details

Parameter	Data Type	MIME Type	Description	Sample
authorisation	Object	application/json	Required - The granted authorisation: <ul style="list-style-type: none"> user_id - Long - user ID to be associated with this application. 	{ "user_id": 1 }

Table 1402: POST /gui_app_framework/application_creation_task/{application_id}/auth response codes

POST /gui_app_framework/application_creation_task/{application_id}/auth response codes

HTTP Response Code	Unique Code	Description
200		Authorisation was granted.
404	1002	The application identifier could not be found, or no authorisation request exists for the given application identifier.

Table 1402: POST /gui_app_framework/application_creation_task/{application_id}/auth response codes (Continued)

HTTP Response Code	Unique Code	Description
409	33602	The supplied OAuth user does not have the capabilities required by the application.
409	33700	The application framework is currently disabled.
422	33601	The supplied OAuth user does not exist.
500	33306	An error occurred while parsing the copy of the app manifest stored in the database.
500	1020	The request could not be completed.

Response Description

Confirmation of the granted authorisation:

- **capabilities** - Array of String - List of requested capabilities.
- **user_id** - Long - Associated user ID.

Response Sample

```
{
  "capabilities": ["SEM", "EventViewer"],
  "user_id": 1
}
```

GET /gui_app_framework/application_definitions

SUMMARY

Retrieve list of application definitions.

Retrieves a list of all application definitions.

Retrieved details include the application definition manifest and current status.

Table 1403: GET /gui_app_framework/application_definitions resource details

GET /gui_app_framework/application_definitions resource details

MIME Type

application/json

Table 1404: GET /gui_app_framework/application_definitions request parameter details

GET /gui_app_framework/application_definitions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1404: GET /gui_app_framework/application_definitions request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1405: GET /gui_app_framework/application_definitions response codes

GET /gui_app_framework/application_definitions response codes

HTTP Response Code	Unique Code	Description
200		Application definition list was retrieved.
409	33700	The application framework is currently disabled.
500	1020	The request could not be completed.

Response Description

A list of application definition details. For a description of what each list entry contains, see GET /application_definitions/{application_definition_id}.

Response Sample

[

```
{
  "application_definition_id": 42,
  "created_by": "String",
  "created_on": 42,
  "error_messages": "String",
  "error_messages_json": [
    {
      "code": "String",
      "message": "String",
      "source": "String"
    }
  ],
  "image": "String",
  "manifest": {
    "app_id": 42,
    "areas": [
      {
        "description": "String",
        "id": "String",
        "named_service": "String",
        "required_capabilities": [
          "String"
        ],
        "text": "String",
        "url": "String"
      }
    ],
    "authentication": {
      "oauth2": {
        "authorization_flow": "String",
        "requested_capabilities": [
          "String"
        ]
      }
    }
  },
  "configuration_pages": [
    {
      "description": "String",
      "icon": "String",
      "named_service": "String",
      "required_capabilities": [
        "String"
      ]
    }
  ],
}
```



```
        "text": "String",
        "url": "String"
    }
],
"console_ip": "String",
"custom_columns": [
    {
        "label": "String",
        "named_service": "String",
        "page_id": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_endpoint": "String"
    }
],
"dashboard_items": [
    {
        "description": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_method": "String",
        "text": "String"
    }
],
"dependencies": {
    "pip_directory": "String",
    "rpms_directory": "String"
},
"description": "String",
"environment_variables": [
    {
        "name": "String",
        "value": "String"
    }
],
"fragments": [
    {
        "app_name": "String",
        "location": "String",
        "named_service": "String",
        "page_id": "String",
```

```
        "required_capabilities": [
            "String"
        ],
        "rest_endpoint": "String"
    }
],
"gui_actions": [
    {
        "description": "String",
        "groups": [
            "String"
        ],
        "icon": "String",
        "id": "String",
        "javascript": "String",
        "named_service": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_method": "String",
        "text": "String"
    }
],
"image": "String",
"load_flask": "String",
"log_level": "String",
"metadata_providers": [
    {
        "metadata_type": "String",
        "rest_method": "String"
    }
],
"multitenancy_safe": "String",
"name": "String",
"page_scripts": [
    {
        "app_name": "String",
        "named_service": "String",
        "page_id": "String",
        "scripts": [
            "String"
        ]
    }
]
```

```

],
"resource_bundles": [
  {
    "bundle": "String",
    "locale": "String"
  }
],
"resources": {
  "memory": 42
},
"rest_methods": [
  {
    "argument_names": [
      "String"
    ],
    "method": "String <one of: GET, HEAD, POST, PUT, DELETE, TRACE, OPTIONS,
CONNECT, PATCH>",
    "name": "String",
    "named_service": "String",
    "required_capabilities": [
      "String"
    ],
    "url": "String"
  }
],
"services": [
  {
    "autorestart": "String",
    "autostart": "String",
    "command": "String",
    "directory": "String",
    "endpoints": [
      {
        "error_mime_type": "String",
        "http_method": "String",
        "name": "String",
        "parameters": [
          {
            "definition": "String",
            "location": "String",
            "name": "String"
          }
        ]
      }
    ]
  }
],

```

```
        "path": "String",
        "request_mime_type": "String",
        "response": {
            "mime_type": "String"
        }
    },
    "environment": "String",
    "exitcodes": "String",
    "name": "String",
    "numprocs": 42,
    "port": 42,
    "priority": 42,
    "process_name": "String",
    "redirect_stderr": "String",
    "serverurl": "String",
    "startretries": 42,
    "startsecs": 42,
    "stderr_capture_maxbytes": "String",
    "stderr_events_enabled": "String",
    "stderr_logfile": "String",
    "stderr_logfile_backups": 42,
    "stderr_logfile_maxbytes": "String",
    "stdout_capture_maxbytes": "String",
    "stdout_events_enabled": "String",
    "stdout_logfile": "String",
    "stdout_logfile_backups": 42,
    "stdout_logfile_maxbyte": "String",
    "stopsignal": "String",
    "stopwaitsecs": 42,
    "umask": "String",
    "user": "String",
    "uuid": "String",
    "version": "String"
}
],
"single_instance_only": "String",
"uninstall_hooks": [
    {
        "description": "String",
        "documentation_url": "String",
        "last_instance_only": "String",
        "rest_method": "String"
    }
]
```

```

        }
      ],
      "uuid": "String",
      "version": "String"
    },
    "status": "String <one of: CREATING, UPGRADING, COMPLETED, ERROR, DELETING, CANCELLED>",
    "user_role_ids": [
      42
    ]
  }
]

```

POST /gui_app_framework/application_definitions

SUMMARY

Installs a new application.

Initiates the asynchronous installation of a new application within the Application framework.

The returned application identifier should be used in subsequent API calls for that application.

Table 1406: POST /gui_app_framework/application_definitions resource details

POST /gui_app_framework/application_definitions resource details

MIME Type

application/json

Table 1407: POST /gui_app_framework/application_definitions request parameter details

POST /gui_app_framework/application_definitions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1408: POST /gui_app_framework/application_definitions request body details

POST /gui_app_framework/application_definitions request body details

Parameter	Data Type	MIME Type	Description	Sample
package	zip	application/zip	Required - A zip file that contains the application's manifest and source code files.	null

Table 1409: POST /gui_app_framework/application_definitions response codes

POST /gui_app_framework/application_definitions response codes

HTTP Response Code	Unique Code	Description
201		The installation of the application was initiated successfully.
409	33700	The application framework is currently disabled.
422	33102	The application zip file structure is invalid. Check that required folders are present.
422	33103	The manifest.json file is missing from the application zip file.

Table 1409: POST /gui_app_framework/application_definitions response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	33104	The application manifest.json file does not conform to the manifest schema.
422	33105	The application manifest.json file contains duplicate keys.
422	33106	An error occurred while parsing the manifest.json file from the application zip file.
422	33201	An error occurred while processing the application RPM/Python dependencies.
422	33300	The UUID in the application manifest.json file is already in use by another app.
422	33302	The application requested more memory than is currently available.
422	33307	The application manifest.json file contains an invalid required_capabilities entry.
422	33308	The manifest.json file has REST methods which aren't defined in the rest_methods field.
422	33403	The application image supplied is not supported.
422	33704	The application is not supported on this JSA release.
500	33100	The uploaded application zip file could not be saved to disk.
500	33101	An error occurred while reading the application zip file.
500	33202	An error occurred while generating the application Dockerfile.

Table 1409: POST /gui_app_framework/application_definitions response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	33204	An error occurred while loading the application sacrosanct files list.
500	33305	The updated application manifest.json file could not be saved to disk.
500	33306	An error occurred while parsing the copy of the app manifest stored in the database.
500	1020	The request could not be completed.

Response Description

Installation status details:

- **application_id** - Integer - Application identifier.
- **status** - String
 - CREATING - the install is in progress.
 - AUTH_REQUIRED - the install is waiting for a response to an authorisation request. See /application_creation_task/{application_id}/auth for details.

Response Sample

```
{
  "application_definition_id": 42,
  "error_messages": "String",
  "status": "String <one of: CREATING, UPGRADING, COMPLETED, ERROR, DELETING, CANCELLED>"
}
```


DELETE /gui_app_framework/application_definitions/{application_definition_id}

SUMMARY

Deletes an application definition and its associated instances.

Deletes an application definition and its associated instances.

Table 1410: DELETE /gui_app_framework/application_definitions/{application_definition_id} resource details

DELETE /gui_app_framework/application_definitions/{application_definition_id} resource details

MIME Type

text/plain

Table 1411: DELETE /gui_app_framework/application_definitions/{application_definition_id} request parameter details

DELETE /gui_app_framework/application_definitions/{application_definition_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_definition_id	path	Required	Number (Integer)	text/plain	Required - The application definition identifier.

Table 1412: DELETE /gui_app_framework/application_definitions/{application_definition_id} response codes

DELETE /gui_app_framework/application_definitions/{application_definition_id} response codes

HTTP Response Code	Unique Code	Description
204		The application definition has been successfully deleted.

Table 1412: DELETE /gui_app_framework/application_definitions/{application_definition_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	33900	The application definition ID does not exist.
409	33000	The current state of the application definition does not allow the requested action.
409	33001	This is a core JSA app. You cannot upgrade or delete it.
409	33005	The application definition cannot be deleted because it has dependent components.
409	33700	The application framework is currently disabled.
409	33904	The application definition cannot be deleted without first deleting its associated instances.
500	1020	The request could not be completed.

Response Description

Response Sample

GET /gui_app_framework/application_definitions/ {application_definition_id}

SUMMARY

Retrieve an application definition.

Retrieve an application definition.

Retrieved details include the application manifest and current status.

Table 1413: GET /gui_app_framework/application_definitions/{application_definition_id} resource details

GET /gui_app_framework/application_definitions/{application_definition_id} resource details

MIME Type

application/json

Table 1414: GET /gui_app_framework/application_definitions/{application_definition_id} request parameter details

GET /gui_app_framework/application_definitions/{application_definition_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_definition_id	path	Required	Number (Integer)	text/plain	Required - The application definition identifier.

Table 1414: GET /gui_app_framework/application_definitions/{application_definition_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1415: GET /gui_app_framework/application_definitions/{application_definition_id} response codes

GET /gui_app_framework/application_definitions/{application_definition_id} response codes

HTTP Response Code	Unique Code	Description
200		The application definition was retrieved.
404	33900	The application definition ID does not exist.
409	33700	The application framework is currently disabled.
500	1020	The request could not be completed.

Response Description

Application details:

- **application_definition_id** - Long - Application Definition identifier.
- **status** - String
 - CREATING - application definition is being created.

- **UPGRADING** - application definition is being upgraded.
- **DELETING** - application definition is being deleted.
- **COMPLETED** - application definition creation/upgrade completed successfully.
- **CANCELLED** - application definition has been cancelled.
- **ERROR** - application definition creation/upgrade did not complete successfully.
- **error_messages** - String - The last error that occurred during an async operation on the definition.
- **error_messages_json** - String - The last error that occurred during an async operation on the definition in json format.
- **manifest** - Object - The application definition's JSON manifest.
- **image** - String - The base image that will be used to build the app.
- **created_by** - String - The user that created the application definition.
- **created_on** - Long - A timestamp representing the created on date and time for the application definition
- **user_role_ids** - Array - The IDs of the associated user roles

Response Sample

```
{
  "application_definition_id": 42,
  "created_by": "String",
  "created_on": 42,
  "error_messages": "String",
  "error_messages_json": [
    {
      "code": "String",
      "message": "String",
      "source": "String"
    }
  ],
  "image": "String",
  "manifest": {
    "app_id": 42,
```

```
"areas": [
  {
    "description": "String",
    "id": "String",
    "named_service": "String",
    "required_capabilities": [
      "String"
    ],
    "text": "String",
    "url": "String"
  }
],
"authentication": {
  "oauth2": {
    "authorization_flow": "String",
    "requested_capabilities": [
      "String"
    ]
  }
},
"configuration_pages": [
  {
    "description": "String",
    "icon": "String",
    "named_service": "String",
    "required_capabilities": [
      "String"
    ],
    "text": "String",
    "url": "String"
  }
],
"console_ip": "String",
"custom_columns": [
  {
    "label": "String",
    "named_service": "String",
    "page_id": "String",
    "required_capabilities": [
      "String"
    ],
    "rest_endpoint": "String"
  }
]
```

```
],
"dashboard_items": [
  {
    "description": "String",
    "required_capabilities": [
      "String"
    ],
    "rest_method": "String",
    "text": "String"
  }
],
"dependencies": {
  "pip_directory": "String",
  "rpms_directory": "String"
},
"description": "String",
"environment_variables": [
  {
    "name": "String",
    "value": "String"
  }
],
"fragments": [
  {
    "app_name": "String",
    "location": "String",
    "named_service": "String",
    "page_id": "String",
    "required_capabilities": [
      "String"
    ],
    "rest_endpoint": "String"
  }
],
"gui_actions": [
  {
    "description": "String",
    "groups": [
      "String"
    ],
    "icon": "String",
    "id": "String",
    "javascript": "String",
```

```
        "named_service": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_method": "String",
        "text": "String"
    }
],
"image": "String",
"load_flask": "String",
"log_level": "String",
"metadata_providers": [
    {
        "metadata_type": "String",
        "rest_method": "String"
    }
],
"multitenancy_safe": "String",
"name": "String",
"page_scripts": [
    {
        "app_name": "String",
        "named_service": "String",
        "page_id": "String",
        "scripts": [
            "String"
        ]
    }
],
"resource_bundles": [
    {
        "bundle": "String",
        "locale": "String"
    }
],
"resources": {
    "memory": 42
},
"rest_methods": [
    {
        "argument_names": [
            "String"
        ]
    }
],
```



```

        "method": "String <one of: GET, HEAD, POST, PUT, DELETE, TRACE, OPTIONS,
CONNECT, PATCH>",
        "name": "String",
        "named_service": "String",
        "required_capabilities": [
            "String"
        ],
        "url": "String"
    }
],
"services": [
    {
        "autorestart": "String",
        "autostart": "String",
        "command": "String",
        "directory": "String",
        "endpoints": [
            {
                "error_mime_type": "String",
                "http_method": "String",
                "name": "String",
                "parameters": [
                    {
                        "definition": "String",
                        "location": "String",
                        "name": "String"
                    }
                ],
                "path": "String",
                "request_mime_type": "String",
                "response": {
                    "mime_type": "String"
                }
            }
        ],
        "environment": "String",
        "exitcodes": "String",
        "name": "String",
        "numprocs": 42,
        "port": 42,
        "priority": 42,
        "process_name": "String",
        "redirect_stderr": "String",

```

```

        "serverurl": "String",
        "startretries": 42,
        "startsecs": 42,
        "stderr_capture_maxbytes": "String",
        "stderr_events_enabled": "String",
        "stderr_logfile": "String",
        "stderr_logfile_backups": 42,
        "stderr_logfile_maxbytes": "String",
        "stdout_capture_maxbytes": "String",
        "stdout_events_enabled": "String",
        "stdout_logfile": "String",
        "stdout_logfile_backups": 42,
        "stdout_logfile_maxbyte": "String",
        "stopsignal": "String",
        "stopwaitsecs": 42,
        "umask": "String",
        "user": "String",
        "uuid": "String",
        "version": "String"
    }
],
"single_instance_only": "String",
"uninstall_hooks": [
    {
        "description": "String",
        "documentation_url": "String",
        "last_instance_only": "String",
        "rest_method": "String"
    }
],
"uuid": "String",
"version": "String"
},
"status": "String <one of: CREATING, UPGRADING, COMPLETED, ERROR, DELETING, CANCELLED>",
"user_role_ids": [
    42
]
}

```

POST /gui_app_framework/application_definitions/ {application_definition_id}

SUMMARY

Cancels the creation or upgrade of an application definition

Cancels the creation or upgrade of an application definition

Table 1416: POST /gui_app_framework/application_definitions/{application_definition_id} resource details

POST /gui_app_framework/application_definitions/{application_definition_id} resource details

MIME Type

application/json

Table 1417: POST /gui_app_framework/application_definitions/{application_definition_id} request parameter details

POST /gui_app_framework/application_definitions/{application_definition_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_definition_id	path	Required	Number (Integer)	text/plain	- The application definition identifier
status	query	Optional	String	text/plain	- The status to set: CANCELLED

Table 1417: POST /gui_app_framework/application_definitions/{application_definition_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1418: POST /gui_app_framework/application_definitions/{application_definition_id} response codes

POST /gui_app_framework/application_definitions/{application_definition_id} response codes

HTTP Response Code	Unique Code	Description
200		The creation or upgrade of the application definition has been cancelled successfully
404	33900	The application definition ID does not exist.
409	33700	The application framework is currently disabled.
409	33902	The current state of the application definition does not allow the requested action
422	33501	An invalid value was supplied for the status parameter.
500	1020	The request could not be completed.

Response Description

Application definition details showing whether definition was UPGRADING or CREATING when the cancel request was submitted.

Response Sample

```
{
  "application_definition_id": 42,
  "error_messages": "String",
  "status": "String <one of: CREATING, UPGRADING, COMPLETED, ERROR, DELETING, CANCELLED>"
}
```

PUT /gui_app_framework/application_definitions/ {application_definition_id}

SUMMARY

Upgrades an application definition.

Upgrades an application definition.

Table 1419: PUT /gui_app_framework/application_definitions/{application_definition_id} resource details

PUT /gui_app_framework/application_definitions/{application_definition_id} resource details

MIME Type
application/json

Table 1420: PUT /gui_app_framework/application_definitions/{application_definition_id} request parameter details

PUT /gui_app_framework/application_definitions/{application_definition_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_definition_id	path	Required	Number (Integer)	text/plain	Required - The application definition identifier.
include_stopped_applications	header	Optional	Boolean	text/plain	Optional - include STOPPED applications in upgrade process.
use_local_zip	header	Optional	Boolean	text/plain	Optional - Supply true to use the previously uploaded app zip file.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1421: PUT /gui_app_framework/application_definitions/{application_definition_id} request body details

PUT /gui_app_framework/application_definitions/{application_definition_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
package	zip	application/zip	Optional - A zip file that contains the application's manifest and source code files, required if useLocalZip=false.	null

Table 1422: PUT /gui_app_framework/application_definitions/{application_definition_id} response codes

PUT /gui_app_framework/application_definitions/{application_definition_id} response codes

HTTP Response Code	Unique Code	Description
202		The request for an application upgrade was accepted.
404	33900	The application definition ID does not exist.
409	33000	The current state of the application does not allow the requested action.
409	33001	This is a core JSA app. You cannot upgrade or delete it.
409	33007	The current state of one of the application instances does not allow the requested action.
409	33603	The definition cannot be upgraded to support oauth or change existing oauth capabilities when it has more than one associated instance.
409	33700	The application framework is currently disabled.
409	33702	The application cannot be upgraded as it can not be changed from multiple instance to single instance.
422	33102	The application zip file structure is invalid. Check that required folders are present.
422	33103	The manifest.json file is missing from the application zip file.
422	33104	The application manifest.json file does not conform to the manifest schema.
422	33105	The application manifest.json file contains duplicate keys.

Table 1422: PUT /gui_app_framework/application_definitions/{application_definition_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	33106	An error occurred while parsing the manifest.json file from the application zip file.
422	33201	An error occurred while processing the application RPM/Python dependencies.
422	33301	The UUID in the application manifest.json file does not match the existing UUID for this app.
422	33302	The application requested more memory than is currently available.
422	33303	The application manifest.json file contains an unsupported OAuth flow type.
422	33304	The application manifest.json file requested an invalid OAuth capability.
422	33307	The application manifest.json file contains an invalid required_capabilities entry.
422	33308	The manifest.json file has REST methods which aren't defined in the rest_methods field.
422	33403	The application image supplied is not supported.
422	33704	The application is not supported on this JSA release.
422	1005	null
500	33100	The uploaded application zip file could not be saved to disk.

Table 1422: PUT /gui_app_framework/application_definitions/{application_definition_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	33101	An error occurred while reading the application zip file.
500	33202	An error occurred while generating the application Dockerfile.
500	33204	An error occurred while loading the application sacrosanct files list.
500	33305	The updated application manifest.json file could not be saved to disk.
500	33306	An error occurred while parsing the copy of the app manifest stored in the database.
500	1020	The request could not be completed.

Response Description

Upgrade status details:

- **application_id** - Integer - Application identifier.
- **status** - String
 - UPGRADING - the upgrade is in progress.
 - AUTH_REQUIRED - the upgrade is waiting for a response to an authorisation request. See /application_creation_task/{application_id}/auth for details.

Response Sample

```
{
```

```

"application_definition_id": 42,
"error_messages": "String",
"status": "String <one of: CREATING, UPGRADING, COMPLETED, ERROR, DELETING, CANCELLED>"
}

```

GET /gui_app_framework/application_definitions/ {application_definition_id}/user_role_id

SUMMARY

Retrieve all user roles associated with an application definition.

Table 1423: GET /gui_app_framework/application_definitions/{application_definition_id}/user_role_id resource details

GET /gui_app_framework/application_definitions/{application_definition_id}/user_role_id resource details

MIME Type

application/json

Table 1424: GET /gui_app_framework/application_definitions/{application_definition_id}/user_role_id request parameter details

GET /gui_app_framework/application_definitions/{application_definition_id}/user_role_id request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_definition_id	path	Required	Number (Integer)	text/plain	- The application definition identifier.

Table 1424: GET /gui_app_framework/application_definitions/{application_definition_id}/user_role_id request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1425: GET /gui_app_framework/application_definitions/{application_definition_id}/user_role_id response codes

GET /gui_app_framework/application_definitions/{application_definition_id}/user_role_id response codes

HTTP Response Code	Unique Code	Description
404	33900	The application definition ID does not exist.
409	33000	The current state of the application definition does not allow the requested action.
409	33700	The application framework is currently disabled.
500	1020	The request could not be completed.

Response Description

A list of user role IDs associated with the specified application definition id.

Response Sample

```
{
  "user_roles": [
    42
  ]
}
```

DELETE /gui_app_framework/application_definitions/ {application_definition_id}/user_role_id/{user_role_id}

SUMMARY

Table 1426: DELETE /gui_app_framework/application_definitions/{application_definition_id}/ user_role_id/{user_role_id} resource details

DELETE /gui_app_framework/application_definitions/{application_definition_id}/user_role_id/{user_role_id}
resource details

MIME Type

application/json

Table 1427: DELETE /gui_app_framework/application_definitions/{application_definition_id}/ user_role_id/{user_role_id} request parameter details

DELETE /gui_app_framework/application_definitions/{application_definition_id}/user_role_id/{user_role_id} request
parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_definition_id	path	Required	Number (Integer)	text/plain	- The application definition identifier.
user_role_id	path	Required	Number (Integer)	text/plain	- The user role identifier.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1428: DELETE /gui_app_framework/application_definitions/{application_definition_id}/user_role_id/{user_role_id} response codes

DELETE /gui_app_framework/application_definitions/{application_definition_id}/user_role_id/{user_role_id} response codes

HTTP Response Code	Unique Code	Description
404	33900	The application definition ID specified does not exist
409	33000	The current state of the specified application ID does not allow the requested action
422	33906	The user role ID does not exist
500	1020	The request could not be completed.

Response Description

An updated list of user roles for the application definition

Response Sample

```
{
  "user_roles": [
    42
  ]
}
```

POST /gui_app_framework/application_definitions/ {application_definition_id}/user_role_id/{user_role_id}

SUMMARY

Add a user role to the list associated with an application definition

Table 1429: POST /gui_app_framework/application_definitions/{application_definition_id}/ user_role_id/{user_role_id} resource details

POST /gui_app_framework/application_definitions/{application_definition_id}/user_role_id/{user_role_id} resource details

MIME Type

application/json

Table 1430: POST /gui_app_framework/application_definitions/{application_definition_id}/user_role_id/{user_role_id} request parameter details

POST /gui_app_framework/application_definitions/{application_definition_id}/user_role_id/{user_role_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_definition_id	path	Required	Number (Integer)	text/plain	- The application definition identifier.
user_role_id	path	Required	Number (Integer)	text/plain	- The user role identifier.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1431: POST /gui_app_framework/application_definitions/{application_definition_id}/user_role_id/{user_role_id} response codes

POST /gui_app_framework/application_definitions/{application_definition_id}/user_role_id/{user_role_id} response codes

HTTP Response Code	Unique Code	Description
404	33900	The application definition ID specified does not exist
409	33000	The current state of the specified application ID does not allow the requested action
409	33700	The application framework is currently disabled.
422	33906	The user role ID does not exist

Table 1431: POST /gui_app_framework/application_definitions/{application_definition_id}/user_role_id/{user_role_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	33907	This user role cannot be modified
500	1020	The request could not be completed.

Response Description

An updated list of user roles for the application definition

Response Sample

```
{
  "user_roles": [
    42
  ]
}
```

GET /gui_app_framework/applications

SUMMARY

Retrieve list of applications.

Retrieves a list of all installed applications.

Retrieved details include the application manifest and current status.

Table 1432: GET /gui_app_framework/applications resource details

GET /gui_app_framework/applications resource details

MIME Type
application/json

Table 1433: GET /gui_app_framework/applications request parameter details

GET /gui_app_framework/applications request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1434: GET /gui_app_framework/applications response codes

GET /gui_app_framework/applications response codes

HTTP Response Code	Unique Code	Description
200		Application list was retrieved.
409	33700	The application framework is currently disabled.
500	1020	The request could not be completed.

Response Description

A list of application details. For a description of what each list entry contains, see [GET /applications/{application_id}](#).

Response Sample

```
[
  {
    "application_definition_id": 42,
    "application_state": {
      "application_id": "String",
      "error_messages": "String",
      "error_messages_json": [
        {
          "code": "String",
          "message": "String",
          "source": "String"
        }
      ],
      "memory": 42,
      "status": "String <one of: CREATING, UPGRADING, STARTING, RUNNING, STOPPING, STOPPED, DELETING, ERROR, UNKNOWN>"
    },
    "auth_client_user_id": 42,
```

```
"image": "String",
"installed_by": "String",
"installed_on": 42,
"managed_host_id": 42,
"manifest": {
  "app_id": 42,
  "areas": [
    {
      "description": "String",
      "id": "String",
      "named_service": "String",
      "required_capabilities": [
        "String"
      ],
      "text": "String",
      "url": "String"
    }
  ],
  "authentication": {
    "oauth2": {
      "authorization_flow": "String",
      "requested_capabilities": [
        "String"
      ]
    }
  },
  "configuration_pages": [
    {
      "description": "String",
      "icon": "String",
      "named_service": "String",
      "required_capabilities": [
        "String"
      ],
      "text": "String",
      "url": "String"
    }
  ],
  "console_ip": "String",
  "custom_columns": [
    {
      "label": "String",
      "named_service": "String",
```

```
        "page_id": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_endpoint": "String"
    }
],
"dashboard_items": [
    {
        "description": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_method": "String",
        "text": "String"
    }
],
"dependencies": {
    "pip_directory": "String",
    "rpms_directory": "String"
},
"description": "String",
"environment_variables": [
    {
        "name": "String",
        "value": "String"
    }
],
"fragments": [
    {
        "app_name": "String",
        "location": "String",
        "named_service": "String",
        "page_id": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_endpoint": "String"
    }
],
"gui_actions": [
    {
        "description": "String",
```

```
    "groups": [
      "String"
    ],
    "icon": "String",
    "id": "String",
    "javascript": "String",
    "named_service": "String",
    "required_capabilities": [
      "String"
    ],
    "rest_method": "String",
    "text": "String"
  }
],
"image": "String",
"load_flask": "String",
"log_level": "String",
"metadata_providers": [
  {
    "metadata_type": "String",
    "rest_method": "String"
  }
],
"multitenancy_safe": "String",
"name": "String",
"page_scripts": [
  {
    "app_name": "String",
    "named_service": "String",
    "page_id": "String",
    "scripts": [
      "String"
    ]
  }
],
"resource_bundles": [
  {
    "bundle": "String",
    "locale": "String"
  }
],
"resources": {
  "memory": 42
```

```

    },
    "rest_methods": [
      {
        "argument_names": [
          "String"
        ],
        ],
        "method": "String <one of: GET, HEAD, POST, PUT, DELETE, TRACE, OPTIONS,
CONNECT, PATCH>",
        "name": "String",
        "named_service": "String",
        "required_capabilities": [
          "String"
        ],
        ],
        "url": "String"
      }
    ],
    "services": [
      {
        "autorestart": "String",
        "autostart": "String",
        "command": "String",
        "directory": "String",
        "endpoints": [
          {
            "error_mime_type": "String",
            "http_method": "String",
            "name": "String",
            "parameters": [
              {
                "definition": "String",
                "location": "String",
                "name": "String"
              }
            ],
            "path": "String",
            "request_mime_type": "String",
            "response": {
              "mime_type": "String"
            }
          }
        ],
        "environment": "String",
        "exitcodes": "String",

```

```

        "name": "String",
        "numprocs": 42,
        "port": 42,
        "priority": 42,
        "process_name": "String",
        "redirect_stderr": "String",
        "serverurl": "String",
        "startretries": 42,
        "startsecs": 42,
        "stderr_capture_maxbytes": "String",
        "stderr_events_enabled": "String",
        "stderr_logfile": "String",
        "stderr_logfile_backups": 42,
        "stderr_logfile_maxbytes": "String",
        "stdout_capture_maxbytes": "String",
        "stdout_events_enabled": "String",
        "stdout_logfile": "String",
        "stdout_logfile_backups": 42,
        "stdout_logfile_maxbyte": "String",
        "stopsignal": "String",
        "stopwaitsecs": 42,
        "umask": "String",
        "user": "String",
        "uuid": "String",
        "version": "String"
    }
],
"single_instance_only": "String",
"uninstall_hooks": [
    {
        "description": "String",
        "documentation_url": "String",
        "last_instance_only": "String",
        "rest_method": "String"
    }
],
"uuid": "String",
"version": "String"
},
"security_profile_id": 42
}
]

```

POST /gui_app_framework/applications

SUMMARY

Creates a new application instance.

Initiates the creation of a new application instance within the Application framework.

The returned application instance identifier should be used in subsequent API calls for that application instance.

Table 1435: POST /gui_app_framework/applications resource details

POST /gui_app_framework/applications resource details

MIME Type

application/json

Table 1436: POST /gui_app_framework/applications request parameter details

POST /gui_app_framework/applications request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_definition_id	query	Required	Number (Integer)	text/plain	null
security_profile_id	query	Optional	Number (Integer)	text/plain	- The security profile ID to associate with the Application instance
force_multitenancy_safe	query	Optional	Boolean	text/plain	- If provided, this will change the multitenancy flag on the instance definition

Table 1436: POST /gui_app_framework/applications request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1437: POST /gui_app_framework/applications response codes

POST /gui_app_framework/applications response codes

HTTP Response Code	Unique Code	Description
201		The creation of the application instance was successful.
404	33900	The application definition ID does not exist.
409	33000	The current state of the application definition does not allow the requested action.
409	33700	The application framework is currently disabled.
409	33701	The supplied application definition ID only allows a single application instance.
422	33302	The application requested more memory than is currently available.
422	33650	The supplied security profile does not exist.
422	33652	There is already an instance with the supplied security profile with the same app definition.

Table 1437: POST /gui_app_framework/applications response codes (Continued)

HTTP Response Code	Unique Code	Description
422	33653	To be able to set the security profile of an app to be something other than null, or an admin profile, the app must be flagged as multi-tenancy safe and must support multiple instances
422	33704	The application is not supported on this JSA release.
422	1005	null
500	1020	The request could not be completed.

Response Description

Application details, see GET /applications/{application_id}.

Response Sample

```
{
  "application_definition_id": 42,
  "application_state": {
    "application_id": "String",
    "error_messages": "String",
    "error_messages_json": [
      {
        "code": "String",
        "message": "String",
        "source": "String"
      }
    ],
    "memory": 42,
    "status": "String <one of: CREATING, UPGRADING, STARTING, RUNNING, STOPPING, STOPPED,
```

```

DELETING, ERROR, UNKNOWN>
  },
  "auth_client_user_id": 42,
  "image": "String",
  "installed_by": "String",
  "installed_on": 42,
  "managed_host_id": 42,
  "manifest": {
    "app_id": 42,
    "areas": [
      {
        "description": "String",
        "id": "String",
        "named_service": "String",
        "required_capabilities": [
          "String"
        ],
        "text": "String",
        "url": "String"
      }
    ],
    "authentication": {
      "oauth2": {
        "authorization_flow": "String",
        "requested_capabilities": [
          "String"
        ]
      }
    }
  },
  "configuration_pages": [
    {
      "description": "String",
      "icon": "String",
      "named_service": "String",
      "required_capabilities": [
        "String"
      ],
      "text": "String",
      "url": "String"
    }
  ],
  "console_ip": "String",
  "custom_columns": [

```

```
{
  "label": "String",
  "named_service": "String",
  "page_id": "String",
  "required_capabilities": [
    "String"
  ],
  "rest_endpoint": "String"
},
"dashboard_items": [
  {
    "description": "String",
    "required_capabilities": [
      "String"
    ],
    "rest_method": "String",
    "text": "String"
  }
],
"dependencies": {
  "pip_directory": "String",
  "rpms_directory": "String"
},
"description": "String",
"environment_variables": [
  {
    "name": "String",
    "value": "String"
  }
],
"fragments": [
  {
    "app_name": "String",
    "location": "String",
    "named_service": "String",
    "page_id": "String",
    "required_capabilities": [
      "String"
    ],
    "rest_endpoint": "String"
  }
],
```

```
"gui_actions": [  
  {  
    "description": "String",  
    "groups": [  
      "String"  
    ],  
    "icon": "String",  
    "id": "String",  
    "javascript": "String",  
    "named_service": "String",  
    "required_capabilities": [  
      "String"  
    ],  
    "rest_method": "String",  
    "text": "String"  
  }  
],  
"image": "String",  
"load_flask": "String",  
"log_level": "String",  
"metadata_providers": [  
  {  
    "metadata_type": "String",  
    "rest_method": "String"  
  }  
],  
"multitenancy_safe": "String",  
"name": "String",  
"page_scripts": [  
  {  
    "app_name": "String",  
    "named_service": "String",  
    "page_id": "String",  
    "scripts": [  
      "String"  
    ]  
  }  
],  
"resource_bundles": [  
  {  
    "bundle": "String",  
    "locale": "String"  
  }  
]
```

```

],
"resources": {
  "memory": 42
},
"rest_methods": [
  {
    "argument_names": [
      "String"
    ],
    "method": "String <one of: GET, HEAD, POST, PUT, DELETE, TRACE, OPTIONS,
CONNECT, PATCH>",
    "name": "String",
    "named_service": "String",
    "required_capabilities": [
      "String"
    ],
    "url": "String"
  }
],
"services": [
  {
    "autorestart": "String",
    "autostart": "String",
    "command": "String",
    "directory": "String",
    "endpoints": [
      {
        "error_mime_type": "String",
        "http_method": "String",
        "name": "String",
        "parameters": [
          {
            "definition": "String",
            "location": "String",
            "name": "String"
          }
        ],
        "path": "String",
        "request_mime_type": "String",
        "response": {
          "mime_type": "String"
        }
      }
    ]
  }
]

```

```
    ],
    "environment": "String",
    "exitcodes": "String",
    "name": "String",
    "numprocs": 42,
    "port": 42,
    "priority": 42,
    "process_name": "String",
    "redirect_stderr": "String",
    "serverurl": "String",
    "startretries": 42,
    "startsecs": 42,
    "stderr_capture_maxbytes": "String",
    "stderr_events_enabled": "String",
    "stderr_logfile": "String",
    "stderr_logfile_backups": 42,
    "stderr_logfile_maxbytes": "String",
    "stdout_capture_maxbytes": "String",
    "stdout_events_enabled": "String",
    "stdout_logfile": "String",
    "stdout_logfile_backups": 42,
    "stdout_logfile_maxbyte": "String",
    "stopsignal": "String",
    "stopwaitsecs": 42,
    "umask": "String",
    "user": "String",
    "uuid": "String",
    "version": "String"
  }
],
"single_instance_only": "String",
"uninstall_hooks": [
  {
    "description": "String",
    "documentation_url": "String",
    "last_instance_only": "String",
    "rest_method": "String"
  }
],
"uuid": "String",
"version": "String"
},
```

```
"security_profile_id": 42
}
```

DELETE /gui_app_framework/applications/{application_id}

SUMMARY

Deletes an application instance.

Deletes an application instance.

Table 1438: DELETE /gui_app_framework/applications/{application_id} resource details

DELETE /gui_app_framework/applications/{application_id} resource details

MIME Type

text/plain

Table 1439: DELETE /gui_app_framework/applications/{application_id} request parameter details

DELETE /gui_app_framework/applications/{application_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_id	path	Required	Number (Integer)	text/plain	Required - The application instance identifier.

Table 1440: DELETE /gui_app_framework/applications/{application_id} response codes

DELETE /gui_app_framework/applications/{application_id} response codes

HTTP Response Code	Unique Code	Description
204		The application instance was successfully deleted.
404	1002	The application identifier could not be found.
409	33001	This is a core JSA app. You cannot upgrade or delete it.
409	33005	The application cannot be deleted because it has dependent components.
409	33006	The current state of the application instance does not allow the requested action.
409	33700	The application framework is currently disabled.
500	1020	The request could not be completed.

Response Description

Response Sample

GET /gui_app_framework/applications/{application_id}

SUMMARY

Retrieve an installed application.

Retrieve an installed application.

Retrieved details include the application manifest and current status.

Table 1441: GET /gui_app_framework/applications/{application_id} resource details

GET /gui_app_framework/applications/{application_id} resource details

MIME Type

application/json

Table 1442: GET /gui_app_framework/applications/{application_id} request parameter details

GET /gui_app_framework/applications/{application_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_id	path	Required	Number (Integer)	text/plain	Required - The application identifier.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1443: GET /gui_app_framework/applications/{application_id} response codes

GET /gui_app_framework/applications/{application_id} response codes

HTTP Response Code	Unique Code	Description
200		The application was retrieved.
404	1002	The application identifier could not be found.
409	33700	The application framework is currently disabled.
500	1020	The request could not be completed.

Response Description

Application details:

- **application_state**
 - **application_id** - String - Application identifier.
 - **status** - String
 - CREATING - the application install has not yet completed.
 - UPGRADING - the application upgrade has not yet completed.
 - RUNNING - the application is running.
 - STARTING - the application is starting.
 - STOPPING - the application is stopping.
 - DELETING - the application is being deleted.
 - STOPPED - the application has been stopped manually.
 - ERROR - the application is no longer running due to an error. The reason is in error_messages.
 - **error_messages** - String - Any error message associated with the application.

- **error_messages_json** - String - The last error that occurred during an async operation on the application in json format.
- **memory** - Integer - The amount of memory allocated to the application
- **manifest** - Object - The application's JSON manifest.
- **installed_on** - Timestamp - The timestamp of when the application was created (in milliseconds since epoch).
- **installed_by** - String - The user who created the application.
- **image** - String - The base image that was used to build the app instance.
- **managed_host_id** - Integer - The id of the managed host the application is running on.
- **application_definition_id** - Long - The definition associated with this application.

Response Sample

```
{
  "application_definition_id": 42,
  "application_state": {
    "application_id": "String",
    "error_messages": "String",
    "error_messages_json": [
      {
        "code": "String",
        "message": "String",
        "source": "String"
      }
    ],
    "memory": 42,
    "status": "String <one of: CREATING, UPGRADING, STARTING, RUNNING, STOPPING, STOPPED,
DELETING, ERROR, UNKNOWN>"
  },
  "auth_client_user_id": 42,
  "image": "String",
  "installed_by": "String",
  "installed_on": 42,
  "managed_host_id": 42,
```

```
"manifest": {
  "app_id": 42,
  "areas": [
    {
      "description": "String",
      "id": "String",
      "named_service": "String",
      "required_capabilities": [
        "String"
      ],
      "text": "String",
      "url": "String"
    }
  ],
  "authentication": {
    "oauth2": {
      "authorization_flow": "String",
      "requested_capabilities": [
        "String"
      ]
    }
  },
  "configuration_pages": [
    {
      "description": "String",
      "icon": "String",
      "named_service": "String",
      "required_capabilities": [
        "String"
      ],
      "text": "String",
      "url": "String"
    }
  ],
  "console_ip": "String",
  "custom_columns": [
    {
      "label": "String",
      "named_service": "String",
      "page_id": "String",
      "required_capabilities": [
        "String"
      ]
    }
  ],
}
```

```
        "rest_endpoint": "String"
    }
],
"dashboard_items": [
    {
        "description": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_method": "String",
        "text": "String"
    }
],
"dependencies": {
    "pip_directory": "String",
    "rpms_directory": "String"
},
"description": "String",
"environment_variables": [
    {
        "name": "String",
        "value": "String"
    }
],
"fragments": [
    {
        "app_name": "String",
        "location": "String",
        "named_service": "String",
        "page_id": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_endpoint": "String"
    }
],
"gui_actions": [
    {
        "description": "String",
        "groups": [
            "String"
        ],
        "icon": "String",
```

```
        "id": "String",
        "javascript": "String",
        "named_service": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_method": "String",
        "text": "String"
    }
],
"image": "String",
"load_flask": "String",
"log_level": "String",
"metadata_providers": [
    {
        "metadata_type": "String",
        "rest_method": "String"
    }
],
"multitenancy_safe": "String",
"name": "String",
"page_scripts": [
    {
        "app_name": "String",
        "named_service": "String",
        "page_id": "String",
        "scripts": [
            "String"
        ]
    }
],
"resource_bundles": [
    {
        "bundle": "String",
        "locale": "String"
    }
],
"resources": {
    "memory": 42
},
"rest_methods": [
    {
        "argument_names": [
```

```

        "String"
    ],
    "method": "String <one of: GET, HEAD, POST, PUT, DELETE, TRACE, OPTIONS,
CONNECT, PATCH>",
    "name": "String",
    "named_service": "String",
    "required_capabilities": [
        "String"
    ],
    "url": "String"
}
],
"services": [
{
    "autorestart": "String",
    "autostart": "String",
    "command": "String",
    "directory": "String",
    "endpoints": [
        {
            "error_mime_type": "String",
            "http_method": "String",
            "name": "String",
            "parameters": [
                {
                    "definition": "String",
                    "location": "String",
                    "name": "String"
                }
            ],
            "path": "String",
            "request_mime_type": "String",
            "response": {
                "mime_type": "String"
            }
        }
    ],
    "environment": "String",
    "exitcodes": "String",
    "name": "String",
    "numprocs": 42,
    "port": 42,
    "priority": 42,

```



```
    "process_name": "String",
    "redirect_stderr": "String",
    "serverurl": "String",
    "startretries": 42,
    "startsecs": 42,
    "stderr_capture_maxbytes": "String",
    "stderr_events_enabled": "String",
    "stderr_logfile": "String",
    "stderr_logfile_backups": 42,
    "stderr_logfile_maxbytes": "String",
    "stdout_capture_maxbytes": "String",
    "stdout_events_enabled": "String",
    "stdout_logfile": "String",
    "stdout_logfile_backups": 42,
    "stdout_logfile_maxbyte": "String",
    "stopsignal": "String",
    "stopwaitsecs": 42,
    "umask": "String",
    "user": "String",
    "uuid": "String",
    "version": "String"
  }
],
"single_instance_only": "String",
"uninstall_hooks": [
  {
    "description": "String",
    "documentation_url": "String",
    "last_instance_only": "String",
    "rest_method": "String"
  }
],
"uuid": "String",
"version": "String"
},
"security_profile_id": 42
}
```

POST /gui_app_framework/applications/{application_id}

SUMMARY

Updates an application.

Updates an application.

Supply status=RUNNING to start a stopped application.

Supply status=STOPPED to stop a running application.

Supply oauth_user_id to change the OAuth user associated with the application.

Supply security_profile_id to change the security profile associated with the application.

Note only one of these can be updated at a time, please supply only one query parameter below.

Table 1444: POST /gui_app_framework/applications/{application_id} resource details

POST /gui_app_framework/applications/{application_id} resource details

MIME Type

application/json

Table 1445: POST /gui_app_framework/applications/{application_id} request parameter details

POST /gui_app_framework/applications/{application_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_id	path	Required	Number (Integer)	text/plain	Required - The application identifier.
status	query	Optional	String	text/plain	- The status to set: RUNNING or STOPPED.

Table 1445: POST /gui_app_framework/applications/{application_id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
oauth_user_id	query	Optional	Number (Integer)	text/plain	- The OAuth user ID to set. This parameter is ignored when status is supplied.
security_profile_id	query	Optional	Long	text/plain	- The security profile ID to associate with the Application instance
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1446: POST /gui_app_framework/applications/{application_id} response codes

POST /gui_app_framework/applications/{application_id} response codes

HTTP Response Code	Unique Code	Description
200		The application has been successfully updated.
404	1002	The application identifier could not be found.
409	33000	The current state of the application does not allow the requested action.
409	33006	The current state of the application instance does not allow the requested action.

Table 1446: POST /gui_app_framework/applications/{application_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
409	33402	The application image does not exist in the docker registry
409	33600	The application does not have an associated OAuth user.
409	33602	The supplied OAuth user does not have the capabilities required by the application.
409	33700	The application framework is currently disabled.
409	33703	The current state of the system hosts file does not allow the requested action.
409	1008	The application is in a state that does not allow the requested update.
422	33302	The application requested more memory than is currently available.
422	33500	A valid query parameter must be supplied to this API request.
422	33501	An invalid value was supplied for the status parameter.
422	33502	Only one query parameter can be supplied at a time to this API request.
422	33601	The supplied OAuth user does not exist.
422	33650	The supplied security profile does not exist.
422	33651	The supplied security profile is invalid as you can only change from the admin security profile id to null or vice versa.

Table 1446: POST /gui_app_framework/applications/{application_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	33652	There is already an instance with the supplied security profile with the same app definition
422	33704	The application is not supported on this JSA release.
422	1005	A supplied parameter is invalid.
500	33203	An error occurred while loading resource bundle properties from the application zip file.
500	33306	An error occurred while parsing the copy of the app manifest stored in the database.
500	1020	The request could not be completed.

Response Description

Application details, see GET /applications/{application_id}.

Response Sample

```
{
  "application_definition_id": 42,
  "application_state": {
    "application_id": "String",
    "error_messages": "String",
    "error_messages_json": [
      {
        "code": "String",
```

```

        "message": "String",
        "source": "String"
    }
],
"memory": 42,
"status": "String <one of: CREATING, UPGRADING, STARTING, RUNNING, STOPPING, STOPPED,
DELETING, ERROR, UNKNOWN>"
},
"auth_client_user_id": 42,
"image": "String",
"installed_by": "String",
"installed_on": 42,
"managed_host_id": 42,
"manifest": {
    "app_id": 42,
    "areas": [
        {
            "description": "String",
            "id": "String",
            "named_service": "String",
            "required_capabilities": [
                "String"
            ],
            "text": "String",
            "url": "String"
        }
    ],
},
"authentication": {
    "oauth2": {
        "authorization_flow": "String",
        "requested_capabilities": [
            "String"
        ]
    }
},
"configuration_pages": [
    {
        "description": "String",
        "icon": "String",
        "named_service": "String",
        "required_capabilities": [
            "String"
        ]
    },

```

```
        "text": "String",
        "url": "String"
    }
],
"console_ip": "String",
"custom_columns": [
    {
        "label": "String",
        "named_service": "String",
        "page_id": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_endpoint": "String"
    }
],
"dashboard_items": [
    {
        "description": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_method": "String",
        "text": "String"
    }
],
"dependencies": {
    "pip_directory": "String",
    "rpms_directory": "String"
},
"description": "String",
"environment_variables": [
    {
        "name": "String",
        "value": "String"
    }
],
"fragments": [
    {
        "app_name": "String",
        "location": "String",
        "named_service": "String",
        "page_id": "String",
```

```
        "required_capabilities": [
            "String"
        ],
        "rest_endpoint": "String"
    }
],
"gui_actions": [
    {
        "description": "String",
        "groups": [
            "String"
        ],
        "icon": "String",
        "id": "String",
        "javascript": "String",
        "named_service": "String",
        "required_capabilities": [
            "String"
        ],
        "rest_method": "String",
        "text": "String"
    }
],
"image": "String",
"load_flask": "String",
"log_level": "String",
"metadata_providers": [
    {
        "metadata_type": "String",
        "rest_method": "String"
    }
],
"multitenancy_safe": "String",
"name": "String",
"page_scripts": [
    {
        "app_name": "String",
        "named_service": "String",
        "page_id": "String",
        "scripts": [
            "String"
        ]
    }
]
```



```

],
"resource_bundles": [
  {
    "bundle": "String",
    "locale": "String"
  }
],
"resources": {
  "memory": 42
},
"rest_methods": [
  {
    "argument_names": [
      "String"
    ],
    "method": "String <one of: GET, HEAD, POST, PUT, DELETE, TRACE, OPTIONS,
CONNECT, PATCH>",
    "name": "String",
    "named_service": "String",
    "required_capabilities": [
      "String"
    ],
    "url": "String"
  }
],
"services": [
  {
    "autorestart": "String",
    "autostart": "String",
    "command": "String",
    "directory": "String",
    "endpoints": [
      {
        "error_mime_type": "String",
        "http_method": "String",
        "name": "String",
        "parameters": [
          {
            "definition": "String",
            "location": "String",
            "name": "String"
          }
        ]
      }
    ]
  }
],

```

```

        "path": "String",
        "request_mime_type": "String",
        "response": {
            "mime_type": "String"
        }
    },
    ],
    "environment": "String",
    "exitcodes": "String",
    "name": "String",
    "numprocs": 42,
    "port": 42,
    "priority": 42,
    "process_name": "String",
    "redirect_stderr": "String",
    "serverurl": "String",
    "startretries": 42,
    "startsecs": 42,
    "stderr_capture_maxbytes": "String",
    "stderr_events_enabled": "String",
    "stderr_logfile": "String",
    "stderr_logfile_backups": 42,
    "stderr_logfile_maxbytes": "String",
    "stdout_capture_maxbytes": "String",
    "stdout_events_enabled": "String",
    "stdout_logfile": "String",
    "stdout_logfile_backups": 42,
    "stdout_logfile_maxbyte": "String",
    "stopsignal": "String",
    "stopwaitsecs": 42,
    "umask": "String",
    "user": "String",
    "uuid": "String",
    "version": "String"
}
],
"single_instance_only": "String",
"uninstall_hooks": [
    {
        "description": "String",
        "documentation_url": "String",
        "last_instance_only": "String",
        "rest_method": "String"
    }
]

```

```

    }
  ],
  "uuid": "String",
  "version": "String"
},
"security_profile_id": 42
}

```

PUT /gui_app_framework/applications/{application_id}

SUMMARY

Upgrades an application.

Upgrades an application.

Table 1447: PUT /gui_app_framework/applications/{application_id} resource details

PUT /gui_app_framework/applications/{application_id} resource details

MIME Type

application/json

Table 1448: PUT /gui_app_framework/applications/{application_id} request parameter details

PUT /gui_app_framework/applications/{application_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_id	path	Required	Number (Integer)	text/plain	Required - The application identifier.

Table 1448: PUT /gui_app_framework/applications/{application_id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
use_local_zip	header	Optional	Boolean	text/plain	Optional - Supply true to use the previously uploaded app zip file.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1449: PUT /gui_app_framework/applications/{application_id} request body details

PUT /gui_app_framework/applications/{application_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
package	zip	application/zip	Optional - A zip file that contains the application's manifest and source code files, required if useLocalZip=false.	null

Table 1450: PUT /gui_app_framework/applications/{application_id} response codes

PUT /gui_app_framework/applications/{application_id} response codes

HTTP Response Code	Unique Code	Description
202		The request for an application upgrade was accepted.
404	1002	The application identifier could not be found.

Table 1450: PUT /gui_app_framework/applications/{application_id} response codes *(Continued)*

HTTP Response Code	Unique Code	Description
409	33000	The current state of the application does not allow the requested action.
409	33001	This is a core JSA app. You cannot upgrade or delete it.
409	33007	The current state of one of the application instances does not allow the requested action.
409	33603	The definition cannot be upgraded to support oauth or change existing oauth capabilities when it has more than one associated instance.
409	33700	The application framework is currently disabled.
409	33702	The application cannot be upgraded as it can not be changed from multiple instance to single instance.
422	33102	The application zip file structure is invalid. Check that required folders are present.
422	33103	The manifest.json file is missing from the application zip file.
422	33104	The application manifest.json file does not conform to the manifest schema.
422	33105	The application manifest.json file contains duplicate keys.
422	33106	An error occurred while parsing the manifest.json file from the application zip file.
422	33201	An error occurred while processing the application RPM/Python dependencies.

Table 1450: PUT /gui_app_framework/applications/{application_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	33301	The UUID in the application manifest.json file does not match the existing UUID for this app.
422	33302	The application requested more memory than is currently available.
422	33303	The application manifest.json file contains an unsupported OAuth flow type.
422	33304	The application manifest.json file requested an invalid OAuth capability.
422	33307	The application manifest.json file contains an invalid required_capabilities entry.
422	33308	The manifest.json file has REST methods which aren't defined in the rest_methods field.
422	33403	The application image supplied is not supported.
422	33704	The application is not supported on this JSA release.
422	1005	null
500	33100	The uploaded application zip file could not be saved to disk.
500	33101	An error occurred while reading the application zip file.
500	33202	An error occurred while generating the application Dockerfile.
500	33204	An error occurred while loading the application sacrosanct files list.

Table 1450: PUT /gui_app_framework/applications/{application_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	33305	The updated application manifest.json file could not be saved to disk.
500	33306	An error occurred while parsing the copy of the app manifest stored in the database.
500	1020	The request could not be completed.

Response Description

Upgrade status details:

- **application_id** - Integer - Application identifier.
- **status** - String
 - UPGRADING - the upgrade is in progress.
 - AUTH_REQUIRED - the upgrade is waiting for a response to an authorisation request. See /application_creation_task/{application_id}/auth for details.

Response Sample

```
{
  "application_id": 42,
  "error_messages": "String",
  "error_messages_json": [
    {
      "code": "String",
      "message": "String",
      "source": "String"
    }
  ]
}
```

```

    ],
    "status": "String <one of: CREATING, UPGRADING, STOPPING, STARTING, AUTH_REQUIRED,
COMPLETED, CANCELLED, DELETING, ERROR, UNKNOWN>"
}

```

GET /gui_app_framework/applications/{application_id}/host_type

SUMMARY

Retrieve a host type.

Retrieve a host type.

Table 1451: GET /gui_app_framework/applications/{application_id}/host_type resource details

GET /gui_app_framework/applications/{application_id}/host_type resource details

MIME Type

application/json

Table 1452: GET /gui_app_framework/applications/{application_id}/host_type request parameter details

GET /gui_app_framework/applications/{application_id}/host_type request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
application_id	path	Required	Number (Integer)	text/plain	Required - The application instance identifier.

Table 1452: GET /gui_app_framework/applications/{application_id}/host_type request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1453: GET /gui_app_framework/applications/{application_id}/host_type response codes

GET /gui_app_framework/applications/{application_id}/host_type response codes

HTTP Response Code	Unique Code	Description
200		Application list was retrieved.
404	1002	The application instance identifier could not be found.
409	33700	The application framework is currently disabled.
500	1020	The request could not be completed.

Response Description

Host type details:

- **id** - Long - Host type identifier.
- **name** - String - The name of the host type.
- **managed_host_id** - Long - The id of the managed host the application is running on.

Response Sample

```
{
  "id": 42,
  "managed_host_id": 42,
  "name": "String"
}
```

GET /gui_app_framework/named_services

SUMMARY

Retrieves all named services.

Retrieves a list of all named services registered with the Application Framework.

By using the returned information, the caller can determine what services are available and what facilities each service provides via its REST endpoints.

Table 1454: GET /gui_app_framework/named_services resource details

GET /gui_app_framework/named_services resource details

MIME Type

application/json

There are no parameters for this endpoint.

Table 1455: GET /gui_app_framework/named_services response codes

GET /gui_app_framework/named_services response codes

HTTP Response Code	Unique Code	Description
200		The list of named services was returned.
409	33700	The application framework is currently disabled.
500	1020	An error occurred while trying to retrieve the list of named services.

Response Description

A list of named services. The documentation for `/named_services/{uuid}` has a description of the details returned for a named service instance.

Response Sample

```
[{
  "name": "resourceservice",
  "version": "1",
  "application_id": "1001",
  "uuid": "e4081cd1-c3c8-4089-afc7-c32039bd796c",
  "endpoints": [
    {
      "name": "getResource",
      "path": "/console/plugins/1001/app_proxy:resourceservice/resource/{resource_id}",
      "http_method": "GET",
      "parameters": [
        { "location": "PATH", "name": "resource_id" }
      ],
      "response": {
        "mime_type": "application/json+ld",
        "body_type": {
          "@type": "http://id.ibm.com/Resource",
```

```

        "resource_id": "http://id.ibm.com/resourceID",
        "resource_name": "http://id.ibm.com/resourceName",
        "resource_owner": "http://id.ibm.com/personId"
    }
},
"error_mime_type": "text/plain"
},
{
    "name": "createResource",
    "path": "/console/plugins/1001/app_proxy:resourceservice/resource",
    "http_method": "POST",
    "request_mime_type": "application/json+ld",
    "request_body_type": {
        "@type": "http://id.ibm.com/Resource",
        "resource_name": "http://id.ibm.com/resourceName",
        "resource_owner": "http://id.ibm.com/personId"
    },
    "response": {
        "mime_type": "application/json+ld",
        "body_type": {
            "@type": "http://id.ibm.com/Resource",
            "resource_id": "http://id.ibm.com/resourceID",
            "resource_name": "http://id.ibm.com/resourceName",
            "resource_owner": "http://id.ibm.com/personId"
        }
    },
    "error_mime_type": "text/plain"
},
{
    "name": "updateResource",
    "path": "/console/plugins/1001/app_proxy:resourceservice/resource/{resource_id}",
    "http_method": "PUT",
    "request_mime_type": "application/json+ld",
    "request_body_type": {
        "@type": "http://id.ibm.com/Resource",
        "resource_name": "http://id.ibm.com/resourceName",
        "resource_owner": "http://id.ibm.com/personId"
    },
    "parameters": [
        { "location": "PATH", "name": "resource_id" }
    ],
    "response": {
        "mime_type": "application/json+ld",

```

```

    "body_type": {
      "@type": "http://id.ibm.com/Resource",
      "resource_id": "http://id.ibm.com/resourceID",
      "resource_name": "http://id.ibm.com/resourceName",
      "resource_owner": "http://id.ibm.com/personId"
    }
  },
  "error_mime_type": "text/plain"
}
]
}]

```

GET /gui_app_framework/named_services/{uuid}

SUMMARY

Retrieves a named service.

Using the supplied uuid, retrieves a named service registered with the Application Framework.

Table 1456: GET /gui_app_framework/named_services/{uuid} resource details

GET /gui_app_framework/named_services/{uuid} resource details

MIME Type

application/json

Table 1457: GET /gui_app_framework/named_services/{uuid} request parameter details

GET /gui_app_framework/named_services/{uuid} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
uuid	path	Required	String	text/plain	Required - A named service uuid.

Table 1458: GET /gui_app_framework/named_services/{uuid} response codes

GET /gui_app_framework/named_services/{uuid} response codes

HTTP Response Code	Unique Code	Description
200		The requested named service was returned.
404	1002	The requested named service could not be found.
409	33700	The application framework is currently disabled.
500	1020	An error occurred while trying to retrieve the requested named service.

Response Description

The details of a named service:

- **name** - String - Service name.
- **version** - String - Service version.
- **application_id** - Integer - ID of the application that implements this service.
- **uuid** - Integer - Unique identifier for this service.
- **endpoints** - Array - List of endpoints provided by this service.
 - **name** - String - Endpoint name.
 - **path** - String - Endpoint URL.
 - **http_method** - String - One of GET/POST/PUT/DELETE.

- **request_mime_type** - String - MIME type of request body.
- **request_body_type** - Object - JSON definition of request body.
- **parameters** - Array - List of request parameters.
 - **location** - String - Where the parameter goes in the request. One of PATH/QUERY/BODY.
 - **name** - String - Parameter name.
 - **definition** - String - Parameter definition, e.g. "String".
- **response** - Object - Response definition.
 - **mime_type** - String - MIME type of response body.
 - **body_type** - Object - JSON definition of response body.
- **error_mime_type** - String - MIME type of response body when an error occurs.

Response Sample

```
{
  "name": "resourceservice",
  "version": "1",
  "application_id": 1001,
  "uuid": "e4081cd1-c3c8-4089-afc7-c32039bd796c",
  "endpoints": [
    {
      "name": "getResource",
      "path": "/console/plugins/1001/app_proxy:resourceservice/resource/{resource_id}",
      "http_method": "GET",
      "parameters": [
        { "location": "PATH", "name": "resource_id" }
      ],
      "response": {
        "mime_type": "application/json+ld",
        "body_type": {
          "@type": "http://id.ibm.com/Resource",
          "resource_id": "http://id.ibm.com/resourceID",
          "resource_name": "http://id.ibm.com/resourceName",
          "resource_owner": "http://id.ibm.com/personId"
        }
      }
    }
  ]
}
```

```

    },
    "error_mime_type": "text/plain"
  },
  {
    "name": "createResource",
    "path": "/console/plugins/1001/app_proxy:resourceservice/resource",
    "http_method": "POST",
    "request_mime_type": "application/json+ld",
    "request_body_type": {
      "@type": "http://id.ibm.com/Resource",
      "resource_name": "http://id.ibm.com/resourceName",
      "resource_owner": "http://id.ibm.com/personId"
    },
    "response": {
      "mime_type": "application/json+ld",
      "body_type": {
        "@type": "http://id.ibm.com/Resource",
        "resource_id": "http://id.ibm.com/resourceID",
        "resource_name": "http://id.ibm.com/resourceName",
        "resource_owner": "http://id.ibm.com/personId"
      }
    },
    "error_mime_type": "text/plain"
  },
  {
    "name": "updateResource",
    "path": "/console/plugins/1001/app_proxy:resourceservice/resource/{resource_id}",
    "http_method": "PUT",
    "request_mime_type": "application/json+ld",
    "request_body_type": {
      "@type": "http://id.ibm.com/Resource",
      "resource_name": "http://id.ibm.com/resourceName",
      "resource_owner": "http://id.ibm.com/personId"
    },
    "parameters": [
      { "location": "PATH", "name": "resource_id" }
    ],
    "response": {
      "mime_type": "application/json+ld",
      "body_type": {
        "@type": "http://id.ibm.com/Resource",
        "resource_id": "http://id.ibm.com/resourceID",
        "resource_name": "http://id.ibm.com/resourceName",

```



```
    "resource_owner": "http://id.ibm.com/personId"  
  }  
},  
"error_mime_type": "text/plain"  
}  
]  
}
```

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CHAPTER

Health Endpoints

Health Endpoints | 1617

Health Endpoints

SUMMARY

Use the references for REST API 16.0 health endpoints.

IN THIS SECTION

- [GET /health/metrics/qradar_metrics | 1617](#)
- [GET /health/metrics/qradar_metrics/{id} | 1620](#)
- [POST /health/metrics/qradar_metrics/{id} | 1622](#)
- [POST /health/metrics/qradar_metrics/global_config | 1624](#)
- [GET /health/metrics/system_metrics | 1626](#)
- [GET /health/metrics/system_metrics/{id} | 1628](#)
- [POST /health/metrics/system_metrics/{id} | 1630](#)
- [POST /health/metrics/system_metrics/global_config | 1632](#)

GET /health/metrics/qradar_metrics

SUMMARY

Gets the list of JSA component metrics

Gets the list of JSA component metrics.

Table 1459: GET /health/metrics/qradar_metrics resource details

GET /health/metrics/qradar_metrics resource details

MIME Type

application/json

Table 1460: GET /health/metrics/qradar_metrics request parameter details

GET /health/metrics/qradar_metrics request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1461: GET /health/metrics/qradar_metrics response codes

GET /health/metrics/qradar_metrics response codes

HTTP Response Code	Unique Code	Description
200		A list of resources defined by the QRadarMetric DTO.

Table 1461: GET /health/metrics/qradar_metrics response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	Internal Server Error.

Response Description

A list of resources defined by the QRadarMetric DTO.

- **id** - String - Unique ID of the metric.
- **time_resolution** - Long - Time frequency in milliseconds at which the metric is polled.
- **component_name** - String - JSA component name to query the mbean.
- **component_type** - Enumeration - JSA component type to query the mbean.
- **enabled** - String - Boolean to represent if the metric is enabled or not.

Response Sample

```
[
  {
    "component_name": "String",
    "component_type": "String <one of: ACCUMULATOR, ARIEL_PROXY_SERVER, ARIEL_QUERY_SERVER,
ARC_BUILDER, ASSETPROFILER, ECS_EP, ECS_EC, ECS_EC_INGRESS, HISTORICAL_CORRELATION_SERVER,
HOSTCONTEXT, OFFLINE_FORWARDER, QVMPROCESSOR, REPORTING_EXECUTOR, TOMCAT, JAVA>",
    "enabled": true,
    "metric_id": "String",
    "time_resolution": 42
  }
]
```

GET /health/metrics/qradar_metrics/{id}

SUMMARY

Retrieves the JSA health metric identified by ID.

Retrieves the JSA health metric identified by ID.

Table 1462: GET /health/metrics/qradar_metrics/{id} resource details

GET /health/metrics/qradar_metrics/{id} resource details

MIME Type

application/json

Table 1463: GET /health/metrics/qradar_metrics/{id} request parameter details

GET /health/metrics/qradar_metrics/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	The metric_id of the metric to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1464: GET /health/metrics/qradar_metrics/{id} response codes

GET /health/metrics/qradar_metrics/{id} response codes

HTTP Response Code	Unique Code	Description
200		The JSA resource defined by the QRadarMetric DTO.
404	1013	404 The metric identified by metric_id does not exist.
500	1020	500 Internal Server Error.

Response Description

The JSA resource defined by the QRadarMetric DTO.

- **Id** - String - Unique ID of the metric.
- **time_resolution** - Long - Time frequency in milliseconds at which the metric is polled.
- **component_name** - String - JSA component name to query the mbean.
- **component_type** - Enumeration - JSA component type to query the mbean.
- **enabled** - String - Boolean to represent if the metric is enabled or not.

Response Sample

```
{
  "component_name": "String",
  "component_type": "String <one of: ACCUMULATOR, ARIEL_PROXY_SERVER, ARIEL_QUERY_SERVER,
ARC_BUILDER, ASSETPROFILER, ECS_EP, ECS_EC, ECS_EC_INGRESS, HISTORICAL_CORRELATION_SERVER,
HOSTCONTEXT, OFFLINE_FORWARDER, QVMPROCESSOR, REPORTING_EXECUTOR, TOMCAT, JAVA>",
  "enabled": true,
  "metric_id": "String",
  "time_resolution": 42
}
```

POST /health/metrics/qradar_metrics/{id}

SUMMARY

Updates the time_resolution and enable field of a JSA metric identified by metric ID.

Updates the time_resolution and enable field of a JSA metric identified by metric ID.

Table 1465: POST /health/metrics/qradar_metrics/{id} resource details

POST /health/metrics/qradar_metrics/{id} resource details

MIME Type

application/json

Table 1466: POST /health/metrics/qradar_metrics/{id} request parameter details

POST /health/metrics/qradar_metrics/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	The metric_id of the metric to get.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1467: POST /health/metrics/qradar_metrics/{id} request body details

POST /health/metrics/qradar_metrics/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
qradar_metric	Object	application/json	The updated QRadar Metric DTO with time_resolution and enabled fields. Only the enabled and the time_resolution fields are modifiable. Rest of the fields are ignored. The enabled field must be a valid boolean and time_resolution must be a valid long value.	{ "component_name": "String", "component_type": "String", "enabled": true, "metric_id": "String", "time_resolution": 42 }

Table 1468: POST /health/metrics/qradar_metrics/{id} response codes

POST /health/metrics/qradar_metrics/{id} response codes

HTTP Response Code	Unique Code	Description
200		The Metric was retrieved.
404	1013	404 The metric identified by metric_id does not exist
422	1010	422 The time_resolution cannot be less than 5000.
500	1020	500 Internal Server Error.

Response Description

An Metric objects identified by the metric_id. A Metric object contains the following fields:

- **Id** - String - The ID of the metric to update.
- **qradar_metric** - QradarMetric DTO - The updated QRadar Metric DTO with time_resolution and enabled fields. Only the enabled and the time_resolution fields are modifiable. Rest of the fields are ignored. The enabled field must be a valid boolean and time_resolution must be a valid long value.

Response Sample

```
{
  "component_name": "String",
  "component_type": "String <one of: ACCUMULATOR, ARIEL_PROXY_SERVER, ARIEL_QUERY_SERVER,
ARC_BUILDER, ASSETPROFILER, ECS_EP, ECS_EC, ECS_EC_INGRESS, HISTORICAL_CORRELATION_SERVER,
HOSTCONTEXT, OFFLINE_FORWARDER, QVMPROCESSOR, REPORTING_EXECUTOR, TOMCAT, JAVA>",
  "enabled": true,
  "metric_id": "String",
  "time_resolution": 42
}
```

POST /health/metrics/qradar_metrics_global_config

SUMMARY

Updates the frequency and enabled fields of all the qradar metrics.

Updates the frequency and enabled fields of all the qradar metrics.

Table 1469: POST /health/metrics/qradar_metrics_global_config resource details

POST /health/metrics/qradar_metrics_global_config resource details

MIME Type

application/json

Table 1470: POST /health/metrics/qradar_metrics_global_config request parameter details

POST /health/metrics/qradar_metrics_global_config request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1471: POST /health/metrics/qradar_metrics_global_config request body details

POST /health/metrics/qradar_metrics_global_config request body details

Parameter	Data Type	MIME Type	Description	Sample
global_config	Object	application/json	GlobalMetricConfiguration DTO. This DTO has time_resolution and enabled fields in JSON format.	{ "enabled": true, "time_resolution": 42 }

Table 1472: POST /health/metrics/qradar_metrics_global_config response codes

POST /health/metrics/qradar_metrics_global_config response codes

HTTP Response Code	Unique Code	Description
200		Global system metric configuration resource defined by the GlobalMetricConfiguration DTO.
422	1010	The time_resolution value cannot be less than 5000.
422	1014	Time_resolution and enabled both cannot be empty.
500	1020	Internal Server Error.

Response Description

Global system metric configuration resource defined by the GlobalMetricConfiguration DTO.

- **global_config** - The GlobalMetricConfiguration DTO provides the time_resolution and enabled fields in JSON format.

Response Sample

```
{
  "enabled": true,
  "time_resolution": 42
}
```

GET /health/metrics/system_metrics

SUMMARY

Gets the list of system metrics.

Gets the list of system metrics.

Table 1473: GET /health/metrics/system_metrics resource details

GET /health/metrics/system_metrics resource details

MIME Type

application/json

Table 1474: GET /health/metrics/system_metrics request parameter details

GET /health/metrics/system_metrics request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1475: GET /health/metrics/system_metrics response codes

GET /health/metrics/system_metrics response codes

HTTP Response Code	Unique Code	Description
200		A list of system metrics defined by the SystemMetric DTO.
500	1020	Internal Server Error.

Response Description

A list of system metrics defined by the SystemMetric DTO.

- **metric_id** - String - Unique ID of the metric.
- **time_resolution** - Long - Time frequency in milliseconds at which the metric is polled.
- **enabled** - String - Boolean to enable or disable the metric.

Response Sample

```
[
  {
    "enabled": true,
    "metric_id": "String",
    "time_resolution": 42
  }
]
```

GET /health/metrics/system_metrics/{id}

SUMMARY

Retrieves the system health metric identified by metric ID.

Retrieves the system health metric identified by metric ID.

Table 1476: GET /health/metrics/system_metrics/{id} resource details

GET /health/metrics/system_metrics/{id} resource details

MIME Type

application/json

Table 1477: GET /health/metrics/system_metrics/{id} request parameter details

GET /health/metrics/system_metrics/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	The metric_id of the metric to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1478: GET /health/metrics/system_metrics/{id} response codes

GET /health/metrics/system_metrics/{id} response codes

HTTP Response Code	Unique Code	Description
200		System metric defined by SystemMetric DTO for the given metric ID.
404	1013	404 Resource Not Found if the metric_id does not exist.
500	1020	500 Internal Server Error.

Response Description

System metric defined by SystemMetric DTO for the given metric ID.

- **metric_id** - String - The ID of the metric.
- **time_resolution** - Long - Time frequency in milliseconds at which the metric is polled.

- **enabled** - String - Boolean to represent if the metric is enabled or not.

Response Sample

```
{
  "enabled": true,
  "metric_id": "String",
  "time_resolution": 42
}
```

POST /health/metrics/system_metrics/{id}

SUMMARY

Enable or disable a system metric identified by metric ID

Enable or disable a system metric identified by metric ID

Table 1479: POST /health/metrics/system_metrics/{id} resource details

POST /health/metrics/system_metrics/{id} resource details

MIME Type

application/json

Table 1480: POST /health/metrics/system_metrics/{id} request parameter details

POST /health/metrics/system_metrics/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	The metric_id of the metric to get.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1481: POST /health/metrics/system_metrics/{id} request body details

POST /health/metrics/system_metrics/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
system_metric	Object	application/json	The updated SystemMetric DTO with enabled field. Only the enable field is modifiable. Rest of the fields are ignored. The enable field must be a valid boolean value.	{ "enabled": true, "metric_id": "String", "time_resolution": 42 }

Table 1482: POST /health/metrics/system_metrics/{id} response codes

POST /health/metrics/system_metrics/{id} response codes

HTTP Response Code	Unique Code	Description
200		Metric resource defined by the SystemMetric DTO.
404	1013	404 Resource Not Found if the metric_id does not exist.
500	1020	500 Internal Server Error.

Response Description

Metric resource defined by the SystemMetric DTO.

- **Id** - String - The ID of the metric to update.
- **system_metric** - SystemMetric DTO - The updated System Metric DTO with enabled field. Only the enable field is modifiable. The rest of the fields are ignored. The enable field must be a valid boolean value.

Response Sample

```
{
  "enabled": true,
  "metric_id": "String",
  "time_resolution": 42
}
```

POST /health/metrics/system_metrics_global_config

SUMMARY

Updates the frequency and enabled value of all the qradar metrics identified by metric_id parameter.

Updates the frequency and enabled fields of all the system metrics.

Table 1483: POST /health/metrics/system_metrics_global_config resource details

POST /health/metrics/system_metrics_global_config resource details

MIME Type

application/json

Table 1484: POST /health/metrics/system_metrics_global_config request parameter details

POST /health/metrics/system_metrics_global_config request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1485: POST /health/metrics/system_metrics_global_config request body details

POST /health/metrics/system_metrics_global_config request body details

Parameter	Data Type	MIME Type	Description	Sample
global_config	Object	application/json	GlobalMetricConfiguration DTO. This DTO has time_resolution and enabled fields in JSON format.	{ "enabled": true, "time_resolution": 42 }

Table 1486: POST /health/metrics/system_metrics_global_config response codes

POST /health/metrics/system_metrics_global_config response codes

HTTP Response Code	Unique Code	Description
200		Global system metric configuration resource defined by the GlobalMetricConfiguration DTO.

Table 1486: POST /health/metrics/system_metrics_global_config response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	1010	The time_resolution value cannot be less than 5000.
422	1014	Time_resolution and enabled both cannot be empty.
500	1020	Internal Server Error.

Response Description

A GlobalMetricConfiguration DTO. A GlobalMetricConfiguration object contains the following fields:

- **global_config** - The GlobalMetricConfiguration DTO provides the time_resolution and enabled fields in JSON format.

Response Sample

```
{
  "enabled": true,
  "time_resolution": 42
}
```

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CHAPTER

Health_Data Endpoints

Health_Data Endpoints | 1636

Health_Data Endpoints

SUMMARY

Use the references for REST API 16.0 health_data endpoints.

IN THIS SECTION

- [GET /health_data/security_data_count | 1636](#)
- [GET /health_data/top_offenses | 1638](#)
- [GET /health_data/top_rules | 1640](#)

GET /health_data/security_data_count

SUMMARY

Retrieves count of security artifacts in JSA.

Retrieves count of security artifacts in JSA.

Table 1487: GET /health_data/security_data_count resource details

GET /health_data/security_data_count resource details

MIME Type

application/json

Table 1488: GET /health_data/security_data_count request parameter details

GET /health_data/security_data_count request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1489: GET /health_data/security_data_count response codes

GET /health_data/security_data_count response codes

HTTP Response Code	Unique Code	Description
200		The security count were retrieved.
403	1009	Access Forbidden for Non Admin users.
422	1005	Unprocessable Entity. Invalid field parameter.

Response Description

An array of SecurityDataCount objects. A SecurityDataCount object contains the following fields:

- **assets** - Int - The number of assets in the system.
- **offenses** - Int - The number of offenses in the system.
- **rules** - Int - The number of rules in the system.
- **log_sources** - Int - The number of log sources in the system.
- **vulnerabilities** - Int - The number of vulnerabilities in the system.

Response Sample

```
{
  "assets": 42,
  "log_sources": 42,
  "offenses": 42,
  "rules": 42,
  "vulnerabilities": 42
}
```

GET /health_data/top_offenses

SUMMARY

Retrieves Top Offenses in the system sorted by update count.

Retrieves Top Offenses in the system sorted by update count

Table 1490: GET /health_data/top_offenses resource details

GET /health_data/top_offenses resource details

MIME Type

application/json

Table 1491: GET /health_data/top_offenses request parameter details

GET /health_data/top_offenses request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1492: GET /health_data/top_offenses response codes

GET /health_data/top_offenses response codes

HTTP Response Code	Unique Code	Description
200		The Top Offenses were retrieved.
403	1009	Access Forbidden for Non Admin users.
422	1005	Unprocessable Entity. Invalid field, filter or Range parameter.

Response Description

An array of TopOffenseData objects. A TopOffenseData object contains the following fields:

- **offense_name** - String - The offense name.
- **offense_id** - Int - The offense id.
- **count** - Long - The update count of an offense.

Response Sample

```
[
  {
    "count": 42,
    "offense_id": 42,
    "offense_name": "String"
  }
]
```

GET /health_data/top_rules

SUMMARY

Retrieves Top Rules in the system sorted by response count.

Retrieves Top Rules in the system sorted by response count

Table 1493: GET /health_data/top_rules resource details

GET /health_data/top_rules resource details

MIME Type

application/json

Table 1494: GET /health_data/top_rules request parameter details

GET /health_data/top_rules request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1495: GET /health_data/top_rules response codes

GET /health_data/top_rules response codes

HTTP Response Code	Unique Code	Description
200		The Top Rules were retrieved.

Table 1495: GET /health_data/top_rules response codes (*Continued*)

HTTP Response Code	Unique Code	Description
403	1009	Access Forbidden for Non Admin users.
422	1005	Unprocessable Entity. Invalid field, filter or Range parameter.

Response Description

An array of TopRuleData objects. A TopRuleData object contains the following fields:

- **rule_name** - String - The rule name.
- **rule_id** - Int - The rule id.
- **count** - Long - The response count of the rule.

Response Sample

```
[
  {
    "count": 42,
    "rule_id": 42,
    "rule_name": "String"
  }
]
```

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CHAPTER

Help Endpoints

Help Endpoints | 1644

Help Endpoints

SUMMARY

Use the references for REST API 16.0 help endpoints.

IN THIS SECTION

- [GET /help/endpoints | 1644](#)
- [GET /help/endpoints/{endpoint_id} | 1649](#)
- [GET /help/resources | 1653](#)
- [GET /help/resources/{resource_id} | 1656](#)
- [GET /help/versions | 1658](#)
- [GET /help/versions/{version_id} | 1660](#)

GET /help/endpoints

SUMMARY

Retrieves a list of endpoint documentation objects that are currently in the system.

Retrieves a list of endpoint documentation objects that are currently in the system.

Table 1496: GET /help/endpoints resource details

GET /help/endpoints resource details

MIME Type

application/json

Table 1497: GET /help/endpoints request parameter details

GET /help/endpoints request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1498: GET /help/endpoints response codes

GET /help/endpoints response codes

HTTP Response Code	Unique Code	Description
200		The endpoint documentation list was retrieved.
500	1020	An unexpected error has occurred.

Response Description

An array of endpoint documentation objects. An endpoint documentation object contains the following fields:

- **id** - Number - The ID of the endpoint documentation. This ID is not permanent. It might change any time services are restarted.
- **summary** - String - A brief summary of the endpoint.
- **deprecated** - Boolean - Returns true if the endpoint is deprecated. Returns false otherwise.
- **http_method** - String - The HTTP request type. One of OPTIONS, GET, HEAD, POST, PUT, DELETE, TRACE, CONNECT, PATCH.
- **error_responses** - Array of Objects - A list of potential error responses of this endpoint.
- **error_responses(response_code)** - Number - The HTTP code for this error response.
- **error_responses(description)** - String - The description for this error response.
- **error_responses(unique_code)** - Number - The unique code for this error response.
- **error_responses(response_code_description)** - String - The description of the response.
- **response_description** - String - The description of the response.
- **version** - String - The version of this endpoint.
- **success_responses** - Array of Objects - A list of potential success responses for this endpoint.
- **success_responses(response_code)** - Number - The HTTP code for this response.
- **success_responses(description)** - String - The description of this response.
- **success_responses(response_code_description)** - String - The name for the response code from RFC 2616.
- **description** - String - A description of this endpoint.
- **path** - String - The path of this endpoint.
- **response_mime_types** - Array of Objects - A list of possible response MIME types for this endpoint.
- **response_mime_types(mime_type)** - String - The MIME type value, e.g. TEXT_PLAIN
- **response_mime_types(media_type)** - String - The RFC style Media Type, e.g. text/plain This value is suitable for use in HTTP requests.
- **response_mime_types(sample)** - String - The sample of this response MIME type.
- **parameters** - Array of Objects - A list of user parameters for this endpoint.
- **parameters(description)** - String - A description of this parameter.

- **parameters(default_value)** - String - The default value of this parameter. Null if there is no default value for this parameter. This is always a String, regardless of the underlying data type of the parameter.
- **parameters(type)** - String - The type of parameter, one of QUERY, HEADER, PATH, BODY.
- **parameters(parameter_name)** - String - The name of this parameter.
- **parameters(mime_types)** - Array of Objects - A list of possible mime_types for this parameter.
- **parameters(mime_types(data_type))** - String - A description of the data type of this parameter.
- **parameters(mime_types(mime_type))** - String - The MIME type of the parameter.
- **parameters(mime_types(sample))** - String - The sample for this parameter.
- **resource_id** - Number - The ID of the associated resource.
- **last_modified_version** - String - The API version this endpoint was last modified. It is less than or equal to the version in the version field.
- **caller_has_access** - Boolean - True if the user has the required capabilities to call this endpoint, false otherwise.

Response Sample

```
[
  {
    "caller_has_access": true,
    "deprecated": true,
    "description": "String",
    "error_responses": [
      {
        "description": "String",
        "response_code": 42,
        "response_code_description": "String",
        "unique_code": 42
      }
    ],
    "http_method": "String <one of: OPTIONS, GET, HEAD, POST, PUT, DELETE, TRACE, CONNECT, PATCH>",
    "id": 42,
  }
]
```

```
"last_modified_version": "String",
"parameters": [
  {
    "default_value": "String",
    "description": "String",
    "mime_types": [
      {
        "data_type": "String",
        "mime_type": "String",
        "sample": "String"
      }
    ],
    "parameter_name": "String",
    "type": "String <one of: QUERY, HEADER, PATH, BODY>"
  }
],
"path": "String",
"resource_id": 42,
"response_description": "String",
"response_mime_types": [
  {
    "mime_type": "String",
    "sample": "String",
    "media_type": "String"
  }
],
"success_responses": [
  {
    "description": "String",
    "response_code": 42,
    "response_code_description": "String"
  }
],
"summary": "String",
"version": "String"
}
]
```

GET /help/endpoints/{endpoint_id}

SUMMARY

Retrieves a single endpoint documentation object.

Retrieves a single endpoint documentation object.

Table 1499: GET /help/endpoints/{endpoint_id} resource details

GET /help/endpoints/{endpoint_id} resource details

MIME Type

application/json

Table 1500: GET /help/endpoints/{endpoint_id} request parameter details

GET /help/endpoints/{endpoint_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
endpoint_id	path	Required	Number (Integer)	text/plain	The endpoint id.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1501: GET /help/endpoints/{endpoint_id} response codes

GET /help/endpoints/{endpoint_id} response codes

HTTP Response Code	Unique Code	Description
200		The endpoint documentation object was retrieved.
404	1002	No endpoint documentation object was found for the provided endpoint id.
500	1020	An unexpected error has occurred.

Response Description

An endpoint documentation object. An endpoint documentation object contains the following fields:

- **id** - Number - The ID of the endpoint documentation. This ID is not permanent. It might change any time services are restarted.
- **summary** - String - A brief summary of the endpoint.
- **deprecated** - Boolean - Returns true if the endpoint is deprecated. Returns false otherwise.
- **http_method** - String - The HTTP request type. One of OPTIONS, GET, HEAD, POST, PUT, DELETE, TRACE, CONNECT, PATCH.
- **error_responses** - Array of Objects - A list of potential error responses of this endpoint.
- **error_responses(response_code)** - Number - The HTTP code for this error response.
- **error_responses(description)** - String - The description for this error response.
- **error_responses(unique_code)** - Number - The unique code for this error response.
- **error_responses(response_code_description)** - String - The description of the response.
- **response_description** - String - The description of the response.
- **version** - String - The version of this endpoint.
- **success_responses** - Array of Objects - A list of potential success responses for this endpoint.
- **success_responses(response_code)** - Number - The HTTP code for this response.
- **success_responses(description)** - String - The description of this response.

- **success_responses(response_code_description)** - String - The name for the response code from RFC 2616.
- **description** - String - A description of this endpoint.
- **path** - String - The path of this endpoint.
- **response_mime_types** - Array of Objects - A list of possible response MIME types for this endpoint.
- **response_mime_types(mime_type)** - String - The MIME type value, e.g. TEXT_PLAIN
- **response_mime_types(media_type)** - String - The RFC style Media Type, e.g. text/plain This value is suitable for use in HTTP requests.
- **response_mime_types(sample)** - String - The sample of this response MIME type.
- **parameters** - Array of Objects - A list of user parameters for this endpoint.
- **parameters(description)** - String - A description of this parameter.
- **parameters(default_value)** - String - The default value of this parameter. Null if there is no default value for this parameter. This is always a String, regardless of the underlying data type of the parameter.
- **parameters(type)** - String - The type of parameter, one of QUERY, HEADER, PATH, BODY.
- **parameters(parameter_name)** - String - The name of this parameter.
- **parameters(mime_types)** - Array of Objects - A list of possible mime_types for this parameter.
- **parameters(mime_types(data_type))** - String - A description of the data type of this parameter.
- **parameters(mime_types(mime_type))** - String - The MIME type of the parameter.
- **parameters(mime_types(sample))** - String - The sample for this parameter.
- **resource_id** - Number - The ID of the associated resource.
- **last_modified_version** - String - The API version this endpoint was last modified. It will be less than or equal to the version in the version field.
- **caller_has_access** - Boolean - Returns true if the user has the required capabilities to call this endpoint. Returns false otherwise.

Response Sample

```
{
  "caller_has_access": true,
  "deprecated": true,
  "description": "String",
  "error_responses": [
    {
      "description": "String",
      "response_code": 42,
      "response_code_description": "String",
      "unique_code": 42
    }
  ],
  "http_method": "String <one of: OPTIONS, GET, HEAD, POST, PUT, DELETE, TRACE, CONNECT, PATCH>",
  "id": 42,
  "last_modified_version": "String",
  "parameters": [
    {
      "default_value": "String",
      "description": "String",
      "mime_types": [
        {
          "data_type": "String",
          "mime_type": "String",
          "sample": "String"
        }
      ],
      "parameter_name": "String",
      "type": "String <one of: QUERY, HEADER, PATH, BODY>"
    }
  ],
  "path": "String",
  "resource_id": 42,
  "response_description": "String",
  "response_mime_types": [
    {
      "mime_type": "String",
      "sample": "String"
    }
  ]
}
```

```

],
"success_responses": [
  {
    "description": "String",
    "response_code": 42,
    "response_code_description": "String"
  }
],
"summary": "String",
"version": "String"
}

```

GET /help/resources

SUMMARY

Retrieves a list of resource documentation objects currently in the system.

Retrieves a list of resource documentation objects currently in the system.

Table 1502: GET /help/resources resource details

GET /help/resources resource details

MIME Type

application/json

Table 1503: GET /help/resources request parameter details

GET /help/resources request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1504: GET /help/resources response codes

GET /help/resources response codes

HTTP Response Code	Unique Code	Description
200		The resource documentation list was retrieved.
500	1020	An unexpected error has occurred.

Response Description

An array of resource documentation objects. A resource documentation object contains the following fields:

- **id** - Number - The ID of the resource documentation object. This ID is not permanent. It might change any time services are restarted.
- **child_resource_ids** - Array of Numbers - A list of resource documentation IDs that are the children of this resource.
- **endpoint_ids** - Array of Numbers - A list of endpoint documentation IDs for endpoints on this resource.
- **resource** - String - The current resource.
- **path** - String - The full path of the current resource.
- **parent_resource_id** - Number - The resource documentation ID of the parent of this resource. Null if this is a root resource.
- **version** - String - The version of this resource.

Response Sample

```
[
  {
    "child_resource_ids": [
      42
    ],
    "endpoint_ids": [
      42
    ],
    "id": 42,
    "parent_resource_id": 42,
    "path": "String",
    "resource": "String",
    "version": "String"
  }
]
```

GET /help/resources/{resource_id}

SUMMARY

Retrieves a single resource documentation object.

Retrieves a single resource documentation object.

Table 1505: GET /help/resources/{resource_id} resource details

GET /help/resources/{resource_id} resource details

MIME Type

application/json

Table 1506: GET /help/resources/{resource_id} request parameter details

GET /help/resources/{resource_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
resource_id	path	Required	Number (Integer)	text/plain	The resource id.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1507: GET /help/resources/{resource_id} response codes

GET /help/resources/{resource_id} response codes

HTTP Response Code	Unique Code	Description
200		The resource documentation object was retrieved.
404	1002	No resource documentation object was found for the provided resource ID.
500	1020	An unexpected error has occurred.

Response Description

A resource documentation object. A resource documentation object contains the following fields:

- **id** - Number - The ID of the resource documentation object. This ID is not permanent. It might change any time services are restarted.
- **child_resource_ids** - Array of Numbers - A list of resource documentation IDs that are the children of this resource.
- **endpoint_ids** - Array of Numbers - A list of endpoint documentation IDs for endpoints on this resource.
- **resource** - String - The current resource.
- **path** - String - The full path of the current resource.
- **parent_resource_id** - Number - The resource documentation ID of the parent of this resource. Null if this is a root resource.
- **version** - String - The version of this resource.

Response Sample

```
{
  "child_resource_ids": [
    42
```

```
],  
  "endpoint_ids": [  
    42  
  ],  
  "id": 42,  
  "parent_resource_id": 42,  
  "path": "String",  
  "resource": "String",  
  "version": "String"  
}
```

GET /help/versions

SUMMARY

Retrieves a list of version documentation objects currently in the system.

Retrieves a list of version documentation objects currently in the system.

Table 1508: GET /help/versions resource details

GET /help/versions resource details

MIME Type

application/json

Table 1509: GET /help/versions request parameter details

GET /help/versions request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1510: GET /help/versions response codes

GET /help/versions response codes

HTTP Response Code	Unique Code	Description
200		The version documentation list was retrieved.
500	1020	An unexpected error has occurred.

Response Description

An array of version documentation objects. A version documentation object contains the following fields:

- **id** - Number - The ID of the version documentation object. This ID is not permanent. It might change any time services are restarted.
- **deprecated** - Boolean - Returns true if this version is deprecated. Returns false otherwise.
- **removed** - Boolean - Returns true if this version is removed. Returns false otherwise. Endpoints cannot be called from an API version that is removed.
- **root_resource_ids** - Array of Numbers - Resource IDs of the root resources in this version of the API.
- **version** - String - The API version that this version documentation represents.

Response Sample

```
[
  {
    "deprecated": true,
    "id": 42,
    "removed": true,
    "root_resource_ids": [
      42
    ],
    "version": "String"
  }
]
```

GET /help/versions/{version_id}

SUMMARY

Retrieves a single version documentation object.

Retrieves a single version documentation object.

Table 1511: GET /help/versions/{version_id} resource details

GET /help/versions/{version_id} resource details

MIME Type
application/json

Table 1512: GET /help/versions/{version_id} request parameter details

GET /help/versions/{version_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
version_id	path	Required	Number (Integer)	text/plain	The ID of the version documentation to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1513: GET /help/versions/{version_id} response codes

GET /help/versions/{version_id} response codes

HTTP Response Code	Unique Code	Description
200		The version documentation object was retrieved.
404	1002	No version documentation object was found for the provided version id.
500	1020	An unexpected error has occurred.

Response Description

A version documentation object. A version documentation object contains the following fields:

- **id** - Number - The ID of the version documentation object. This ID is not permanent. It might change any time services are restarted.
- **deprecated** - Boolean - Returns true if this version is deprecated. Returns false otherwise.
- **removed** - Boolean - Returns true if this version is removed. Returns false otherwise. Endpoints cannot be called with an API version that is removed.
- **root_resource_ids** - Array of Numbers - Resource IDs of the root resources in this version of the API.
- **version** - String - The API version that this version documentation represents.

Response Sample

```
{
  "deprecated": true,
  "id": 42,
  "removed": true,
  "root_resource_ids": [
    42
  ],
  "version": "String"
}
```


17

CHAPTER

JSA Risk Manager Endpoints

JSA Risk Manager Endpoints | 1664

JSA Risk Manager Endpoints

SUMMARY

Use the references for REST API 16.0 JSA Risk Manager endpoints.

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GET /qrm/model_groups

SUMMARY

Retrieves a list of model groups.

Retrieves a list of model groups.

Table 1514: GET /qrm/model_groups resource details

GET /qrm/model_groups resource details

MIME Type

application/json

Table 1515: GET /qrm/model_groups request parameter details

GET /qrm/model_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1516: GET /qrm/model_groups response codes

GET /qrm/model_groups response codes

HTTP Response Code	Unique Code	Description
200		The model groups were retrieved.
500	1020	An error occurred during the attempt to retrieve the model groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
  }
]
```

```
}
]
```

DELETE /qrm/model_groups/{group_id}

SUMMARY

Deletes a model group.

Deletes a model group.

Table 1517: DELETE /qrm/model_groups/{group_id} resource details

DELETE /qrm/model_groups/{group_id} resource details

MIME Type

text/plain

Table 1518: DELETE /qrm/model_groups/{group_id} request parameter details

DELETE /qrm/model_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1519: DELETE /qrm/model_groups/{group_id} response codes

DELETE /qrm/model_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
204		The model group was deleted.
404	1002	The model group does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the model group.

Response Description

Response Sample

GET /qrm/model_groups/{group_id}

SUMMARY

Retrieves a model group.

Retrieves a model group.

Table 1520: GET /qrm/model_groups/{group_id} resource details

GET /qrm/model_groups/{group_id} resource details

MIME Type
application/json

Table 1521: GET /qrm/model_groups/{group_id} request parameter details

GET /qrm/model_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1522: GET /qrm/model_groups/{group_id} response codes

GET /qrm/model_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The model group was retrieved.
404	1002	The model group does not exist.
500	1020	An error occurred during the attempt to retrieve the model group.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
    42
  ],
  "child_items": [
    "String"
  ],
  "description": "String",
  "id": 42,
  "level": 42,
  "modified_time": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42,
  "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
```

```
VULNERABILITY_SAVED_SEARCH_GROUP>"
}
```

POST /qrm/model_groups/{group_id}

SUMMARY

Updates the owner of a model group.

Updates the owner of a model group.

Table 1523: POST /qrm/model_groups/{group_id} resource details

POST /qrm/model_groups/{group_id} resource details

MIME Type

application/json

Table 1524: POST /qrm/model_groups/{group_id} request parameter details

POST /qrm/model_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1524: POST /qrm/model_groups/{group_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1525: POST /qrm/model_groups/{group_id} request body details

POST /qrm/model_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_GR OUP, FLOW_SAVED_SEARCH_GR OUP, OFFENSE_SAVED_SEARCH_ GROUP, QRM_SAVED_SEARCH_GRO UP, MODEL_SAVED_SEARCH_GR OUP, QUESTION_SAVED_SEARCH_ _GROUP, SIMULATION_SAVED_SEARC H_GROUP, TOPOLOGY_SAVED_SEARCH_ _GROUP, ASSET_SAVED_SEARCH_GR OUP, VULNERABILITY_SAVED_SE ARCH_GROUP>" }

Table 1526: POST /qrm/model_groups/{group_id} response codes

POST /qrm/model_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The model group was updated.
404	1002	The model group does not exist.

Table 1526: POST /qrm/model_groups/{group_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the model group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the model group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
```

```

    42
  ],
  "child_items": [
    "String"
  ],
  "description": "String",
  "id": 42,
  "level": 42,
  "modified_time": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42,
  "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

GET /qrm/qrm_saved_search_groups

SUMMARY

Retrieves a list of QRM saved search groups.

Retrieves a list of QRM saved search groups.

Table 1527: GET /qrm/qrm_saved_search_groups resource details

GET /qrm/qrm_saved_search_groups resource details

MIME Type

application/json

Table 1528: GET /qrm/qrm_saved_search_groups request parameter details

GET /qrm/qrm_saved_search_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1529: GET /qrm/qrm_saved_search_groups response codes

GET /qrm/qrm_saved_search_groups response codes

HTTP Response Code	Unique Code	Description
200		The QRM saved search groups were returned.
500	1020	An error occurred during the attempt to retrieve the QRM saved search groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
```



```
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
  }
]
```

DELETE /qrm/qrm_saved_search_groups/{group_id}

SUMMARY

Deletes a QRM saved search group.

Deletes a QRM saved search group.

Table 1530: DELETE /qrm/qrm_saved_search_groups/{group_id} resource details

DELETE /qrm/qrm_saved_search_groups/{group_id} resource details

MIME Type

text/plain

Table 1531: DELETE /qrm/qrm_saved_search_groups/{group_id} request parameter details

DELETE /qrm/qrm_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1532: DELETE /qrm/qrm_saved_search_groups/{group_id} response codes

DELETE /qrm/qrm_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
204		The QRM saved search group was deleted.
404	1002	The QRM saved search group does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the QRM saved search group.

Response Description

Response Sample

GET /qrm/qrm_saved_search_groups/{group_id}

SUMMARY

Retrieves a QRM saved search group.

Retrieves a QRM saved search group.

Table 1533: GET /qrm/qrm_saved_search_groups/{group_id} resource details

GET /qrm/qrm_saved_search_groups/{group_id} resource details

MIME Type
application/json

Table 1534: GET /qrm/qrm_saved_search_groups/{group_id} request parameter details

GET /qrm/qrm_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1535: GET /qrm/qrm_saved_search_groups/{group_id} response codes

GET /qrm/qrm_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The QRM saved search group was retrieved.
404	1002	The QRM saved search group does not exist.
500	1020	An error occurred during the attempt to retrieve the QRM saved search group.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
    42
  ],
  "child_items": [
    "String"
  ],
  "description": "String",
  "id": 42,
  "level": 42,
  "modified_time": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42,
  "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
```

```
VULNERABILITY_SAVED_SEARCH_GROUP>"
}
```

POST /qrm/qrm_saved_search_groups/{group_id}

SUMMARY

Updates the owner of a QRM saved search group.

Updates the owner of a QRM saved search group.

Table 1536: POST /qrm/qrm_saved_search_groups/{group_id} resource details

POST /qrm/qrm_saved_search_groups/{group_id} resource details

MIME Type

application/json

Table 1537: POST /qrm/qrm_saved_search_groups/{group_id} request parameter details

POST /qrm/qrm_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1537: POST /qrm/qrm_saved_search_groups/{group_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1538: POST /qrm/qrm_saved_search_groups/{group_id} request body details

POST /qrm/qrm_saved_search_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_GRP, FLOW_SAVED_SEARCH_GRP, OFFENSE_SAVED_SEARCH_GROUP, QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GRP, QUESTION_SAVED_SEARCH_GROUP, SIMULATION_SAVED_SEARCH_GRP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GRP, VULNERABILITY_SAVED_SEARCH_GROUP>" }

Table 1539: POST /qrm/qrm_saved_search_groups/{group_id} response codes

POST /qrm/qrm_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The QRM saved search group was updated.
404	1002	The QRM saved search group does not exist.

Table 1539: POST /qrm/qrm_saved_search_groups/{group_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the QRM saved search group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the QRM saved search group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
```



```

"child_groups": [
  42
],
"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

GET /qrm/question_groups

SUMMARY

Retrieves a list of question groups.

Retrieves a list of question groups.

Table 1540: GET /qrm/question_groups resource details

GET /qrm/question_groups resource details

MIME Type

application/json

Table 1541: GET /qrm/question_groups request parameter details

GET /qrm/question_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1542: GET /qrm/question_groups response codes

GET /qrm/question_groups response codes

HTTP Response Code	Unique Code	Description
200		The question groups were retrieved.
500	1020	An error occurred during the attempt to retrieve the question groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
```

```

SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
  }
]

```

DELETE /qrm/question_groups/{group_id}

SUMMARY

Deletes a question group.

Deletes a question group.

Table 1543: DELETE /qrm/question_groups/{group_id} resource details

DELETE /qrm/question_groups/{group_id} resource details

MIME Type

text/plain

Table 1544: DELETE /qrm/question_groups/{group_id} request parameter details

DELETE /qrm/question_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1545: DELETE /qrm/question_groups/{group_id} response codes

DELETE /qrm/question_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
204		The question group was deleted.
404	1002	The question group does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the question group.

Response Description

Response Sample

GET /qrm/question_groups/{group_id}

SUMMARY

Retrieves a question group.

Retrieves a question group.

Table 1546: GET /qrm/question_groups/{group_id} resource details

GET /qrm/question_groups/{group_id} resource details

MIME Type
application/json

Table 1547: GET /qrm/question_groups/{group_id} request parameter details

GET /qrm/question_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1548: GET /qrm/question_groups/{group_id} response codes

GET /qrm/question_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The question group was retrieved.
404	1002	The question group does not exist.
500	1020	An error occurred during the attempt to retrieve the question group.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
    42
  ],
  "child_items": [
    "String"
  ],
  "description": "String",
  "id": 42,
  "level": 42,
  "modified_time": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42,
  "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
```

```
VULNERABILITY_SAVED_SEARCH_GROUP>"
}
```

POST /qrm/question_groups/{group_id}

SUMMARY

Updates the owner of a question group.

Updates the owner of a question group.

Table 1549: POST /qrm/question_groups/{group_id} resource details

POST /qrm/question_groups/{group_id} resource details

MIME Type

application/json

Table 1550: POST /qrm/question_groups/{group_id} request parameter details

POST /qrm/question_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1550: POST /qrm/question_groups/{group_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1551: POST /qrm/question_groups/{group_id} request body details

POST /qrm/question_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_GRP, FLOW_SAVED_SEARCH_GRP, OFFENSE_SAVED_SEARCH_GRP, QRM_SAVED_SEARCH_GRP, MODEL_SAVED_SEARCH_GRP, QUESTION_SAVED_SEARCH_GRP, SIMULATION_SAVED_SEARCH_GRP, TOPOLOGY_SAVED_SEARCH_GRP, ASSET_SAVED_SEARCH_GRP, VULNERABILITY_SAVED_SEARCH_GRP>" }

Table 1552: POST /qrm/question_groups/{group_id} response codes

POST /qrm/question_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The question group was updated.
404	1002	The question group does not exist.

Table 1552: POST /qrm/question_groups/{group_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the question group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the question group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
```

```

"child_groups": [
  42
],
"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

GET /qrm/simulation_groups

SUMMARY

Retrieves a of list the simulation groups.

Retrieves a list of the simulation groups.

Table 1553: GET /qrm/simulation_groups resource details

GET /qrm/simulation_groups resource details

MIME Type

application/json

Table 1554: GET /qrm/simulation_groups request parameter details

GET /qrm/simulation_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1555: GET /qrm/simulation_groups response codes

GET /qrm/simulation_groups response codes

HTTP Response Code	Unique Code	Description
200		The simulation groups were retrieved.
500	1020	An error occurred during the attempt to retrieve the simulation groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
```

```
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
  }
]
```

DELETE /qrm/simulation_groups/{group_id}

SUMMARY

Deletes a simulation group.

Deletes a simulation group.

Table 1556: DELETE /qrm/simulation_groups/{group_id} resource details

DELETE /qrm/simulation_groups/{group_id} resource details

MIME Type

text/plain

Table 1557: DELETE /qrm/simulation_groups/{group_id} request parameter details

DELETE /qrm/simulation_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1558: DELETE /qrm/simulation_groups/{group_id} response codes

DELETE /qrm/simulation_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
204		The simulation group has been deleted.
404	1002	The simulation group does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the simulation group.

Response Description

Response Sample

GET /qrm/simulation_groups/{group_id}

SUMMARY

Retrieves a simulation group.

Retrieves a simulation group.

Table 1559: GET /qrm/simulation_groups/{group_id} resource details

GET /qrm/simulation_groups/{group_id} resource details

MIME Type
application/json

Table 1560: GET /qrm/simulation_groups/{group_id} request parameter details

GET /qrm/simulation_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1561: GET /qrm/simulation_groups/{group_id} response codes

GET /qrm/simulation_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The simulation group were retrieved.
404	1002	The simulation group does not exist.
500	1020	An error occurred during the attempt to retrieve the simulation group.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
    42
  ],
  "child_items": [
    "String"
  ],
  "description": "String",
  "id": 42,
  "level": 42,
  "modified_time": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42,
  "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
```

```
VULNERABILITY_SAVED_SEARCH_GROUP>"
}
```

POST /qrm/simulation_groups/{group_id}

SUMMARY

Updates the owner of a simulation group.

Updates the owner of a simulation group.

Table 1562: POST /qrm/simulation_groups/{group_id} resource details

POST /qrm/simulation_groups/{group_id} resource details

MIME Type

application/json

Table 1563: POST /qrm/simulation_groups/{group_id} request parameter details

POST /qrm/simulation_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1563: POST /qrm/simulation_groups/{group_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1564: POST /qrm/simulation_groups/{group_id} request body details

POST /qrm/simulation_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_GR OUP, FLOW_SAVED_SEARCH_GR OUP, OFFENSE_SAVED_SEARCH_ GROUP, QRM_SAVED_SEARCH_GRO UP, MODEL_SAVED_SEARCH_GR OUP, QUESTION_SAVED_SEARCH_ _GROUP, SIMULATION_SAVED_SEARC H_GROUP, TOPOLOGY_SAVED_SEARCH_ _GROUP, ASSET_SAVED_SEARCH_GR OUP, VULNERABILITY_SAVED_SE ARCH_GROUP>" }

Table 1565: POST /qrm/simulation_groups/{group_id} response codes

POST /qrm/simulation_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The simulation group was updated.
404	1002	The simulation group does not exist.

Table 1565: POST /qrm/simulation_groups/{group_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the simulation group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the simulation group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
```

```

"child_groups": [
  42
],
"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

GET /qrm/topology_saved_search_groups

SUMMARY

Retrieves a list of topology saved search groups.

Retrieves a list of topology saved search groups.

Table 1566: GET /qrm/topology_saved_search_groups resource details

GET /qrm/topology_saved_search_groups resource details

MIME Type

application/json

Table 1567: GET /qrm/topology_saved_search_groups request parameter details

GET /qrm/topology_saved_search_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1568: GET /qrm/topology_saved_search_groups response codes

GET /qrm/topology_saved_search_groups response codes

HTTP Response Code	Unique Code	Description
200		The topology saved search groups were returned.
500	1020	An error occurred during the attempt to retrieve the topology saved search groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
```

```
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
  }
]
```

DELETE /qrm/topology_saved_search_groups/{group_id}

SUMMARY

Deletes a topology saved search group.

Deletes a topology saved search group.

Table 1569: DELETE /qrm/topology_saved_search_groups/{group_id} resource details

DELETE /qrm/topology_saved_search_groups/{group_id} resource details

MIME Type

text/plain

Table 1570: DELETE /qrm/topology_saved_search_groups/{group_id} request parameter details

DELETE /qrm/topology_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1571: DELETE /qrm/topology_saved_search_groups/{group_id} response codes

DELETE /qrm/topology_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
204		The topology saved search group was deleted.
404	1002	The topology saved search group does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the topology saved search group.

Response Description

Response Sample

GET /qrm/topology_saved_search_groups/{group_id}

SUMMARY

Retrieves a topology saved search group.

Retrieves a topology saved search group.

Table 1572: GET /qrm/topology_saved_search_groups/{group_id} resource details

GET /qrm/topology_saved_search_groups/{group_id} resource details

MIME Type
application/json

Table 1573: GET /qrm/topology_saved_search_groups/{group_id} request parameter details

GET /qrm/topology_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1574: GET /qrm/topology_saved_search_groups/{group_id} response codes

GET /qrm/topology_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The topology saved search group was retrieved.
404	1002	The topology saved search group does not exist.
500	1020	An error occurred during the attempt to retrieve the topology saved search group.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
    42
  ],
  "child_items": [
    "String"
  ],
  "description": "String",
  "id": 42,
  "level": 42,
  "modified_time": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42,
  "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
```

```
VULNERABILITY_SAVED_SEARCH_GROUP>"
}
```

POST /qrm/topology_saved_search_groups/{group_id}

SUMMARY

Updates the owner of an topology saved search group.

Updates the owner of an topology saved search group.

Table 1575: POST /qrm/topology_saved_search_groups/{group_id} resource details

POST /qrm/topology_saved_search_groups/{group_id} resource details

MIME Type

application/json

Table 1576: POST /qrm/topology_saved_search_groups/{group_id} request parameter details

POST /qrm/topology_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1576: POST /qrm/topology_saved_search_groups/{group_id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1577: POST /qrm/topology_saved_search_groups/{group_id} request body details

POST /qrm/topology_saved_search_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_GR OUP, FLOW_SAVED_SEARCH_GR OUP, OFFENSE_SAVED_SEARCH_ GROUP, QRM_SAVED_SEARCH_GRO UP, MODEL_SAVED_SEARCH_GR OUP, QUESTION_SAVED_SEARCH_ _GROUP, SIMULATION_SAVED_SEARC H_GROUP, TOPOLOGY_SAVED_SEARCH_ _GROUP, ASSET_SAVED_SEARCH_GR OUP, VULNERABILITY_SAVED_SE ARCH_GROUP>" }

Table 1578: POST /qrm/topology_saved_search_groups/{group_id} response codes

POST /qrm/topology_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The topology saved search group was updated.
404	1002	The topology saved search group does not exist.

Table 1578: POST /qrm/topology_saved_search_groups/{group_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the topology saved search group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the topology saved search group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
```

```
"child_groups": [
  42
],
"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}
```

18

CHAPTER

JSA Vulnerability Manager Endpoints

JSA Vulnerability Manager Endpoints | 1722

JSA Vulnerability Manager Endpoints

SUMMARY

Use the references for REST API 16.0 JSA Vulnerability Manager endpoints.

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GET /qvm/assets

SUMMARY

List the assets with discovered vulnerabilities present in the asset model. The response will contain all available RESTful resources

Table 1579: GET /qvm/assets resource details

GET /qvm/assets resource details

MIME Type

application/json

Table 1580: GET /qvm/assets request parameter details

GET /qvm/assets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
savedSearchId	query	Optional	String	text/plain	Id of saved search
savedSearchName	query	Optional	String	text/plain	Saved search name

Table 1580: GET /qvm/assets request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filters	query	Optional	Array<Object >	application/ json	List of JSON objects for application of bespoke query search dataset filter. Format [{"parameter": "<value>", "operator": "<value>", "value": "<value>"}] e.g. [{"parameter": "IP Address", "operator": "Equals", "value": "10.100.85.111"}]

Table 1581: GET /qvm/assets response codes

GET /qvm/assets response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve vulnerabilities by asset completed successfully
420	9101	Invalid search parameters, search cannot be performed

Response Description

list of assets data

Response Sample

GET /qvm/filters

SUMMARY

Get a list of the allowable filters that can be used or applied against the:

- /qvm/assets
- /qvm/vulns
- /qvm/vulninstances
- /qvm/openservices
- /qvm/networks
- queries

Table 1582: GET /qvm/filters resource details

GET /qvm/filters resource details

MIME Type

application/json

There are no parameters for this endpoint.

Table 1583: GET /qvm/filters response codes

GET /qvm/filters response codes

HTTP Response Code	Unique Code	Description
200		The search executed successfully
420	9102	An error occurred while executing the search

Response Description

list of Filters.

Response Sample

GET /qvm/network

SUMMARY

List the networks present in the asset model with vulnerabilities present. The response will contain all available RESTful resources

Table 1584: GET /qvm/network resource details

GET /qvm/network resource details

MIME Type

application/json

Table 1585: GET /qvm/network request parameter details

GET /qvm/network request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
savedSearchId	query	Optional	String	text/plain	Id of saved search

Table 1585: GET /qvm/network request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
savedSearch Name	query	Optional	String	text/plain	Saved search name
filters	query	Optional	Array<Object >	application/json	List of JSON objects for application of bespoke query search dataset filter. Format [{"parameter": "<value>", "operator": "<value>", "value": "<value>"}] e.g. [{"parameter": "IP Address", "operator": "Equals", "value": "10.100.85.111"}]

Table 1586: GET /qvm/network response codes

GET /qvm/network response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve vulnerabilities by network completed successfully
420	9101	Invalid search parameters, search cannot be performed

Response Description

list of network related data

Response Sample

GET /qvm/openservices

SUMMARY

List the openservices present in the asset model with vulnerabilities present. The response will contain all available RESTful resources

Table 1587: GET /qvm/openservices resource details

GET /qvm/openservices resource details

MIME Type

application/json

Table 1588: GET /qvm/openservices request parameter details

GET /qvm/openservices request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
savedSearchId	query	Optional	String	text/plain	Id of saved search
savedSearchName	query	Optional	String	text/plain	Saved search name
filters	query	Optional	Array<Object>	application/json	List of JSON objects for application of bespoke query search dataset filter. Format [{"parameter": "<value>", "operator": "<value>", "value": "<value>"}] e.g. [{"parameter": "IP Address", "operator": "Equals", "value": "10.100.85.111"}]

Table 1589: GET /qvm/openservices response codes

GET /qvm/openservices response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve vulnerabilities by open service completed successfully
420	9101	Invalid search parameters, search cannot be performed

Response Description

list of open services related data

Response Sample

GET /qvm/saved_search_groups

SUMMARY

Retrieves a list of vulnerability saved search groups.

Retrieves a list of vulnerability saved search groups.

Table 1590: GET /qvm/saved_search_groups resource details

GET /qvm/saved_search_groups resource details

MIME Type

application/json

Table 1591: GET /qvm/saved_search_groups request parameter details

GET /qvm/saved_search_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1592: GET /qvm/saved_search_groups response codes

GET /qvm/saved_search_groups response codes

HTTP Response Code	Unique Code	Description
200		The vulnerability saved search groups were returned.

Table 1592: GET /qvm/saved_search_groups response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the vulnerability saved search groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ]
  }
]
```

```

    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
  }
]

```

DELETE /qvm/saved_search_groups/{group_id}

SUMMARY

Deletes a vulnerability saved search group.

Deletes a vulnerability saved search group.

Table 1593: DELETE /qvm/saved_search_groups/{group_id} resource details

DELETE /qvm/saved_search_groups/{group_id} resource details

MIME Type

text/plain

Table 1594: DELETE /qvm/saved_search_groups/{group_id} request parameter details

DELETE /qvm/saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1595: DELETE /qvm/saved_search_groups/{group_id} response codes

DELETE /qvm/saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
204		The vulnerability saved search group was deleted.
404	1002	The vulnerability saved search group does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the vulnerability saved search group.

Response Description

Response Sample

GET /qvm/saved_search_groups/{group_id}

SUMMARY

Retrieves a vulnerability saved search group.

Retrieves a vulnerability saved search group.

Table 1596: GET /qvm/saved_search_groups/{group_id} resource details

GET /qvm/saved_search_groups/{group_id} resource details

MIME Type

application/json

Table 1597: GET /qvm/saved_search_groups/{group_id} request parameter details

GET /qvm/saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1598: GET /qvm/saved_search_groups/{group_id} response codes

GET /qvm/saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The vulnerability saved search group was retrieved.
404	1002	The vulnerability saved search group does not exist.
422	1005	null
500	1020	An error occurred during the attempt to retrieve the vulnerability saved search group.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group. (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
```

```

"child_groups": [
  42
],
"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

POST /qvm/saved_search_groups/{group_id}

SUMMARY

Updates the owner of an vulnerability saved search group.

Updates the owner of an vulnerability saved search group.

Table 1599: POST /qvm/saved_search_groups/{group_id} resource details

POST /qvm/saved_search_groups/{group_id} resource details

MIME Type

application/json

Table 1600: POST /qvm/saved_search_groups/{group_id} request parameter details

POST /qvm/saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1601: POST /qvm/saved_search_groups/{group_id} request body details

POST /qvm/saved_search_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_GR OUP, FLOW_SAVED_SEARCH_GR OUP, OFFENSE_SAVED_SEARCH_ GROUP, QRM_SAVED_SEARCH_GRO UP, MODEL_SAVED_SEARCH_GR OUP, QUESTION_SAVED_SEARCH_ _GROUP, SIMULATION_SAVED_SEARC H_GROUP, TOPOLOGY_SAVED_SEARCH_ _GROUP, ASSET_SAVED_SEARCH_GR OUP, VULNERABILITY_SAVED_SE ARCH_GROUP>" }

Table 1602: POST /qvm/saved_search_groups/{group_id} response codes

POST /qvm/saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The vulnerability saved search group was updated.
404	1002	The vulnerability saved search group does not exist.

Table 1602: POST /qvm/saved_search_groups/{group_id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the vulnerability saved search group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the vulnerability saved search group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default groups can have localized names).
- **description** - String - The description of the group (default groups can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
```

```

"child_groups": [
  42
],
"child_items": [
  "String"
],
"description": "String",
"id": 42,
"level": 42,
"modified_time": 42,
"name": "String",
"owner": "String",
"parent_id": 42,
"type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
}

```

GET /qvm/saved_searches

SUMMARY

Retrieves a list of vulnerability instance saved searches.

Retrieves a list of vulnerability instance saved searches.

Table 1603: GET /qvm/saved_searches resource details

GET /qvm/saved_searches resource details

MIME Type

application/json

Table 1604: GET /qvm/saved_searches request parameter details

GET /qvm/saved_searches request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1605: GET /qvm/saved_searches response codes

GET /qvm/saved_searches response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve the list of vulnerability instance saved searches completed successfully.
500	1020	An error occurred while trying to retrieve the list of saved searches.

Response Description

A list of vulnerability instance saved searches that can be used or applied against:

- /qvm/saved_searches/{saved_search_id}/vuln_instances
- /qvm/assets
- /qvm/vulns
- /qvm/openservices
- /qvm/networks

Each saved search that is returned includes an ID, name, and list of filters that make up this saved search.

Response Sample

```
[
  {
    "filters": [
      {
        "operator": "String",
        "parameter": "String",
        "value": "String"
      }
    ],
    "id": 42,
    "name": "String",
    "owner": "String"
  }
]
```


DELETE /qvm/saved_searches/{saved_search_id}

SUMMARY

Deletes a vulnerability saved search.

Deletes a vulnerability saved search.

Table 1606: DELETE /qvm/saved_searches/{saved_search_id} resource details

DELETE /qvm/saved_searches/{saved_search_id} resource details

MIME Type

text/plain

Table 1607: DELETE /qvm/saved_searches/{saved_search_id} request parameter details

DELETE /qvm/saved_searches/{saved_search_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
saved_search_id	path	Required	Number (Integer)	text/plain	null

Table 1608: DELETE /qvm/saved_searches/{saved_search_id} response codes

DELETE /qvm/saved_searches/{saved_search_id} response codes

HTTP Response Code	Unique Code	Description
204		The vulnerability saved search was deleted.
403	1009	You do not have the required capabilities to delete the vulnerability saved search.

Table 1608: DELETE /qvm/saved_searches/{saved_search_id} response codes *(Continued)*

HTTP Response Code	Unique Code	Description
404	1002	The vulnerability saved search does not exist.
500	1020	null

Response Description

Response Sample

GET /qvm/saved_searches/{saved_search_id}

SUMMARY

Retrieves a vulnerability instance saved search.

Retrieves a vulnerability instance saved search.

Table 1609: GET /qvm/saved_searches/{saved_search_id} resource details

GET /qvm/saved_searches/{saved_search_id} resource details

MIME Type

application/json

Table 1610: GET /qvm/saved_searches/{saved_search_id} request parameter details

GET /qvm/saved_searches/{saved_search_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
saved_search_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1611: GET /qvm/saved_searches/{saved_search_id} response codes

GET /qvm/saved_searches/{saved_search_id} response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve the list of vulnerability instance saved searches completed successfully.
404	1002	The saved search does not exist.
500	1020	An error occurred while trying to retrieve the vulnerability instance saved search.

Response Description

A vulnerability instance saved search that can be used or applied against:

- /qvm/saved_searches/{saved_search_id}/vuln_instances
- /qvm/assets
- /qvm/vulns
- /qvm/openservices
- /qvm/networks

The saved search contains an ID, name, and list of filters that make up this saved search.

Response Sample

```
{
  "filters": [
    {
      "operator": "String",
      "parameter": "String",
      "value": "String"
    }
  ],
  "id": 42,
  "name": "String",
  "owner": "String"
}
```

POST /qvm/saved_searches/{saved_search_id}

SUMMARY

Updates the vulnerability saved search owner only.

Updates the vulnerability saved search owner only.

Table 1612: POST /qvm/saved_searches/{saved_search_id} resource details

POST /qvm/saved_searches/{saved_search_id} resource details

MIME Type

application/json

Table 1613: POST /qvm/saved_searches/{saved_search_id} request parameter details

POST /qvm/saved_searches/{saved_search_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
saved_search_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1614: POST /qvm/saved_searches/{saved_search_id} request body details

POST /qvm/saved_searches/{saved_search_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
saved_search	Object	application/json	null	{ "filters": [{ "operator": "String", "parameter": "String", "value": "String" }], "id": 42, "name": "String", "owner": "String" }

Table 1615: POST /qvm/saved_searches/{saved_search_id} response codes

POST /qvm/saved_searches/{saved_search_id} response codes

HTTP Response Code	Unique Code	Description
200		The vulnerability saved search was updated.
403	1009	You do not have the required capabilities to update the vulnerability saved search.
404	1002	The vulnerability saved search does not exist.
409	1004	The provided user does not have the required capabilities to own the vulnerability saved search.
422	1005	A request parameter is not valid.
500	1020	null

Response Description

The vulnerability saved search after it was updated. A Vulnerability Saved Search object contains the following fields:

- **id** - Long - The ID of the asset saved search.
- **name** - String - The name of the asset saved search.

- **owner** - String - The owner of the asset saved search.
- **isShared** - Boolean - True if the asset saved search is shared with other users.
- **description** - String - The description of the asset saved search.
- **filters** - List of Strings - The asset saved search filters.
- **columns** - List of Strings - The asset saved search columns.

Response Sample

```
{
  "filters": [
    {
      "operator": "String",
      "parameter": "String",
      "value": "String"
    }
  ],
  "id": 42,
  "name": "String",
  "owner": "String"
}
```

GET /qvm/saved_searches/{saved_search_id}/vuln_instances

SUMMARY

Creates the Vulnerability Instances search. This search will return a maximum of 100,000 results.

Creates the Vulnerability Instances search. This search will return a maximum of 100,000 results.

Table 1616: GET /qvm/saved_searches/{saved_search_id}/vuln_instances resource details

GET /qvm/saved_searches/{saved_search_id}/vuln_instances resource details

MIME Type
application/json

Table 1617: GET /qvm/saved_searches/{saved_search_id}/vuln_instances request parameter details

GET /qvm/saved_searches/{saved_search_id}/vuln_instances request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
saved_search_id	path	Required	Number (Integer)	text/plain	ID of saved search
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1618: GET /qvm/saved_searches/{saved_search_id}/vuln_instances response codes

GET /qvm/saved_searches/{saved_search_id}/vuln_instances response codes

HTTP Response Code	Unique Code	Description
201		The vulnerability instance search is queued.
404	1002	null
500	1020	null

Response Description

The responses returns a task ID.

Response Sample

```
{
  "id": 42,
  "retention_period_in_days": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /qvm/saved_searches/vuln_instances/{task_id}/results/assets

SUMMARY

Lists the Vulnerability Instances assets that are returned from the vulnerability instance saved search.

Lists the Vulnerability Instances assets that are returned from the saved search.

Table 1619: GET /qvm/saved_searches/vuln_instances/{task_id}/results/assets resource details

GET /qvm/saved_searches/vuln_instances/{task_id}/results/assets resource details

MIME Type
application/json

Table 1620: GET /qvm/saved_searches/vuln_instances/{task_id}/results/assets request parameter details

GET /qvm/saved_searches/vuln_instances/{task_id}/results/assets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1621: GET /qvm/saved_searches/vuln_instances/{task_id}/results/assets response codes

GET /qvm/saved_searches/vuln_instances/{task_id}/results/assets response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve vulnerabilities by instance completed successfully.
404	1002	Resource not found.
500	1020	An error occurred while retrieving results.

Response Description

A list of assets associated with the vulnerability instance data.

Response Sample

```
[{"operating_systems": [{"last_seen_date": 42, "name": "String"}], "interfaces": [{"mac_address": "String", "last_seen_profiler": 42, "created": 42, "first_seen_scanner": 42, "last_seen_scanner": 42, "ip_addresses": [{"last_seen_profiler": 42, "created": 42, "network_name": "String", "first_seen_scanner": 42, "last_seen_scanner": 42, "id": 42, "type": "String", "first_seen_profiler": 42, "value": "String"}], "id": 42, "first_seen_profiler": 42}], "hostnames": ["String"], "id": 42, "risk_policies": [{"name": "String", "groups": ["String"], "last_evaluated": 42, "passed": true, "question_type": "String"}], "domain_id": 42, "properties": [{"last_reported": 42, "name": "String", "type_id": 42, "id": 42, "last_reported_by": "String", "value": "String"}]}
```

GET /qvm/saved_searches/vuln_instances/{task_id}/results/vuln_instances

SUMMARY

Lists the Vulnerability Instances returned from a vulnerability instance saved search.

Lists the Vulnerability Instances returned from a saved search.

Table 1622: GET /qvm/saved_searches/vuln_instances/{task_id}/results/vuln_instances resource details

GET /qvm/saved_searches/vuln_instances/{task_id}/results/vuln_instances resource details

MIME Type

application/json

Table 1623: GET /qvm/saved_searches/vuln_instances/{task_id}/results/vuln_instances request parameter details

GET /qvm/saved_searches/vuln_instances/{task_id}/results/vuln_instances request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1623: GET /qvm/saved_searches/vuln_instances/{task_id}/results/vuln_instances request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1624: GET /qvm/saved_searches/vuln_instances/{task_id}/results/vuln_instances response codes

GET /qvm/saved_searches/vuln_instances/{task_id}/results/vuln_instances response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve vulnerabilities by instance completed successfully.
404	1002	Resource not found
500	1020	An error occurred while retrieving results

Response Description

A list of vulnerability instance data.

Response Sample

```
[{"seen_by_scan_profile": "String", "last_seen_date": 42, "cvss_environmental_score_string":
"String", "ports": [42], "domain_id": 42, "critical_details": "String", "first_seen_date": 42,
"relevant_patches": [{"security_notice": "String", "patch_type": "String <one of: OS, NONOS>",
"description": "String"}], "vulnerability_id": 42, "asset_id": 42, "id": 42, "risk_score": 42.5,
"cvss_environmental_score": 42.5}]
```

GET /qvm/saved_searches/vuln_instances/{task_id}/results/vulnerabilities

SUMMARY

List the Vulnerability Instances vulnerabilities returned from the saved search.

Table 1625: GET /qvm/saved_searches/vuln_instances/{task_id}/results/vulnerabilities resource details

GET /qvm/saved_searches/vuln_instances/{task_id}/results/vulnerabilities resource details

MIME Type

application/json

Table 1626: GET /qvm/saved_searches/vuln_instances/{task_id}/results/vulnerabilities request parameter details

GET /qvm/saved_searches/vuln_instances/{task_id}/results/vulnerabilities request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1627: GET /qvm/saved_searches/vuln_instances/{task_id}/results/vulnerabilities response codes

GET /qvm/saved_searches/vuln_instances/{task_id}/results/vulnerabilities response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve vulnerabilities by instance completed successfully
404	1002	Resource not found
500	1020	Error while retrieving results

Response Description

list of vulnerability instance data

Response Sample

```
[{"severity": {"code": 42, "name": "String <one of: Patch, Urgent, Critical, High, Medium, Low>"}, "patches": [{"security_notice": "String", "description": "String"}], "description": "String", "cvss_base_score": 42.5, "cvss_temporal_score_string": "String", "cvss_base_score_string": "String", "critical_details": "String", "concern": "String", "remediation": "String", "cvss_temporal_score": 42.5, "osvdb_title": "String", "virtual_patches": [{"signature": "String", "qid": "String", "device": "String"}], "id": 42, "cve_ids": ["String"], "risk_factor": {"code": 42, "name": "String <one of: Critical, High, Medium, Low, Warning>"}]}
```

GET /qvm/saved_searches/vuln_instances/{task_id}/status

SUMMARY

Retrieves the current status of a vulnerability instance search that was initiated.

Retrieves the current status of a vulnerability instance search that was initiated.

Table 1628: GET /qvm/saved_searches/vuln_instances/{task_id}/status resource details

GET /qvm/saved_searches/vuln_instances/{task_id}/status resource details

MIME Type

application/json

Table 1629: GET /qvm/saved_searches/vuln_instances/{task_id}/status request parameter details

GET /qvm/saved_searches/vuln_instances/{task_id}/status request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1630: GET /qvm/saved_searches/vuln_instances/{task_id}/status response codes

GET /qvm/saved_searches/vuln_instances/{task_id}/status response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve the current status of the vulnerability instance search completed successfully.
404	1002	Resource not found.
500	1020	An error occurred while retrieving status.

Response Description

Returns the status of the selected vulnerability instance search.

Response Sample

```
{
  "id": 42,
  "retention_period_in_days": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

POST /qvm/saved_searches/vuln_instances/{task_id}/status

SUMMARY

Updates the status of a vulnerability instance saved search.

Updates the status of a vulnerability instance saved search.

Table 1631: POST /qvm/saved_searches/vuln_instances/{task_id}/status resource details

POST /qvm/saved_searches/vuln_instances/{task_id}/status resource details

MIME Type

application/json

Table 1632: POST /qvm/saved_searches/vuln_instances/{task_id}/status request parameter details

POST /qvm/saved_searches/vuln_instances/{task_id}/status request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	Required. The ID of the task to update.

Table 1632: POST /qvm/saved_searches/vuln_instances/{task_id}/status request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
status	query	Optional	String	text/plain	Optional. The only accepted value is CANCELLED. If this value is provided, the search is cancelled.
retention_period_in_days	query	Optional	Number (Integer)	text/plain	Optional. Set the data retention period in days for the results. Accepted values 0 - 14. Use 0 to delete a result at the next clean up cycle. Default data retention period is 2 days.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1633: POST /qvm/saved_searches/vuln_instances/{task_id}/status response codes

POST /qvm/saved_searches/vuln_instances/{task_id}/status response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve the list of vulnerability instance saved searches completed successfully.
403	1009	You do not have the proper capabilities to retrieve the Vulnerability Instance Saved Search.
404	1002	Resource not found.

Table 1633: POST /qvm/saved_searches/vuln_instances/{task_id}/status response codes (*Continued*)

HTTP Response Code	Unique Code	Description
409	1004	The current status of the search prevented the task from being cancelled.
422	1005	A request parameter is not valid.
500	1020	An error occurred while retrieving status.

Response Description

Returns the status of the selected Vulnerability Instance search.

Response Sample

```
{
  "id": 42,
  "retention_period_in_days": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

POST /qvm/tickets/assign

SUMMARY

Update the remediation ticket for the assigned vulnerability

Table 1634: POST /qvm/tickets/assign resource details

POST /qvm/tickets/assign resource details

MIME Type
application/json

Table 1635: POST /qvm/tickets/assign request body details

POST /qvm/tickets/assign request body details

Parameter	Data Type	MIME Type	Description	Sample
ticket	JSON	application/json	<p>'ticketId': required</p> <p>'priority' one of required : Critical, Major, Minor, Warning, Informational</p> <p>'status' one of required : Opened, Fixed, Re-Opened, Closed</p> <p>'dueDate' Optional : yyyy-MM-dd HH:mm:ss</p> <p>'assignedUser' required : valid JSA user account name or a valid email</p> <p>'comment' Optional : text</p> <p>'commentUser' Optional : valid JSA user account name, if not included will default current API user.</p>	<pre>[{ "ticketId": "1000", "status": "Opened", "priority": "Critical", "dueDate": "2015-01-04 12:00:00", "assignedUser": "admin", "comment": "testComment", "commentUser": "admin" }]</pre>

Table 1636: POST /qvm/tickets/assign response codes

POST /qvm/tickets/assign response codes

HTTP Response Code	Unique Code	Description
200		The request to assign a ticket completed successfully
420	9104	An error occurred while trying to assign a ticket due to invalid arguments

Response Description

success message if update succeed

Response Sample

GET /qvm/vulns

SUMMARY

List the Vulnerabilities present in the asset model. The response will contain all available RESTful resources

Table 1637: GET /qvm/vulns resource details

GET /qvm/vulns resource details

MIME Type

application/json

Table 1638: GET /qvm/vulns request parameter details

GET /qvm/vulns request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
savedSearchId	query	Optional	String	text/plain	Id of saved search
savedSearchName	query	Optional	String	text/plain	Saved search name
filters	query	Optional	Array<Object>	application/json	List of JSON objects for application of bespoke query search dataset filter. Format [{"parameter": "<value>", "operator": "<value>", "value": "<value>"}] e.g. [{"parameter": "IP Address", "operator": "Equals", "value": "10.100.85.111"}]

Table 1639: GET /qvm/vulns response codes

GET /qvm/vulns response codes

HTTP Response Code	Unique Code	Description
200		The request to retrieve vulnerabilities completed successfully
420	9101	Invalid search parameters, search cannot be performed

Response Description

list of vulnerability data

Response Sample

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CHAPTER

Reference_Data_Collections Endpoints

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Reference_Data_Collections Endpoints

SUMMARY

Use the references for REST API 16.0 reference_data_collections endpoints.

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GET /reference_data_collections/set_bulk_update_tasks/{task_status_id}

SUMMARY

Get the Bulk Update status

Table 1640: GET /reference_data_collections/set_bulk_update_tasks/{task_status_id} resource details

GET /reference_data_collections/set_bulk_update_tasks/{task_status_id} resource details

MIME Type

application/json

Table 1641: GET /reference_data_collections/set_bulk_update_tasks/{task_status_id} request parameter details

GET /reference_data_collections/set_bulk_update_tasks/{task_status_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_status_id	path	Required	Number (Integer)	text/plain	- The ID for the Bulk Update task
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1642: GET /reference_data_collections/set_bulk_update_tasks/{task_status_id} response codes

GET /reference_data_collections/set_bulk_update_tasks/{task_status_id} response codes

HTTP Response Code	Unique Code	Description
200		The status for this bulk update request is was retrieved
404	23001	The task_status_id does not exist
500	110000	Some unspecified error occurred

Response Description

200 and the status for this bulk update request

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "error_code": 42,
  "error_message": "String",
  "id": 42,
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /reference_data_collections/set_bulk_update_tasks/ {task_status_id}/results

SUMMARY

Get the results of the Bulk Update task

Table 1643: GET /reference_data_collections/set_bulk_update_tasks/{task_status_id}/results resource details

GET /reference_data_collections/set_bulk_update_tasks/{task_status_id}/results resource details

MIME Type

application/json

Table 1644: GET /reference_data_collections/set_bulk_update_tasks/{task_status_id}/results request parameter details

GET /reference_data_collections/set_bulk_update_tasks/{task_status_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_status_id	path	Required	Number (Integer)	text/plain	The ID for Get Dependents task
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1645: GET /reference_data_collections/set_bulk_update_tasks/{task_status_id}/results response codes

GET /reference_data_collections/set_bulk_update_tasks/{task_status_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The multi-status response structure for the bulk update was retrieved
404	23001	The task_status_id does not exist
404	23003	The results are not available
500	110000	Some unspecified error occurred

Response Description

200 and a multi-status response structure for the bulk update

Response Sample

```
{
  "id": 42,
  "responses": [
    {
      "http_status": 42,
      "message": "String",
      "unique_code": 42
    }
  ],
  "status": "String <one of: COMPLETE_UPDATE_PERFORMED, PARTIAL_UPDATE_PERFORMED, UPDATE_ABORTED>",
  "successful_responses": 42,
  "total_responses": 42
}
```

GET /reference_data_collections/set_delete_tasks/{task_status_id}

SUMMARY

Get results of the asynchronous delete Set task

Table 1646: GET /reference_data_collections/set_delete_tasks/{task_status_id} resource details

GET /reference_data_collections/set_delete_tasks/{task_status_id} resource details

MIME Type

application/json

Table 1647: GET /reference_data_collections/set_delete_tasks/{task_status_id} request parameter details

GET /reference_data_collections/set_delete_tasks/{task_status_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_status_id	path	Required	Number (Integer)	text/plain	- The ID for the delete task
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1648: GET /reference_data_collections/set_delete_tasks/{task_status_id} response codes

GET /reference_data_collections/set_delete_tasks/{task_status_id} response codes

HTTP Response Code	Unique Code	Description
404	12003	The Delete task does not exist.
500	110000	An unknown server error occurred.

Response Description

200 and the task status for this Delete Set request

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /reference_data_collections/set_dependents_tasks/{task_status_id}

SUMMARY

Get the status of the Get Dependents task

Table 1649: GET /reference_data_collections/set_dependents_tasks/{task_status_id} resource details

GET /reference_data_collections/set_dependents_tasks/{task_status_id} resource details

MIME Type

application/json

Table 1650: GET /reference_data_collections/set_dependents_tasks/{task_status_id} request parameter details

GET /reference_data_collections/set_dependents_tasks/{task_status_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_status_id	path	Required	Number (Integer)	text/plain	- The ID for Get Dependents task
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1651: GET /reference_data_collections/set_dependents_tasks/{task_status_id} response codes

GET /reference_data_collections/set_dependents_tasks/{task_status_id} response codes

HTTP Response Code	Unique Code	Description
404	13007	The Get Dependents task does not exist.
500	110000	An unknown server error occurred.

Response Description

200 and the task status DTO for the Get Dependents request

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
```

```

"created": 42,
"created_by": "String",
"id": 42,
"maximum": 42,
"message": "String",
"modified": 42,
"name": "String",
"number_of_dependents": 42,
"progress": 42,
"started": 42,
"status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
"task_components": [
  {
    "completed": 42,
    "created": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /reference_data_collections/set_dependents_tasks/{task_status_id}

SUMMARY

Cancel the Get Dependents request

Table 1652: POST /reference_data_collections/set_dependents_tasks/{task_status_id} resource details

POST /reference_data_collections/set_dependents_tasks/{task_status_id} resource details

MIME Type

application/json

Table 1653: POST /reference_data_collections/set_dependents_tasks/{task_status_id} request parameter details

POST /reference_data_collections/set_dependents_tasks/{task_status_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_status_id	path	Required	Number (Integer)	text/plain	- The ID for the Get Dependents task
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1654: POST /reference_data_collections/set_dependents_tasks/{task_status_id} request body details

POST /reference_data_collections/set_dependents_tasks/{task_status_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	- the DTO of the Get Dependents Task Status with the cancel request	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1655: POST /reference_data_collections/set_dependents_tasks/{task_status_id} response codes

POST /reference_data_collections/set_dependents_tasks/{task_status_id} response codes

HTTP Response Code	Unique Code	Description
404	13003	The Get Dependents task does not exist.
409	13004	The task is in a completed state.
422	13005	A request parameter is not valid.
500	110000	An unknown server error occurred.

Response Description

200 and the task status DTO for the Get Dependents request

Response Sample

```

{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
  CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
  FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
  FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
  FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
  FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
  FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
  FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
  FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
  FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
  FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
  FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

```

    }
  ]
}

```

GET /reference_data_collections/set_dependents_tasks/{task_status_id}/results

SUMMARY

Get the results of the Get Dependents task

Table 1656: GET /reference_data_collections/set_dependents_tasks/{task_status_id}/results resource details

GET /reference_data_collections/set_dependents_tasks/{task_status_id}/results resource details

MIME Type

application/json

Table 1657: GET /reference_data_collections/set_dependents_tasks/{task_status_id}/results request parameter details

GET /reference_data_collections/set_dependents_tasks/{task_status_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_status_id	path	Required	Number (Integer)	text/plain	- The ID for Get Dependents task
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1657: GET /reference_data_collections/set_dependents_tasks/{task_status_id}/results request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1658: GET /reference_data_collections/set_dependents_tasks/{task_status_id}/results response codes

GET /reference_data_collections/set_dependents_tasks/{task_status_id}/results response codes

HTTP Response Code	Unique Code	Description
404	13009	The Get Dependents task does not exist.
500	110000	An unknown server error occurred.

Response Description

200 and a collection of Dependent DTO

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]
```

GET /reference_data_collections/set_entries

SUMMARY

Get a list of set entries which match a search criteria.

Table 1659: GET /reference_data_collections/set_entries resource details

GET /reference_data_collections/set_entries resource details

MIME Type

application/json

Table 1660: GET /reference_data_collections/set_entries request parameter details

GET /reference_data_collections/set_entries request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
entry_type	query	Optional	String	text/plain	Optional - One of {ALN, ALNIC, IP, NUM, PORT, DATE}. Use this to only include entries of the passed type, so that filtering and sorting on the value field, if any, will be type aware. This filter is applied first, before any other.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1660: GET /reference_data_collections/set_entries request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1661: GET /reference_data_collections/set_entries response codes

GET /reference_data_collections/set_entries response codes

HTTP Response Code	Unique Code	Description
422	24004	A filter on the value field contains an expression that cannot be converted to the requested entry type
422	24003	Unexpected value for the entry type parameter
422	24002	A parameter was not valid
422	24001	A filter criterion was not valid

Table 1661: GET /reference_data_collections/set_entries response codes *(Continued)*

HTTP Response Code	Unique Code	Description
500	110000	An unspecified error occurred

Response Description

200 plus a Collection of Set Entry Structure DTO

Response Sample

```
[
  {
    "collection_id": 42,
    "delete_entry": true,
    "domain_id": 42,
    "first_seen": 42,
    "id": 42,
    "last_seen": 42,
    "notes": "String",
    "source": "String",
    "value": "String"
  }
]
```

PATCH /reference_data_collections/set_entries

SUMMARY

Perform asynchronous bulk update - series of add and updates

Table 1662: PATCH /reference_data_collections/set_entries resource details

PATCH /reference_data_collections/set_entries resource details

MIME Type
application/json

Table 1663: PATCH /reference_data_collections/set_entries request parameter details

PATCH /reference_data_collections/set_entries request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1664: PATCH /reference_data_collections/set_entries request body details

PATCH /reference_data_collections/set_entries request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Array<Object >	application/ json	- the collection of set entries comprising the updates	[{ "collection_id": 42, "delete_entry": true, "domain_id": 42, "first_seen": 42, "id": 42, "last_seen": 42, "notes": "String", "source": "String", "value": "String" }]

Table 1665: PATCH /reference_data_collections/set_entries response codes

PATCH /reference_data_collections/set_entries response codes

HTTP Response Code	Unique Code	Description
202		The bulk update task has been created
403	23004	The operation was not allowed
404	23003	The resource specified was not found
422	23000	The collection id was not found
422	23002	A parameter is invalid
422	23005	An invalid domain ID was specified
500	110000	Some unspecified error occurred

Response Description

202 and the task status for this Bulk Update request

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "error_code": 42,
  "error_message": "String",
  "id": 42,
```

```
"modified": 42,  
"name": "String",  
"started": 42,  
"status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,  
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"  
}
```

POST /reference_data_collections/set_entries

SUMMARY

Create an entry within a set

Table 1666: POST /reference_data_collections/set_entries resource details

POST /reference_data_collections/set_entries resource details

MIME Type

application/json

Table 1667: POST /reference_data_collections/set_entries request parameter details

POST /reference_data_collections/set_entries request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1668: POST /reference_data_collections/set_entries request body details

POST /reference_data_collections/set_entries request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	- The Set Entry DTO specifying the new Set properties	{ "collection_id": 42, "delete_entry": true, "domain_id": 42, "first_seen": 42, "id": 42, "last_seen": 42, "notes": "String", "source": "String", "value": "String" }

Table 1669: POST /reference_data_collections/set_entries response codes

POST /reference_data_collections/set_entries response codes

HTTP Response Code	Unique Code	Description
422	20001	The entry body parameter was not specified
422	20002	The Set ID was not specified in the body parameter
422	20003	The value was not specified
422	20004	A Set with the specified ID was not found

Table 1669: POST /reference_data_collections/set_entries response codes (Continued)

HTTP Response Code	Unique Code	Description
422	20005	An invalid domain ID was specified
422	20006	The provided value does not match the collection entry type
422	20007	The value field exceeded the allowed limit.
422	20008	The notes field exceeded the allowed limit
500	110000	An unspecified server error occurred

Response Description

201 and the newly created Set Entry DTO. 200 if the entry was updated.

Response Sample

```
{
  "collection_id": 42,
  "delete_entry": true,
  "domain_id": 42,
  "first_seen": 42,
  "id": 42,
  "last_seen": 42,
  "notes": "String",
  "source": "String",
  "value": "String"
}
```

DELETE /reference_data_collections/set_entries/{id}

SUMMARY

Delete a set entry

Table 1670: DELETE /reference_data_collections/set_entries/{id} resource details

DELETE /reference_data_collections/set_entries/{id} resource details

MIME Type

text/plain

Table 1671: DELETE /reference_data_collections/set_entries/{id} request parameter details

DELETE /reference_data_collections/set_entries/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	- The ID for the Set Entry

Table 1672: DELETE /reference_data_collections/set_entries/{id} response codes

DELETE /reference_data_collections/set_entries/{id} response codes

HTTP Response Code	Unique Code	Description
403	22002	The operation was not allowed
404	22001	The entry was not found
500	110000	null

Response Description

204

Response Sample

GET /reference_data_collections/set_entries/{id}

SUMMARY

Get a set entry

Table 1673: GET /reference_data_collections/set_entries/{id} resource details

GET /reference_data_collections/set_entries/{id} resource details

MIME Type

application/json

Table 1674: GET /reference_data_collections/set_entries/{id} request parameter details

GET /reference_data_collections/set_entries/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	- The ID for the Set Entry

Table 1674: GET /reference_data_collections/set_entries/{id} request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1675: GET /reference_data_collections/set_entries/{id} response codes

GET /reference_data_collections/set_entries/{id} response codes

HTTP Response Code	Unique Code	Description
404	25000	The ID doesn't exist
500	110000	Some unspecified error occurred

Response Description

200 plus the Set Entry Structure DTO

Response Sample

```
{
  "collection_id": 42,
  "delete_entry": true,
  "domain_id": 42,
  "first_seen": 42,
```

```

    "id": 42,
    "last_seen": 42,
    "notes": "String",
    "source": "String",
    "value": "String"
  }

```

POST /reference_data_collections/set_entries/{id}

SUMMARY

Update a Set Entry given the properties based in the body DTO. Only the notes field can be modified in an existing entry. The source and last_seen timestamp will be updated automatically.

Table 1676: POST /reference_data_collections/set_entries/{id} resource details

POST /reference_data_collections/set_entries/{id} resource details

MIME Type

application/json

Table 1677: POST /reference_data_collections/set_entries/{id} request parameter details

POST /reference_data_collections/set_entries/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	- The ID for the Set Entry

Table 1677: POST /reference_data_collections/set_entries/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1678: POST /reference_data_collections/set_entries/{id} request body details

POST /reference_data_collections/set_entries/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	- The Set Entry DTO specifying the new Set properties	{ "collection_id": 42, "delete_entry": true, "domain_id": 42, "first_seen": 42, "id": 42, "last_seen": 42, "notes": "String", "source": "String", "value": "String" }

Table 1679: POST /reference_data_collections/set_entries/{id} response codes

POST /reference_data_collections/set_entries/{id} response codes

HTTP Response Code	Unique Code	Description
403	21002	The operation was not allowed
404	21000	The id could not be located
422	21001	null
422	21003	The notes field exceeded the allowed limit

Table 1679: POST /reference_data_collections/set_entries/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	110000	Unexpected internal server error

Response Description

200 and the updated Set DTO

Response Sample

```
{
  "collection_id": 42,
  "delete_entry": true,
  "domain_id": 42,
  "first_seen": 42,
  "id": 42,
  "last_seen": 42,
  "notes": "String",
  "source": "String",
  "value": "String"
}
```

GET /reference_data_collections/sets

SUMMARY

Get a list of set meta data information based on search criteria

Table 1680: GET /reference_data_collections/sets resource details

GET /reference_data_collections/sets resource details

MIME Type
application/json

Table 1681: GET /reference_data_collections/sets request parameter details

GET /reference_data_collections/sets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1682: GET /reference_data_collections/sets response codes

GET /reference_data_collections/sets response codes

HTTP Response Code	Unique Code	Description
422	14000	Parameter was not valid
422	14001	An error occurred while building the filter
500	110000	An unknown server error occurred.

Response Description

200 plus a Collection of Set Structure DTO

Response Sample

```
[
  {
    "creation_time": 42,
    "delete_entries": true,
    "entry_type": "String <one of: ALN, ALNIC, NUM, IP, PORT, DATE>",
    "expired_log_option": "String <one of: LOG_NONE, LOG_EACH, LOG_BATCH>",
    "expiry_type": "String <one of: FIRST_SEEN, LAST_SEEN, NO_EXPIRY>",
    "global_id": "String",
    "id": 42,
    "name": "String",
    "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
    "number_of_entries": 42,
    "tenant_id": 42,
    "time_to_live": 42
  }
]
```

```
}
]
```

POST /reference_data_collections/sets

SUMMARY

Create a set given the properties based in the body DTO

Table 1683: POST /reference_data_collections/sets resource details

POST /reference_data_collections/sets resource details

MIME Type

application/json

Table 1684: POST /reference_data_collections/sets request parameter details

POST /reference_data_collections/sets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1685: POST /reference_data_collections/sets request body details

POST /reference_data_collections/sets request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	- The Set DTO specifying the new Set properties. Both name and entry_type are required. Namespace, tenantid, expiry_type, time_to_live and expired_log_option are optional fields. All other fields will be ignored.	{ "creation_time": 42, "delete_entries": true, "entry_type": "String <one of: ALN, ALNIC, NUM, IP, PORT, DATE>", "expired_log_option": "String <one of: LOG_NONE, LOG_EACH, LOG_BATCH>", "expiry_type": "String <one of: FIRST_SEEN, LAST_SEEN, NO_EXPIRY>", "global_id": "String", "id": 42, "name": "String", "namespace": "String <one of: PRIVATE, SHARED, TENANT>", "number_of_entries": 42, "tenant_id": 42, "time_to_live": 42 }

Table 1686: POST /reference_data_collections/sets response codes

POST /reference_data_collections/sets response codes

HTTP Response Code	Unique Code	Description
409	10006	A collection with the same name already exists
422	10001	The entry_type field was not specified.
422	10002	The name field was not specified
422	10003	The TENANT namespace was specified but a valid tenant ID is required
422	10004	SHARED or PRIVATE namespace does not permit tenant_id to be specified

Table 1686: POST /reference_data_collections/sets response codes (Continued)

HTTP Response Code	Unique Code	Description
422	10005	The user does not have permission to create a collection in the provided namespace
422	10007	An invalid time_to_live value was specified
500	110000	An unspecified server error occurred

Response Description

201 and the newly created Set DTO

Response Sample

```
{
  "creation_time": 42,
  "delete_entries": true,
  "entry_type": "String <one of: ALN, ALNIC, NUM, IP, PORT, DATE>",
  "expired_log_option": "String <one of: LOG_NONE, LOG_EACH, LOG_BATCH>",
  "expiry_type": "String <one of: FIRST_SEEN, LAST_SEEN, NO_EXPIRY>",
  "global_id": "String",
  "id": 42,
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_entries": 42,
  "tenant_id": 42,
  "time_to_live": 42
}
```

DELETE /reference_data_collections/sets/{id}

SUMMARY

Delete a set by starting an asynchronous task

Table 1687: DELETE /reference_data_collections/sets/{id} resource details

DELETE /reference_data_collections/sets/{id} resource details

MIME Type

application/json

Table 1688: DELETE /reference_data_collections/sets/{id} request parameter details

DELETE /reference_data_collections/sets/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	- The ID for the Set collection
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1689: DELETE /reference_data_collections/sets/{id} response codes

DELETE /reference_data_collections/sets/{id} response codes

HTTP Response Code	Unique Code	Description
403	12001	The operation is not allowed.
404	12000	The reference set does not exist.
404	12002	The Delete task does not exist.
500	110000	An unknown server error occurred.

Response Description

202 and the task status for this Delete Set request

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /reference_data_collections/sets/{id}

SUMMARY

Get the meta data information for a specific set

Table 1690: GET /reference_data_collections/sets/{id} resource details

GET /reference_data_collections/sets/{id} resource details

MIME Type

application/json

Table 1691: GET /reference_data_collections/sets/{id} request parameter details

GET /reference_data_collections/sets/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	- The ID for the Set collection
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1692: GET /reference_data_collections/sets/{id} response codes

GET /reference_data_collections/sets/{id} response codes

HTTP Response Code	Unique Code	Description
404	15000	The reference set does not exist.
500	110000	An unknown server error occurred.

Response Description

200 plus the Set Structure DTO

Response Sample

```
{
  "creation_time": 42,
  "delete_entries": true,
  "entry_type": "String <one of: ALN, ALNIC, NUM, IP, PORT, DATE>",
  "expired_log_option": "String <one of: LOG_NONE, LOG_EACH, LOG_BATCH>",
  "expiry_type": "String <one of: FIRST_SEEN, LAST_SEEN, NO_EXPIRY>",
  "global_id": "String",
  "id": 42,
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_entries": 42,
  "tenant_id": 42,
  "time_to_live": 42
}
```


POST /reference_data_collections/sets/{id}

SUMMARY

Update a Set given the properties based in the body DTO

Table 1693: POST /reference_data_collections/sets/{id} resource details

POST /reference_data_collections/sets/{id} resource details

MIME Type

application/json

Table 1694: POST /reference_data_collections/sets/{id} request parameter details

POST /reference_data_collections/sets/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID for the Set collection
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1695: POST /reference_data_collections/sets/{id} request body details

POST /reference_data_collections/sets/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	The Set DTO specifying the updated Set properties that can be updated include expiry_type, time_to_live and expired_log_option. All other fields will be ignored. Also, optionally, the delete_entries field can be provided to empty the Set of all entries.	{ "creation_time": 42, "delete_entries": true, "entry_type": "String <one of: ALN, ALNIC, NUM, IP, PORT, DATE>", "expired_log_option": "String <one of: LOG_NONE, LOG_EACH, LOG_BATCH>", "expiry_type": "String <one of: FIRST_SEEN, LAST_SEEN, NO_EXPIRY>", "global_id": "String", "id": 42, "name": "String", "namespace": "String <one of: PRIVATE, SHARED, TENANT>", "number_of_entries": 42, "tenant_id": 42, "time_to_live": 42 }

Table 1696: POST /reference_data_collections/sets/{id} response codes

POST /reference_data_collections/sets/{id} response codes

HTTP Response Code	Unique Code	Description
404	11001	Indicates the Set with the specified ID does not exist
422	11002	The body parameter is missing from the request
422	11003	An invalid time_to_live value was specified
422	11004	The resulting time_to_live and expiry_type combination is not valid
500	110000	Unexpected internal server error

Response Description

200 and the updated Set DTO

Response Sample

```
{
  "creation_time": 42,
  "delete_entries": true,
  "entry_type": "String <one of: ALN, ALNIC, NUM, IP, PORT, DATE>",
  "expired_log_option": "String <one of: LOG_NONE, LOG_EACH, LOG_BATCH>",
  "expiry_type": "String <one of: FIRST_SEEN, LAST_SEEN, NO_EXPIRY>",
  "global_id": "String",
  "id": 42,
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_entries": 42,
  "tenant_id": 42,
  "time_to_live": 42
}
```

GET /reference_data_collections/sets/{id}/dependents

SUMMARY

Create an asynchronous task to get the dependents of a Set

Table 1697: GET /reference_data_collections/sets/{id}/dependents resource details

GET /reference_data_collections/sets/{id}/dependents resource details

MIME Type

application/json

Table 1698: GET /reference_data_collections/sets/{id}/dependents request parameter details

GET /reference_data_collections/sets/{id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	- The ID for the Set collection
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1699: GET /reference_data_collections/sets/{id}/dependents response codes

GET /reference_data_collections/sets/{id}/dependents response codes

HTTP Response Code	Unique Code	Description
404	13000	The reference set does not exist.
404	13001	The Get Dependents task does not exist.
500	110000	An unknown server error occurred.

Response Description

202 and the task status DTO for the Get Dependents request

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
```

```
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,  
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,  
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,  
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,  
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,  
FIND_DEPENDENT_FORWARDING_PROFILE>"  
    }  
  ]  
}
```

20

CHAPTER

Reference_Data Endpoints

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Reference_Data Endpoints

SUMMARY

Use the references for REST API 16.0 reference_data endpoints.

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GET /reference_data/map_delete_tasks/{task_id}

SUMMARY

Retrieves the delete reference data map task status.

Retrieves the delete reference data map task status.

Table 1700: GET /reference_data/map_delete_tasks/{task_id} resource details

GET /reference_data/map_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 1701: GET /reference_data/map_delete_tasks/{task_id} request parameter details

GET /reference_data/map_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1702: GET /reference_data/map_delete_tasks/{task_id} response codes

GET /reference_data/map_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.

Table 1702: GET /reference_data/map_delete_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1002	The delete task status does not exist.
500	1020	An error occurred during the attempt to retrieve the delete task status.

Response Description

A Delete Task Status object and the location header set to the task status url "/api/reference_data/maps/map_delete_tasks/{task_id}". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
```

```

    "id": 42,
    "message": "String",
    "modified": 42,
    "name": "String",
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
    EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
  }

```

GET /reference_data/map_dependent_tasks/{task_id}

SUMMARY

Retrieves the dependent reference data map task status.

Retrieves the dependent reference data map task status.

Table 1703: GET /reference_data/map_dependent_tasks/{task_id} resource details

GET /reference_data/map_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1704: GET /reference_data/map_dependent_tasks/{task_id} request parameter details

GET /reference_data/map_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 1704: GET /reference_data/map_dependent_tasks/{task_id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1705: GET /reference_data/map_dependent_tasks/{task_id} response codes

GET /reference_data/map_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.
404	1002	The delete task status does not exist.
500	1020	An error occurred during the attempt to retrieve the delete task status.

Response Description

A Dependent Task Status object and the location header set to the task status url `"/api/reference_data/maps/map_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.

- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested the cancellation the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{  
  "cancelled_by": "String",  
  "completed": 42,
```

```

"created": 42,
"created_by": "String",
"id": 42,
"maximum": 42,
"message": "String",
"modified": 42,
"name": "String",
"number_of_dependents": 42,
"progress": 42,
"started": 42,
"status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
"task_components": [
  {
    "completed": 42,
    "created": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```


POST /reference_data/map_dependent_tasks/{task_id}

SUMMARY

Cancels the dependent reference data map task.

Cancels the dependent reference data map task.

Table 1706: POST /reference_data/map_dependent_tasks/{task_id} resource details

POST /reference_data/map_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1707: POST /reference_data/map_dependent_tasks/{task_id} request parameter details

POST /reference_data/map_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1708: POST /reference_data/map_dependent_tasks/{task_id} request body details

POST /reference_data/map_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/ json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1709: POST /reference_data/map_dependent_tasks/{task_id} response codes

POST /reference_data/map_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete task status was retrieved.
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state
422	1005	A request parameter is not valid
500	1020	An error occurred during the attempt to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status url `"/api/reference_data/maps/map_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.

- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested the cancellation the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{  
  "cancelled_by": "String",
```

```

    "completed": 42,
    "created": 42,
    "created_by": "String",
    "id": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "name": "String",
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_components": [
        {
            "completed": 42,
            "created": 42,
            "maximum": 42,
            "message": "String",
            "modified": 42,
            "number_of_dependents": 42,
            "progress": 42,
            "started": 42,
            "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
            "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
        }
    ]
}

```

GET /reference_data/map_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the reference data map dependent task results.

Retrieves the reference data map dependent task results.

Table 1710: GET /reference_data/map_dependent_tasks/{task_id}/results resource details

GET /reference_data/map_dependent_tasks/{task_id}/results resource details

MIME Type

application/json

Table 1711: GET /reference_data/map_dependent_tasks/{task_id}/results request parameter details

GET /reference_data/map_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1712: GET /reference_data/map_dependent_tasks/{task_id}/results response codes

GET /reference_data/map_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The reference data map dependents were retrieved.
404	1002	The dependent task status does not exist.
500	1020	An error occurred during the attempt to retrieve the reference data maps.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource. (Default resources can have localized names)
- **dependent_owner** - String - The owner of the dependent resource
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - The true if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
```

```

    42
  ],
  "dependent_id": "String",
  "dependent_name": "String",
  "dependent_owner": "String",
  "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
  "user_has_edit_permissions": true
}
]

```

GET /reference_data/map_of_sets

SUMMARY

Retrieve a list of all reference map of sets.

Retrieve a list of all reference map of sets.

Table 1713: GET /reference_data/map_of_sets resource details

GET /reference_data/map_of_sets resource details

MIME Type
application/json

Table 1714: GET /reference_data/map_of_sets request parameter details

GET /reference_data/map_of_sets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1715: GET /reference_data/map_of_sets response codes

GET /reference_data/map_of_sets response codes

HTTP Response Code	Unique Code	Description
200		The reference map of sets list has been retrieved
500	1020	An error occurred while attempting to retrieve all of the reference map of sets

Response Description

A list of all of the reference map of sets. This returns information about the map of sets but not the contained data.

Response Sample

```
[
  {
    "collection_id": 42,
    "creation_time": 42,
    "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
    "key_label": "String",
    "name": "String",
    "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
    "number_of_elements": 42,
    "time_to_live": "String",
    "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
    "value_label": "String"
  }
]
```

POST /reference_data/map_of_sets

SUMMARY

Create a new reference map of sets.

Create a new reference map of sets.

Table 1716: POST /reference_data/map_of_sets resource details

POST /reference_data/map_of_sets resource details

MIME Type

application/json

Table 1717: POST /reference_data/map_of_sets request parameter details

POST /reference_data/map_of_sets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	query	Required	String	text/plain	Required - The name of the reference map of sets to create
element_type	query	Required	String	text/plain	Required - The element type for the values allowed in the reference map of sets. The allowed values are: ALN (alphanumeric), ALNIC (alphanumeric ignore case), IP (IP address), NUM (numeric), PORT (port number) or DATE. Note that date values need to be represented in milliseconds since the Unix Epoch January 1st 1970.

Table 1717: POST /reference_data/map_of_sets request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
key_label	query	Optional	String	text/plain	Optional - The label to describe the keys
value_label	query	Optional	String	text/plain	Optional - The label to describe the data values
timeout_type	query	Optional	String	text/plain	Optional - The allowed values are "FIRST_SEEN", "LAST_SEEN" and "UNKNOWN". The default value is "UNKNOWN". This indicates if the time_to_live interval is based on when the data was first seen or last seen.
time_to_live	query	Optional	String	text/plain	Optional - The time to live interval, for example: "1 month" or "5 minutes"
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1718: POST /reference_data/map_of_sets response codes

POST /reference_data/map_of_sets response codes

HTTP Response Code	Unique Code	Description
201		A new reference map of sets was successfully created

Table 1718: POST /reference_data/map_of_sets response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1004	The reference map of sets could not be created, the name provided is already in use. Please change the name and try again.
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to create the reference map of sets

Response Description

Information about the newly created reference map of sets.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
  "value_label": "String"
}
```

POST /reference_data/map_of_sets/bulk_load/{name}

SUMMARY

Adds or updates data in a reference map of sets.

Adds or updates data in a reference map of sets.

Table 1719: POST /reference_data/map_of_sets/bulk_load/{name} resource details

POST /reference_data/map_of_sets/bulk_load/{name} resource details

MIME Type

application/json

Table 1720: POST /reference_data/map_of_sets/bulk_load/{name} request parameter details

POST /reference_data/map_of_sets/bulk_load/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the map of sets to add or update data in.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1721: POST /reference_data/map_of_sets/bulk_load/{name} request body details

POST /reference_data/map_of_sets/bulk_load/{name} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Array	application/json	Required - The JSON-formatted data to add or update in the reference map of sets.	{ "key1":["Data11","Data12"], "key2":["Data21","Data22"], "key3":["Data31","Data32"], "key4":["Data41","Data42"], "key5":["Data51","Data52"], "key6":["Data61","Data62"] }

Table 1722: POST /reference_data/map_of_sets/bulk_load/{name} response codes

POST /reference_data/map_of_sets/bulk_load/{name} response codes

HTTP Response Code	Unique Code	Description
200		Data was successfully added or updated in the reference map of sets.
400	1001	An error occurred parsing the JSON-formatted message body.
404	1002	The reference map of sets does not exist.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to add or update data in the reference map of sets.

Response Description

Information about the reference map of sets where data was added or updated. This returns information about the reference map of sets but not the data that it contains.

Response Sample

```
{
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "name": "String",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

POST /reference_data/map_of_sets/bulk_load/{namespace}/{name}/ {domain_id}

SUMMARY

Adds or updates data in a reference map of sets.

Adds or updates data in a reference map of sets.

Table 1723: POST /reference_data/map_of_sets/bulk_load/{namespace}/{name}/{domain_id} resource details

POST /reference_data/map_of_sets/bulk_load/{namespace}/{name}/{domain_id} resource details

MIME Type

application/json

Table 1724: POST /reference_data/map_of_sets/bulk_load/{namespace}/{name}/{domain_id} request parameter details

POST /reference_data/map_of_sets/bulk_load/{namespace}/{name}/{domain_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
namespace	path	Required	String	text/plain	Required - Either SHARED or TENANT.
name	path	Required	String	text/plain	Required - The name of the map of sets to add or update data in.
domain_id	path	Required	String	text/plain	Required - Specify the numeric domain_id tag for the data or SHARED for Admin users. Must be a domain ID for which the caller has access.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1725: POST /reference_data/map_of_sets/bulk_load/{namespace}/{name}/{domain_id} request body details

POST /reference_data/map_of_sets/bulk_load/{namespace}/{name}/{domain_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Array	application/json	Required - The JSON-formatted data to add or update in the reference map of sets.	<pre>{ "key1":["Data11","Data12"], "key2":["Data21","Data22"], "key3":["Data31","Data32"], "key4":["Data41","Data42"], "key5":["Data51","Data52"], "key6":["Data61","Data62"]} </pre>

Table 1726: POST /reference_data/map_of_sets/bulk_load/{namespace}/{name}/{domain_id} response codes

POST /reference_data/map_of_sets/bulk_load/{namespace}/{name}/{domain_id} response codes

HTTP Response Code	Unique Code	Description
200		Data was successfully added or updated in the reference map of sets.
400	1001	An error occurred parsing the JSON-formatted message body.
404	1002	The reference map of sets does not exist.
404	1011	Domain not found
422	1005	A request parameter is not valid.
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
422	1015	The namespace parameter must be either SHARED or TENANT
500	1020	An error occurred during the attempt to add or update data in the reference map of sets.

Response Description

Information about the reference map of sets where data was added or updated. This returns information about the reference map of sets but not the data that it contains.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
  "value_label": "String"
}
```

DELETE /reference_data/map_of_sets/{name}

SUMMARY

Removes a map of sets or purges its contents.

Removes a map of sets or purges its contents.

Table 1727: DELETE /reference_data/map_of_sets/{name} resource details

DELETE /reference_data/map_of_sets/{name} resource details

MIME Type

application/json

Table 1728: DELETE /reference_data/map_of_sets/{name} request parameter details

DELETE /reference_data/map_of_sets/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference map of sets to remove or purge.
namespace	query	Optional	String	text/plain	- Default is SHARED for admin users and TENANT for tenant users. If purge_only is "true", the default is SHARED for all users.
purge_only	query	Optional	String	text/plain	Optional - The allowed values are "false" or "true". The default value is false. Indicates if the reference map of sets should have its contents purged (true), keeping the reference map of sets structure. If the value is "false", or not specified the reference map of sets is removed completely.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1729: DELETE /reference_data/map_of_sets/{name} response codes

DELETE /reference_data/map_of_sets/{name} response codes

HTTP Response Code	Unique Code	Description
202		The reference data map of sets deletion or purge request was accepted and is in progress.
404	1002	The reference map of sets does not exist.
422	1005	A request parameter is not valid.
422	1012	The namespace value of SHARED was expected.
422	1015	The collection could not be deleted.
500	1020	An error occurred during the attempt to remove or purge values from the reference map of sets.

Response Description

A status ID to retrieve the reference data map of sets deletion or purge status with at `/api/system/task_management/tasks/{status_id}`. You can also find the URL in the Location header.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
```

```
"status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /reference_data/map_of_sets/{name}

SUMMARY

Return the reference map of sets identified by name.

Return the reference map of sets identified by **name**. If provided, **limit** specifies the number of records to return starting at record specified by **offset**. If not specified, then the first 20 records will be returned.

Table 1730: GET /reference_data/map_of_sets/{name} resource details

GET /reference_data/map_of_sets/{name} resource details

MIME Type

application/json

Table 1731: GET /reference_data/map_of_sets/{name} request parameter details

GET /reference_data/map_of_sets/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference map of sets to retrieve
namespace	query	Optional	String	text/plain	Either SHARED or TENANT, default is SHARED.

Table 1731: GET /reference_data/map_of_sets/{name} request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1732: GET /reference_data/map_of_sets/{name} response codes

GET /reference_data/map_of_sets/{name} response codes

HTTP Response Code	Unique Code	Description
200		The reference map of sets has been retrieved
404	1002	The reference map of sets does not exist
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
500	1020	An error occurred while attempting to retrieve the reference map of sets

Response Description

The reference map of sets identified by the name specified in the request. The portion of the reference map of sets' data returned is dependent on the limit and offset specified in the request.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "data": {
    "String": [
      {
        "domain_id": 42,
        "first_seen": 42,
        "last_seen": 42,
        "source": "String",
        "value": "String"
      }
    ]
  },
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
  "value_label": "String"
}
```

POST /reference_data/map_of_sets/{name}

SUMMARY

Add or update an element in a reference map of sets.

Add or update an element in a reference map of sets.

Table 1733: POST /reference_data/map_of_sets/{name} resource details

POST /reference_data/map_of_sets/{name} resource details

MIME Type

application/json

Table 1734: POST /reference_data/map_of_sets/{name} request parameter details

POST /reference_data/map_of_sets/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference map of sets to add or update an element in
namespace	query	Optional	String	text/plain	- Either SHARED or TENANT, default is SHARED.
key	query	Required	String	text/plain	Required - The key of the set to add or update

Table 1734: POST /reference_data/map_of_sets/{name} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
value	query	Required	String	text/plain	Required - The value to add or update in the reference map of sets. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.
source	query	Optional	String	text/plain	Optional - This indicates where the data originated. The default value is 'reference data api'
domain_id	query	Optional	Number (Integer)	text/plain	Optional - This allows the domain id for the value to be specified. If null, the shared domain is used.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1735: POST /reference_data/map_of_sets/{name} response codes

POST /reference_data/map_of_sets/{name} response codes

HTTP Response Code	Unique Code	Description
200		The reference map of sets has had an element added or updated
404	1002	The reference map of sets does not exist

Table 1735: POST /reference_data/map_of_sets/{name} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1011	Domain not found
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
500	1020	An error occurred while attempting to add or update data in the reference map of sets

Response Description

Information about the reference map of sets that has had an element added or updated. This returns information about the reference map of sets but not the contained data.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
```

```
"value_label": "String"
}
```

GET /reference_data/map_of_sets/{name}/dependents

SUMMARY

Retrieves the objects that depend on the reference data map of sets.

Retrieves the objects that depend on the reference data map of sets.

Table 1736: GET /reference_data/map_of_sets/{name}/dependents resource details

GET /reference_data/map_of_sets/{name}/dependents resource details

MIME Type

application/json

Table 1737: GET /reference_data/map_of_sets/{name}/dependents request parameter details

GET /reference_data/map_of_sets/{name}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1738: GET /reference_data/map_of_sets/{name}/dependents response codes

GET /reference_data/map_of_sets/{name}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The reference data map of sets dependents retrieval was accepted and is in progress.
404	1002	The reference data map of sets does not exist.
500	1020	An error occurred during the attempt to initiate the reference data map of sets dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status url `"/api/reference_data/map_of_sets/map_of_sets_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.

- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of Task Component objects. A Task Component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task.
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
```

```

    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

DELETE /reference_data/map_of_sets/{name}/{key}

SUMMARY

Remove a value from a reference map of sets.

Remove a value from a reference map of sets.

Table 1739: DELETE /reference_data/map_of_sets/{name}/{key} resource details

DELETE /reference_data/map_of_sets/{name}/{key} resource details

MIME Type

application/json

Table 1740: DELETE /reference_data/map_of_sets/{name}/{key} request parameter details

DELETE /reference_data/map_of_sets/{name}/{key} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference map of sets to remove a value from
namespace	query	Optional	String	text/plain	- Either SHARED or TENANT, default is SHARED.
key	path	Required	String	text/plain	Required - The key of the value to remove
value	query	Required	String	text/plain	Required - The value to remove from the reference map of sets. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.
domain_id	query	Optional	Number (Integer)	text/plain	Optional - This allows the domain id for the value to be specified. If null, the shared domain is used.

Table 1740: DELETE /reference_data/map_of_sets/{name}/{key} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1741: DELETE /reference_data/map_of_sets/{name}/{key} response codes

DELETE /reference_data/map_of_sets/{name}/{key} response codes

HTTP Response Code	Unique Code	Description
200		The reference map of sets has had a value removed
404	1002	The reference map of sets does not exist
404	1003	The record does not exist in the reference map of sets
404	1011	Domain not found
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
500	1020	An error occurred while attempting to remove the reference map of sets value

Response Description

Information about the reference map of sets that had a value removed. This returns information about the reference map of sets but not the contained data.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
  "value_label": "String"
}
```

GET /reference_data/map_of_sets_delete_tasks/{task_id}

SUMMARY

Retrieves the delete reference data map of sets task status.

Retrieves the delete reference data map of sets task status.

Table 1742: GET /reference_data/map_of_sets_delete_tasks/{task_id} resource details

GET /reference_data/map_of_sets_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 1743: GET /reference_data/map_of_sets_delete_tasks/{task_id} request parameter details

GET /reference_data/map_of_sets_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1744: GET /reference_data/map_of_sets_delete_tasks/{task_id} response codes

GET /reference_data/map_of_sets_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.
404	1002	The delete task status does not exist.
500	1020	An error occurred during the attempt to retrieve the delete task status.

Response Description

A Delete Task Status object and the location header set to the task status url `"/api/reference_data/map_of_sets/map_of_sets_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /reference_data/map_of_sets_dependent_tasks/{task_id}

SUMMARY

Retrieves the dependent reference data map of sets task status.

Retrieves the dependent reference data map of sets task status.

Table 1745: GET /reference_data/map_of_sets_dependent_tasks/{task_id} resource details

GET /reference_data/map_of_sets_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1746: GET /reference_data/map_of_sets_dependent_tasks/{task_id} request parameter details

GET /reference_data/map_of_sets_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1747: GET /reference_data/map_of_sets_dependent_tasks/{task_id} response codes

GET /reference_data/map_of_sets_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The dependent task status does not exist.
500	1020	An error occurred during the attempt to retrieve the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/reference_data/map_of_sets/map_of_sets_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.

- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task.
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
```

```

    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /reference_data/map_of_sets_dependent_tasks/{task_id}

SUMMARY

Cancels the dependent reference data map of sets task.

Cancels the dependent reference data map of sets task.

Table 1748: POST /reference_data/map_of_sets_dependent_tasks/{task_id} resource details

POST /reference_data/map_of_sets_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1749: POST /reference_data/map_of_sets_dependent_tasks/{task_id} request parameter details

POST /reference_data/map_of_sets_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1750: POST /reference_data/map_of_sets_dependent_tasks/{task_id} request body details

POST /reference_data/map_of_sets_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1751: POST /reference_data/map_of_sets_dependent_tasks/{task_id} response codes

POST /reference_data/map_of_sets_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status url `"/api/reference_data/map_of_sets/map_of_sets_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task.
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
```

```

    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
    EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_components": [
      {
        "completed": 42,
        "created": 42,
        "maximum": 42,
        "message": "String",
        "modified": 42,
        "number_of_dependents": 42,
        "progress": 42,
        "started": 42,
        "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
    CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
        "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
    FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
    FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
    FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
    FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
    FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
    FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
    FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
    FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
    FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
    FIND_DEPENDENT_FORWARDING_PROFILE>"
      }
    ]
  }
}

```

GET /reference_data/map_of_sets_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the reference data map of sets dependent task results.

Retrieves the reference data map of sets dependent task results.

Table 1752: GET /reference_data/map_of_sets_dependent_tasks/{task_id}/results resource details

GET /reference_data/map_of_sets_dependent_tasks/{task_id}/results resource details

MIME Type
application/json

Table 1753: GET /reference_data/map_of_sets_dependent_tasks/{task_id}/results request parameter details

GET /reference_data/map_of_sets_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1754: GET /reference_data/map_of_sets_dependent_tasks/{task_id}/results response codes

GET /reference_data/map_of_sets_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The reference data map of sets dependents have been retrieved.
404	1002	The dependent task status does not exist.
500	1020	An error occurred during the attempt to retrieve the reference data map of sets.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource.
- **dependent_type** - String - The type of the dependent resource.
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
```

```

EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /reference_data/maps

SUMMARY

Retrieve a list of all reference maps.

Retrieve a list of all reference maps.

Table 1755: GET /reference_data/maps resource details

GET /reference_data/maps resource details

MIME Type

application/json

Table 1756: GET /reference_data/maps request parameter details

GET /reference_data/maps request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1757: GET /reference_data/maps response codes

GET /reference_data/maps response codes

HTTP Response Code	Unique Code	Description
200		The reference map list has been retrieved
500	1020	An error occurred while attempting to retrieve all of the reference maps

Response Description

A list of all of the reference maps. This returns information about the maps but not the contained data.

Response Sample

```
[
  {
    "collection_id": 42,
    "creation_time": 42,
    "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
    "key_label": "String",
    "name": "String",
    "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
    "number_of_elements": 42,
    "time_to_live": "String",
    "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
    "value_label": "String"
  }
]
```

POST /reference_data/maps

SUMMARY

Create a new reference map.

Create a new reference map.

Table 1758: POST /reference_data/maps resource details

POST /reference_data/maps resource details

MIME Type

application/json

Table 1759: POST /reference_data/maps request parameter details

POST /reference_data/maps request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	query	Required	String	text/plain	Required - The name of the reference map to create
key_label	query	Optional	String	text/plain	Optional - The label to describe the keys
value_label	query	Optional	String	text/plain	Optional - The label to describe the data values
element_type	query	Required	String	text/plain	Required - The element type for the values allowed in the reference map. The allowed values are: ALN (alphanumeric), ALNIC (alphanumeric ignore case), IP (IP address), NUM (numeric), PORT (port number) or DATE. Note that date values need to be represented in milliseconds since the Unix Epoch January 1st 1970.
timeout_type	query	Optional	String	text/plain	Optional - The allowed values are "FIRST_SEEN", "LAST_SEEN" and "UNKNOWN". The default value is "UNKNOWN". This indicates if the time_to_live interval is based on when the data was first seen or last seen.
time_to_live	query	Optional	String	text/plain	Optional - The time to live interval, for example: "1 month" or "5 minutes"

Table 1759: POST /reference_data/maps request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1760: POST /reference_data/maps response codes

POST /reference_data/maps response codes

HTTP Response Code	Unique Code	Description
201		A new reference map was successfully created
409	1004	The reference map could not be created, the name provided is already in use. Please change the name and try again.
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to create the reference map

Response Description

Information about the newly created reference map.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
  "value_label": "String"
}
```

POST /reference_data/maps/bulk_load/{name}

SUMMARY

Adds or updates data in a reference map.

Adds or updates data in a reference map.

Table 1761: POST /reference_data/maps/bulk_load/{name} resource details

POST /reference_data/maps/bulk_load/{name} resource details

MIME Type

application/json

Table 1762: POST /reference_data/maps/bulk_load/{name} request parameter details

POST /reference_data/maps/bulk_load/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of map to add or update data in.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1763: POST /reference_data/maps/bulk_load/{name} request body details

POST /reference_data/maps/bulk_load/{name} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Array	application/json	Required - The JSON-formatted data to add or update in the reference map.	{ "key1": "Data1", "key2": "Data2", "key3": "Data3", "key4": "Data4", "key5": "Data5", "key6": "Data6"}

Table 1764: POST /reference_data/maps/bulk_load/{name} response codes

POST /reference_data/maps/bulk_load/{name} response codes

HTTP Response Code	Unique Code	Description
200		Data was successfully added or updated in the reference map.
400	1001	An error occurred parsing the JSON-formatted message body.
404	1002	The reference map does not exist.

Table 1764: POST /reference_data/maps/bulk_load/{name} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to add or update data in the reference map.

Response Description

Information about the reference map where data was added or updated. This returns information about the reference map but not the data that it contains.

Response Sample

```
{
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "name": "String",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id}

SUMMARY

Adds or updates data in a reference map.

Adds or updates data in a reference map.

Table 1765: POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id} resource details

POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id} resource details

MIME Type

application/json

Table 1766: POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id} request parameter details

POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
namespace	path	Required	String	text/plain	Required - Either SHARED or TENANT.
name	path	Required	String	text/plain	Required - The name of map to add or update data in.
domain_id	path	Required	String	text/plain	Required - Specify the numeric domain_id tag for the data or SHARED for Admin users. Must be a domain ID for which the caller has access.

Table 1766: POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1767: POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id} request body details

POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Array	application/json	Required - The JSON-formatted data to add or update in the reference map.	{ "key1": "Data1", "key2": "Data2", "key3": "Data3", "key4": "Data4", "key5": "Data5", "key6": "Data6"}

Table 1768: POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id} response codes

POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id} response codes

HTTP Response Code	Unique Code	Description
200		Data was successfully added or updated in the reference map.
400	1001	An error occurred parsing the JSON-formatted message body.
404	1002	The reference map does not exist.

Table 1768: POST /reference_data/maps/bulk_load/{namespace}/{name}/{domain_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1011	Domain not found
422	1005	A request parameter is not valid.
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
422	1015	The namespace parameter must be either SHARED or TENANT
500	1020	An error occurred during the attempt to add or update data in the reference map.

Response Description

Information about the reference map where data was added or updated. This returns information about the reference map but not the data that it contains.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
```



```

"time_to_live": "String",
"timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
"value_label": "String"
}

```

DELETE /reference_data/maps/{name}

SUMMARY

Removes a reference map or purges its contents.

Removes a reference map or purges its contents.

Table 1769: DELETE /reference_data/maps/{name} resource details

DELETE /reference_data/maps/{name} resource details

MIME Type

application/json

Table 1770: DELETE /reference_data/maps/{name} request parameter details

DELETE /reference_data/maps/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference map to remove or purge.
namespace	query	Optional	String	text/plain	- Default is SHARED for admin users and TENANT for tenant users. If purge_only is "true", the default is SHARED for all users.

Table 1770: DELETE /reference_data/maps/{name} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
purge_only	query	Optional	String	text/plain	Optional - The allowed values are "false" or "true". The default value is false. Indicates if the reference map should have its contents purged (true), keeping the reference map structure. If the value is "false" or not specified the reference map is removed completely.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1771: DELETE /reference_data/maps/{name} response codes

DELETE /reference_data/maps/{name} response codes

HTTP Response Code	Unique Code	Description
202		The reference data maps deletion or purge request was accepted and is in progress.
404	1002	The reference map does not exist.
422	1005	A request parameter is not valid.
422	1012	The namespace value of SHARED was expected.

Table 1771: DELETE /reference_data/maps/{name} response codes *(Continued)*

HTTP Response Code	Unique Code	Description
422	1015	The collection could not be deleted.
500	1020	An error occurred during the attempt to remove or purge values from the reference map.

Response Description

A status ID to retrieve the reference data maps deletion or purge status with at /api/system/task_management/tasks/{status_id}. You can also find the URL in the Location header.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /reference_data/maps/{name}

SUMMARY

Retrieve the reference map identified by name.

Retrieve the reference map identified by **name**. If provided, **limit** specifies the number of records to return starting at record specified by **offset**. If not specified, then the first 20 records will be returned.

Table 1772: GET /reference_data/maps/{name} resource details

GET /reference_data/maps/{name} resource details

MIME Type

application/json

Table 1773: GET /reference_data/maps/{name} request parameter details

GET /reference_data/maps/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference map to retrieve
namespace	query	Optional	String	text/plain	Either SHARED or TENANT, default is SHARED.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1773: GET /reference_data/maps/{name} request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1774: GET /reference_data/maps/{name} response codes

GET /reference_data/maps/{name} response codes

HTTP Response Code	Unique Code	Description
200		The reference map has been retrieved
404	1002	The reference map does not exist
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
500	1020	An error occurred while attempting to retrieve the reference map

Response Description

The reference map identified by the name specified in the request. The portion of the reference map's data returned is dependent on the limit and offset specified in the request.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "data": {
    "String": {
      "domain_id": 42,
      "first_seen": 42,
      "last_seen": 42,
      "source": "String",
      "value": "String"
    }
  },
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
  "value_label": "String"
}
```

POST /reference_data/maps/{name}

SUMMARY

Add or update an element in a reference map.

Add or update an element in a reference map.

Table 1775: POST /reference_data/maps/{name} resource details

POST /reference_data/maps/{name} resource details

MIME Type

application/json

Table 1776: POST /reference_data/maps/{name} request parameter details

POST /reference_data/maps/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference map to add or update an element in
namespace	query	Optional	String	text/plain	- Either SHARED or TENANT, default is SHARED.
key	query	Required	String	text/plain	Required - The key who's value we want to add or update
value	query	Required	String	text/plain	Required - The value to add or update in the reference map. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.

Table 1776: POST /reference_data/maps/{name} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
source	query	Optional	String	text/plain	Optional - An indication of where the data originated. The default value is 'reference data api'
domain_id	query	Optional	Number (Integer)	text/plain	Optional - This allows the domain id for the value to be specified. If null, the shared domain is used.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1777: POST /reference_data/maps/{name} response codes

POST /reference_data/maps/{name} response codes

HTTP Response Code	Unique Code	Description
200		The reference map has had an element added or updated
404	1002	The reference map does not exist
404	1011	Domain not found
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected

Table 1777: POST /reference_data/maps/{name} response codes *(Continued)*

HTTP Response Code	Unique Code	Description
422	1014	The domain_id parameter must be specified
500	1020	An error occurred while attempting to add or update data in the reference map

Response Description

Information about the reference map that had an element added or updated. This returns information about reference map but not the contained data.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
  "value_label": "String"
}
```

GET /reference_data/maps/{name}/dependents

SUMMARY

Retrieves the objects that depend on the reference data map.

Retrieves the objects that depend on the reference data map.

Table 1778: GET /reference_data/maps/{name}/dependents resource details

GET /reference_data/maps/{name}/dependents resource details

MIME Type

application/json

Table 1779: GET /reference_data/maps/{name}/dependents request parameter details

GET /reference_data/maps/{name}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1780: GET /reference_data/maps/{name}/dependents response codes

GET /reference_data/maps/{name}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The reference data map dependents retrieval was accepted and is in progress.
404	1002	The reference data map does not exist.
500	1020	An error occurred during the attempt to initiate the reference data map dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/reference_data/maps/map_dependents_tasks/{task_id}"`. A dependent task status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested the cancellation the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.

- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
```

```

    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

DELETE /reference_data/maps/{name}/{key}

SUMMARY

Remove a value from a reference map.

Remove a value from a reference map.

Table 1781: DELETE /reference_data/maps/{name}/{key} resource details

DELETE /reference_data/maps/{name}/{key} resource details

MIME Type

application/json

Table 1782: DELETE /reference_data/maps/{name}/{key} request parameter details

DELETE /reference_data/maps/{name}/{key} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference map to remove a value from
namespace	query	Optional	String	text/plain	- Either SHARED or TENANT, default is SHARED.
key	path	Required	String	text/plain	Required - The key of the value to remove
value	query	Required	String	text/plain	Required - The value to remove from the reference map. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.
domain_id	query	Optional	Number (Integer)	text/plain	Optional - This allows the domain id for the value to be specified. If null, the shared domain is used.

Table 1782: DELETE /reference_data/maps/{name}/{key} request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1783: DELETE /reference_data/maps/{name}/{key} response codes

DELETE /reference_data/maps/{name}/{key} response codes

HTTP Response Code	Unique Code	Description
200		The reference map has had a value removed
404	1002	The reference map does not exist
404	1003	The record does not exist in the reference map
404	1011	Domain not found
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
500	1020	An error occurred while attempting to remove the value from the reference map

Response Description

Information about the reference map that had an element removed. This returns information about map but not the contained data.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>",
  "value_label": "String"
}
```

GET /reference_data/set_delete_tasks/{task_id}

SUMMARY

Retrieves the delete reference data set task status.

Retrieves the delete reference data set task status.

Table 1784: GET /reference_data/set_delete_tasks/{task_id} resource details

GET /reference_data/set_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 1785: GET /reference_data/set_delete_tasks/{task_id} request parameter details

GET /reference_data/set_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1786: GET /reference_data/set_delete_tasks/{task_id} response codes

GET /reference_data/set_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.
404	1002	The delete task status does not exist.
500	1020	An error occurred during the attempt to retrieve the delete task status.

Response Description

A Delete Task Status object and the location header set to the task status url `"/api/reference_data/sets/set_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /reference_data/set_dependent_tasks/{task_id}

SUMMARY

Retrieves the dependent reference data set task status.

Retrieves the dependent reference data set task status.

Table 1787: GET /reference_data/set_dependent_tasks/{task_id} resource details

GET /reference_data/set_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1788: GET /reference_data/set_dependent_tasks/{task_id} request parameter details

GET /reference_data/set_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1789: GET /reference_data/set_dependent_tasks/{task_id} response codes

GET /reference_data/set_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The dependent task status does not exist.
500	1020	An error occurred during the attempt to retrieve the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status URL `"/api/reference_data/sets/set_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested cancellation of the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.

- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
```

```

    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /reference_data/set_dependent_tasks/{task_id}

SUMMARY

Cancels the dependent reference data set task.

Cancels the dependent reference data set task.

Table 1790: POST /reference_data/set_dependent_tasks/{task_id} resource details

POST /reference_data/set_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1791: POST /reference_data/set_dependent_tasks/{task_id} request parameter details

POST /reference_data/set_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1792: POST /reference_data/set_dependent_tasks/{task_id} request body details

POST /reference_data/set_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1793: POST /reference_data/set_dependent_tasks/{task_id} response codes

POST /reference_data/set_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status url `"/api/reference_data/sets/set_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested cancellation of the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.

- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
```

```

    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

GET /reference_data/set_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the reference data set dependent task results.

Retrieves the reference data set dependent task results.

Table 1794: GET /reference_data/set_dependent_tasks/{task_id}/results resource details

GET /reference_data/set_dependent_tasks/{task_id}/results resource details

MIME Type

application/json

Table 1795: GET /reference_data/set_dependent_tasks/{task_id}/results request parameter details

GET /reference_data/set_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1796: GET /reference_data/set_dependent_tasks/{task_id}/results response codes

GET /reference_data/set_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The reference data set dependents were retrieved.
404	1002	The dependent task status does not exist.
500	1020	An error occurred during the attempt to retrieve the reference data sets.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource.
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
```

```

EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /reference_data/sets

SUMMARY

Retrieve a list of all reference sets.

Retrieve a list of all reference sets.

Table 1797: GET /reference_data/sets resource details

GET /reference_data/sets resource details

MIME Type

application/json

Table 1798: GET /reference_data/sets request parameter details

GET /reference_data/sets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1799: GET /reference_data/sets response codes

GET /reference_data/sets response codes

HTTP Response Code	Unique Code	Description
200		The reference set list has been retrieved
500	1020	An error occurred while attempting to retrieve all of the reference sets

Response Description

A list of all of the reference sets. This returns information about the sets but not the contained data.

Response Sample

```
[
  {
    "collection_id": 42,
    "creation_time": 42,
    "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
    "name": "String",
    "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
    "number_of_elements": 42,
    "time_to_live": "String",
    "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
  }
]
```

POST /reference_data/sets

SUMMARY

Create a new reference set.

Create a new reference set.

Table 1800: POST /reference_data/sets resource details

POST /reference_data/sets resource details

MIME Type

application/json

Table 1801: POST /reference_data/sets request parameter details

POST /reference_data/sets request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	query	Required	String	text/plain	Required - The name of the reference set being created
element_type	query	Required	String	text/plain	Required - The element type for the values allowed in the reference set. The allowed values are: ALN (alphanumeric), ALNIC (alphanumeric ignore case), IP (IP address), NUM (numeric), PORT (port number) or DATE. Note that date values need to be represented in milliseconds since the Unix Epoch January 1st 1970.
timeout_type	query	Optional	String	text/plain	Optional - The allowed values are "FIRST_SEEN", "LAST_SEEN" and "UNKNOWN". The default value is "UNKNOWN". This indicates if the time_to_live interval is based on when the data was first seen or last seen.
time_to_live	query	Optional	String	text/plain	Optional - The time to live interval, for example: "1 month" or "5 minutes"
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1802: POST /reference_data/sets response codes

POST /reference_data/sets response codes

HTTP Response Code	Unique Code	Description
201		A new reference set was successfully created
409	1004	The reference set could not be created, the name provided is already in use. Please change the name and try again.
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to create the reference set

Response Description

Information about the newly created reference set.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

POST /reference_data/sets/bulk_load/{name}

SUMMARY

Add or update data in a reference set.

Add or update data in a reference set.

Table 1803: POST /reference_data/sets/bulk_load/{name} resource details

POST /reference_data/sets/bulk_load/{name} resource details

MIME Type

application/json

Table 1804: POST /reference_data/sets/bulk_load/{name} request parameter details

POST /reference_data/sets/bulk_load/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of set to add or update data in
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1805: POST /reference_data/sets/bulk_load/{name} request body details

POST /reference_data/sets/bulk_load/{name} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Array	application/json	Required - The JSON formatted data to add or update in the reference set	["String", "String", "String", "String", "String", "String", "String", "String", "String"]

Table 1806: POST /reference_data/sets/bulk_load/{name} response codes

POST /reference_data/sets/bulk_load/{name} response codes

HTTP Response Code	Unique Code	Description
200		The reference set has had data added or updated
400	1001	An error occurred parsing the JSON formatted message body
404	1002	The reference set does not exist
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to add or update data in the reference set

Response Description

Information about the reference set that had data added or updated. This returns information about the reference set but not the contained data.

Response Sample

```
{
```

```

"creation_time": 42,
"element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
"name": "String",
"number_of_elements": 42,
"time_to_live": "String",
"timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}

```

POST /reference_data/sets/bulk_load/{namespace}/{name}/{domain_id}

SUMMARY

Add or update data in a reference set.

Add or update data in a reference set.

Table 1807: POST /reference_data/sets/bulk_load/{namespace}/{name}/{domain_id} resource details

POST /reference_data/sets/bulk_load/{namespace}/{name}/{domain_id} resource details

MIME Type

application/json

Table 1808: POST /reference_data/sets/bulk_load/{namespace}/{name}/{domain_id} request parameter details

POST /reference_data/sets/bulk_load/{namespace}/{name}/{domain_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
namespace	path	Required	String	text/plain	Required - Either SHARED or TENANT.

Table 1808: POST /reference_data/sets/bulk_load/{namespace}/{name}/{domain_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of set to add or update data in
domain_id	path	Required	String	text/plain	Required - Specify the numeric domain_id tag for the data or SHARED for Admin users. Must be a domain ID for which the caller has access.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1809: POST /reference_data/sets/bulk_load/{namespace}/{name}/{domain_id} request body details

POST /reference_data/sets/bulk_load/{namespace}/{name}/{domain_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Array	application/json	Required - The JSON formatted data to add or update in the reference set	["String", "String", "String", "String", "String", "String", "String", "String", "String", "String"]

Table 1810: POST /reference_data/sets/bulk_load/{namespace}/{name}/{domain_id} response codes

POST /reference_data/sets/bulk_load/{namespace}/{name}/{domain_id} response codes

HTTP Response Code	Unique Code	Description
200		The reference set has had data added or updated
400	1001	An error occurred parsing the JSON formatted message body
404	1002	The reference set does not exist
404	1011	Domain not found
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
422	1015	The namespace parameter must be either SHARED or TENANT
500	1020	An error occurred while attempting to add or update data in the reference set

Response Description

Information about the reference set that had data added or updated. This returns information about the reference set but not the contained data.

Response Sample

```
{  
  "collection_id": 42,  
  "creation_time": 42,
```

```

"element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
"name": "String",
"namespace": "String <one of: PRIVATE, SHARED, TENANT>",
"number_of_elements": 42,
"time_to_live": "String",
"timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}

```

DELETE /reference_data/sets/{name}

SUMMARY

Removes a reference set or purges its contents.

Removes a reference set or purges its contents.

Table 1811: DELETE /reference_data/sets/{name} resource details

DELETE /reference_data/sets/{name} resource details

MIME Type

application/json

Table 1812: DELETE /reference_data/sets/{name} request parameter details

DELETE /reference_data/sets/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the set to remove or purge.

Table 1812: DELETE /reference_data/sets/{name} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
namespace	query	Optional	String	text/plain	- Default is SHARED for admin users and TENANT for tenant users. If purge_only is "true", the default is SHARED for all users.
purge_only	query	Optional	String	text/plain	Optional - The allowed values are "false" or "true". The default value is false. Indicates if the reference set should have its contents purged (true), keeping the reference set structure. If the value is "false", or not specified the reference set is removed completely.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1813: DELETE /reference_data/sets/{name} response codes

DELETE /reference_data/sets/{name} response codes

HTTP Response Code	Unique Code	Description
202		The reference data set's deletion or purge request was accepted and is in progress.
404	1002	The reference set does not exist.

Table 1813: DELETE /reference_data/sets/{name} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1005	A request parameter is not valid.
422	1012	The namespace value of SHARED was expected.
422	1015	The collection could not be deleted.
500	1020	An error occurred during the attempt to remove or purge values from the reference set.

Response Description

A status ID to retrieve the reference data set's deletion or purge status with at /api/system/task_management/tasks/{status_id}. You can also find the url in the Location header

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /reference_data/sets/{name}

SUMMARY

Retrieve the reference set identified by name.

Retrieve the reference set identified by **name**. If provided, **limit** specifies the number of records to return starting at record specified by **offset**. If not specified, then the first 20 records will be returned.

Table 1814: GET /reference_data/sets/{name} resource details

GET /reference_data/sets/{name} resource details

MIME Type

application/json

Table 1815: GET /reference_data/sets/{name} request parameter details

GET /reference_data/sets/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference set to retrieve
namespace	query	Optional	String	text/plain	Either SHARED or TENANT, default is SHARED.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1815: GET /reference_data/sets/{name} request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1816: GET /reference_data/sets/{name} response codes

GET /reference_data/sets/{name} response codes

HTTP Response Code	Unique Code	Description
200		The reference set has been retrieved
404	1002	The reference set does not exist.
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
500	1020	An error occurred while attempting to retrieve the reference set

Response Description

The reference set identified by the name specified in the request. The portion of the set's data returned is dependent on the limit and offset specified in the request.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "data": [
    {
      "domain_id": 42,
      "first_seen": 42,
      "last_seen": 42,
      "source": "String",
      "value": "String"
    }
  ],
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

POST /reference_data/sets/{name}

SUMMARY

Add or update an element in a reference set.

Add or update an element in a reference set.

Table 1817: POST /reference_data/sets/{name} resource details

POST /reference_data/sets/{name} resource details

MIME Type
application/json

Table 1818: POST /reference_data/sets/{name} request parameter details

POST /reference_data/sets/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference set to add or update an element in
namespace	query	Optional	String	text/plain	- Either SHARED or TENANT, default is SHARED.
value	query	Required	String	text/plain	Required - The value to add or update in the reference set. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.
source	query	Optional	String	text/plain	Optional - An indication of where the data originated. The default value is 'reference data api'
domain_id	query	Optional	Number (Integer)	text/plain	Optional - This allows the domain id for the value to be specified. If null, the shared domain is used.

Table 1818: POST /reference_data/sets/{name} request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1819: POST /reference_data/sets/{name} response codes

POST /reference_data/sets/{name} response codes

HTTP Response Code	Unique Code	Description
200		The reference set has had an element added or updated
404	1002	The reference set does not exist
404	1011	Domain not found
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
500	1020	An error occurred while attempting to add or update an element in the reference set

Response Description

Information about the reference set that had an element added or updated. This returns information about the reference set but not the contained data.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

GET /reference_data/sets/{name}/dependents

SUMMARY

Retrieves the objects that depend on the reference data set.

Retrieves the objects that depend on the reference data set.

Table 1820: GET /reference_data/sets/{name}/dependents resource details

GET /reference_data/sets/{name}/dependents resource details

MIME Type

application/json

Table 1821: GET /reference_data/sets/{name}/dependents request parameter details

GET /reference_data/sets/{name}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1822: GET /reference_data/sets/{name}/dependents response codes

GET /reference_data/sets/{name}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The reference data set dependents retrieval was accepted and is in progress.
404	1002	The reference data set does not exist.
500	1020	An error occurred during the attempt to initiate the reference data set dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status URL `"/api/reference_data/sets/set_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested cancellation of the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.

- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
```

```

FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

DELETE /reference_data/sets/{name}/{value}

SUMMARY

Remove a value from a reference set.

Remove a value from a reference set.

Table 1823: DELETE /reference_data/sets/{name}/{value} resource details

DELETE /reference_data/sets/{name}/{value} resource details

MIME Type

application/json

Table 1824: DELETE /reference_data/sets/{name}/{value} request parameter details

DELETE /reference_data/sets/{name}/{value} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference set to remove a value from

Table 1824: DELETE /reference_data/sets/{name}/{value} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
namespace	query	Optional	String	text/plain	- Either SHARED or TENANT, default is SHARED.
value	path	Required	String	text/plain	Required - The value to remove from the reference set. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.
domain_id	query	Optional	Number (Integer)	text/plain	Optional - This allows the domain id for the value to be specified. If null, the shared domain is used.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1825: DELETE /reference_data/sets/{name}/{value} response codes

DELETE /reference_data/sets/{name}/{value} response codes

HTTP Response Code	Unique Code	Description
200		The reference set that had a value removed
404	1002	The reference set does not exist
404	1003	The record does not exist in the reference set

Table 1825: DELETE /reference_data/sets/{name}/{value} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1011	Domain not found
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
500	1020	An error occurred while attempting to remove the value from the reference set.

Response Description

Information about the reference set that had an value removed. This returns information about the reference set but not the contained data.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

GET /reference_data/tables

SUMMARY

Retrieve a list of all reference tables.

Retrieve a list of all reference tables.

Table 1826: GET /reference_data/tables resource details

GET /reference_data/tables resource details

MIME Type

application/json

Table 1827: GET /reference_data/tables request parameter details

GET /reference_data/tables request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1827: GET /reference_data/tables request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1828: GET /reference_data/tables response codes

GET /reference_data/tables response codes

HTTP Response Code	Unique Code	Description
200		The reference table list has been retrieved
500	1020	An error occurred while attempting to retrieve all of the reference tables

Response Description

A list of all of the reference tables. This returns information about the tables but not the contained data.

Response Sample

```
[
  {
    "collection_id": 42,
    "creation_time": 42,
    "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
    "key_label": "String",
```

```

    "key_name_types": {
      "String": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>"
    },
    "name": "String",
    "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
    "number_of_elements": 42,
    "time_to_live": "String",
    "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
  }
]

```

POST /reference_data/tables

SUMMARY

Create a new reference table.

Create a new reference table.

Table 1829: POST /reference_data/tables resource details

POST /reference_data/tables resource details

MIME Type

application/json

Table 1830: POST /reference_data/tables request parameter details

POST /reference_data/tables request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	query	Required	String	text/plain	Required - The name of the reference table to create

Table 1830: POST /reference_data/tables request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
element_type	query	Required	String	text/plain	Required - The default element type for the values allowed in the reference table. This is used when values are added or updated in the reference table who's inner key was not defined in the key_name_types parameter. The allowed values are: ALN (alphanumeric), ALNIC (alphanumeric ignore case), IP (IP address), NUM (numeric), PORT (port number) or DATE. Note that date values need to be represented in milliseconds since the Unix Epoch January 1st 1970.
outer_key_label	query	Optional	String	text/plain	Optional - The label to describe the outer keys
timeout_type	query	Optional	String	text/plain	Optional - The allowed values are "FIRST_SEEN", "LAST_SEEN" and "UNKNOWN". The default value is "UNKNOWN". This indicates if the time_to_live interval is based on when the data was first seen or last seen.
time_to_live	query	Optional	String	text/plain	Optional - The time to live interval, for example: "1 month" or "5 minutes"

Table 1830: POST /reference_data/tables request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
key_name_types	query	Optional	Array<Object>	application/json	Optional - A JSON formatted string. This array creates the inner key names and corresponding value types for the table
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1831: POST /reference_data/tables response codes

POST /reference_data/tables response codes

HTTP Response Code	Unique Code	Description
201		A new reference table was successfully created
409	1004	The reference table could not be created, the name provided is already in use. Please change the name and try again.
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to create the reference table

Response Description

Information about the newly created reference table.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "key_name_types": {
    "String": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>"
  },
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

POST /reference_data/tables/bulk_load/{name}

SUMMARY

Adds or updates data in a reference table.

Adds or updates data in a reference table.

Table 1832: POST /reference_data/tables/bulk_load/{name} resource details

POST /reference_data/tables/bulk_load/{name} resource details

MIME Type

application/json

Table 1833: POST /reference_data/tables/bulk_load/{name} request parameter details

POST /reference_data/tables/bulk_load/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of table to add or update data in.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1834: POST /reference_data/tables/bulk_load/{name} request body details

POST /reference_data/tables/bulk_load/{name} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Array	application/json	Required - The JSON-formatted data to add or update in the reference table.	<pre> {"key1": {"col1":"Data11","col2":"Data1 2","col3":"Data13","col4":"Data 14"}, "key2": {"col1":"Data21","col2":"Data2 2","col3":"Data23","col4":"Data 24"}, "key3": {"col1":"Data31","col2":"Data3 2","col3":"Data33","col4":"Data 34"}, "key4": {"col1":"Data41","col2":"Data4 2","col3":"Data43","col4":"Data 44"}, "key5": {"col1":"Data51","col2":"Data5 2","col3":"Data53","col4":"Data 54"}, "key6": {"col1":"Data61","col2":"Data6 2","col3":"Data63","col4":"Data 64"}} </pre>

Table 1835: POST /reference_data/tables/bulk_load/{name} response codes

POST /reference_data/tables/bulk_load/{name} response codes

HTTP Response Code	Unique Code	Description
200		Data was successfully added or updated in the reference table.
400	1001	An error occurred parsing the JSON-formatted message body.
404	1002	The reference table does not exist.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to add or update data in the reference table.

Response Description

Information about the reference table where data was added or updated. This returns information about the reference table but not the data that it contains.

Response Sample

```
{
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "name": "String",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

POST /reference_data/tables/bulk_load/{namespace}/{name}/{domain_id}

SUMMARY

Adds or updates data in a reference table.

Adds or updates data in a reference table.

Table 1836: POST /reference_data/tables/bulk_load/{namespace}/{name}/{domain_id} resource details

POST /reference_data/tables/bulk_load/{namespace}/{name}/{domain_id} resource details

MIME Type

application/json

Table 1837: POST /reference_data/tables/bulk_load/{namespace}/{name}/{domain_id} request parameter details

POST /reference_data/tables/bulk_load/{namespace}/{name}/{domain_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
namespace	path	Required	String	text/plain	Required - Either SHARED or TENANT.
name	path	Required	String	text/plain	Required - The name of table to add or update data in.
domain_id	path	Required	String	text/plain	Required - Specify the numeric domain_id tag for the data or SHARED for Admin users. Must be a domain ID for which the caller has access.

Table 1837: POST /reference_data/tables/bulk_load/{namespace}/{name}/{domain_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1838: POST /reference_data/tables/bulk_load/{namespace}/{name}/{domain_id} request body details

POST /reference_data/tables/bulk_load/{namespace}/{name}/{domain_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Array	application/json	Required - The JSON-formatted data to add or update in the reference table.	<pre> {"key1": {"col1":"Data11","col2":"Data1 2","col3":"Data13","col4":"Data 14"}, "key2": {"col1":"Data21","col2":"Data2 2","col3":"Data23","col4":"Data 24"}, "key3": {"col1":"Data31","col2":"Data3 2","col3":"Data33","col4":"Data 34"}, "key4": {"col1":"Data41","col2":"Data4 2","col3":"Data43","col4":"Data 44"}, "key5": {"col1":"Data51","col2":"Data5 2","col3":"Data53","col4":"Data 54"}, "key6": {"col1":"Data61","col2":"Data6 2","col3":"Data63","col4":"Data 64"}} </pre>

Table 1839: POST /reference_data/tables/bulk_load/{namespace}/{name}/{domain_id} response codes

POST /reference_data/tables/bulk_load/{namespace}/{name}/{domain_id} response codes

HTTP Response Code	Unique Code	Description
200		Data was successfully added or updated in the reference table.
400	1001	An error occurred parsing the JSON-formatted message body.
404	1002	The reference table does not exist.
404	1011	Domain not found
422	1005	A request parameter is not valid.
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
422	1015	The namespace parameter must be either SHARED or TENANT
500	1020	An error occurred during the attempt to add or update data in the reference table.

Response Description

Information about the reference table where data was added or updated. This returns information about the reference table but not the data that it contains.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "key_name_types": {
    "String": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>"
  },
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

DELETE /reference_data/tables/{name}

SUMMARY

Remove a reference table or purge its contents.

Remove a reference table or purge its contents.

Table 1840: DELETE /reference_data/tables/{name} resource details

DELETE /reference_data/tables/{name} resource details

MIME Type

application/json

Table 1841: DELETE /reference_data/tables/{name} request parameter details

DELETE /reference_data/tables/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference table to remove or purge.
namespace	query	Optional	String	text/plain	- Default is SHARED for admin users and TENANT for tenant users. If purge_only is "true", the default is SHARED for all users.
purge_only	query	Optional	String	text/plain	Optional - The allowed values are "false" or "true". The default value is false. This indicates if the reference table should have its contents purged (true), keeping the reference table structure. If the value is "false", or not specified the reference table is removed completely.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1842: DELETE /reference_data/tables/{name} response codes

DELETE /reference_data/tables/{name} response codes

HTTP Response Code	Unique Code	Description
202		The reference data tables deletion or purge request was accepted and is in progress.
404	1002	The reference table does not exist.
422	1005	A request parameter is not valid.
422	1012	The namespace value of SHARED was expected.
422	1015	The collection could not be deleted.
500	1020	An error occurred during the attempt to remove or purge values from the reference table.

Response Description

A status ID to retrieve the reference data tables deletion or purge status with at `/api/system/task_management/tasks/{status_id}`. You can also find the URL in the Location header.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
```

```
"status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /reference_data/tables/{name}

SUMMARY

Return the reference table identified by name.

Return the reference table identified by **name**. If provided, **limit** specifies the number of records to return starting at record specified by **offset**. If not specified, then the first 20 records will be returned.

Table 1843: GET /reference_data/tables/{name} resource details

GET /reference_data/tables/{name} resource details

MIME Type

application/json

Table 1844: GET /reference_data/tables/{name} request parameter details

GET /reference_data/tables/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference table to retrieve
namespace	query	Optional	String	text/plain	Either SHARED or TENANT, default is SHARED.

Table 1844: GET /reference_data/tables/{name} request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1845: GET /reference_data/tables/{name} response codes

GET /reference_data/tables/{name} response codes

HTTP Response Code	Unique Code	Description
200		The reference table has been retrieved
404	1002	The reference table does not exist
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
500	1020	An error occurred while attempting to retrieve the reference table

Response Description

The reference table identified by the name specified in the request. The portion of the reference table's data returned is dependent on the limit and offset specified in the request.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "data": {
    "String": {
      "String": {
        "domain_id": 42,
        "first_seen": 42,
        "last_seen": 42,
        "source": "String",
        "value": "String"
      }
    }
  },
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "key_name_types": {
    "String": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>"
  },
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
  "timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

POST /reference_data/tables/{name}

SUMMARY

Add or update an element in a reference table.

Add or update an element in a reference table. The value to be added must be of the appropriate type: either the type that corresponds to the innerKey predefined for the reference table, or the default elementType of the reference table

Table 1846: POST /reference_data/tables/{name} resource details

POST /reference_data/tables/{name} resource details

MIME Type

application/json

Table 1847: POST /reference_data/tables/{name} request parameter details

POST /reference_data/tables/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference table to add or update an element in
namespace	query	Optional	String	text/plain	- Either SHARED or TENANT, default is SHARED.
outer_key	query	Required	String	text/plain	Required - The outer key for the element to add or update
inner_key	query	Required	String	text/plain	Required - The inner key for the element to add or update

Table 1847: POST /reference_data/tables/{name} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
value	query	Required	String	text/plain	Required - The value to add or update in the reference table. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.
source	query	Optional	String	text/plain	Optional - An indication of where the data originated. The default value is 'reference data api'
domain_id	query	Optional	Number (Integer)	text/plain	Optional - This allows the domain id for the value to be specified. If null, the shared domain will be used.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1848: POST /reference_data/tables/{name} response codes

POST /reference_data/tables/{name} response codes

HTTP Response Code	Unique Code	Description
200		The reference table has had an element added or updated
404	1002	The reference table does not exist

Table 1848: POST /reference_data/tables/{name} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1011	Domain not found
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
500	1020	An error occurred while attempting to add or update data in the reference table

Response Description

Information about the reference table that had an element added or updated. This returns information about the reference table but not the contained data.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "key_name_types": {
    "String": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>"
  },
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
```

```

"time_to_live": "String",
"timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}

```

GET /reference_data/tables/{name}/dependents

SUMMARY

Find the objects that depend on the Reference Data Tables

Find the objects that depend on the Reference Data Tables

Table 1849: GET /reference_data/tables/{name}/dependents resource details

GET /reference_data/tables/{name}/dependents resource details

MIME Type

application/json

Table 1850: GET /reference_data/tables/{name}/dependents request parameter details

GET /reference_data/tables/{name}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	null

Table 1850: GET /reference_data/tables/{name}/dependents request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1851: GET /reference_data/tables/{name}/dependents response codes

GET /reference_data/tables/{name}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The Reference Data Tables dependents retrieval has been accepted and is in progress
404	1002	The Reference Data Tables does not exist
500	1020	An error occurred while attempting to initiate the Reference Data Tables dependents retrieval task

Response Description

A Dependents Task Status object and the location header set to the task status url `"/api/reference_data/tables/tables_dependents_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state that the task is in.
- **name** - String - The name of the task.

- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch of when the task was created.
- **started** - Long - The time in milliseconds since epoch of when the task was started.
- **modified** - Long - The time in milliseconds since epoch of when the task was modified.
- **completed** - Long - The time in milliseconds since epoch of when the task was completed.
- **number_of_dependents** - Long - The number of dependents found. Value is null until task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state the sub-task is in.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects checked for dependency.
 - **created** - Long - The time in milliseconds since epoch of when the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch of when the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch of when the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch of when the sub-task was completed.

Response Sample

```
{  
  "cancelled_by": "String",  
  "completed": 42,  
  "created": 42,
```

```

    "created_by": "String",
    "id": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "name": "String",
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_components": [
      {
        "completed": 42,
        "created": 42,
        "maximum": 42,
        "message": "String",
        "modified": 42,
        "number_of_dependents": 42,
        "progress": 42,
        "started": 42,
        "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
        "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
      }
    ]
  }

```

DELETE /reference_data/tables/{name}/{outer_key}/{inner_key}

SUMMARY

Remove a value from a reference table.

Remove a value from a reference table.

Table 1852: DELETE /reference_data/tables/{name}/{outer_key}/{inner_key} resource details

DELETE /reference_data/tables/{name}/{outer_key}/{inner_key} resource details

MIME Type

application/json

Table 1853: DELETE /reference_data/tables/{name}/{outer_key}/{inner_key} request parameter details

DELETE /reference_data/tables/{name}/{outer_key}/{inner_key} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
name	path	Required	String	text/plain	Required - The name of the reference table to remove a value from
namespace	query	Optional	String	text/plain	- Either SHARED or TENANT, default is SHARED.
outer_key	path	Required	String	text/plain	Required - The outer key of the value to remove
inner_key	path	Required	String	text/plain	Required - The inner key of the value to remove

Table 1853: DELETE /reference_data/tables/{name}/{outer_key}/{inner_key} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
value	query	Required	String	text/plain	Required - The value to remove from the reference table. Note: Date values must be represented in milliseconds since the Unix Epoch January 1st 1970.
domain_id	query	Optional	Number (Integer)	text/plain	Optional - This allows the domain id for the value to be specified. If null, the shared domain will be used.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1854: DELETE /reference_data/tables/{name}/{outer_key}/{inner_key} response codes

DELETE /reference_data/tables/{name}/{outer_key}/{inner_key} response codes

HTTP Response Code	Unique Code	Description
200		The reference table had had a value removed
404	1002	The reference table does not exist
404	1003	The record does not exist in the reference table
404	1011	Domain not found

Table 1854: DELETE /reference_data/tables/{name}/{outer_key}/{inner_key} response codes
(Continued)

HTTP Response Code	Unique Code	Description
422	1005	A request parameter is not valid
422	1012	The namespace value of SHARED was expected
422	1014	The domain_id parameter must be specified
500	1020	An error occurred while attempting to remove the reference table value

Response Description

Information about the reference table that had an element removed. This returns information about table but not the contained data.

Response Sample

```
{
  "collection_id": 42,
  "creation_time": 42,
  "element_type": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>",
  "key_label": "String",
  "key_name_types": {
    "String": "String <one of: ALN, NUM, IP, PORT, ALNIC, DATE>"
  },
  "name": "String",
  "namespace": "String <one of: PRIVATE, SHARED, TENANT>",
  "number_of_elements": 42,
  "time_to_live": "String",
```



```
"timeout_type": "String <one of: UNKNOWN, FIRST_SEEN, LAST_SEEN>"
}
```

GET /reference_data/tables_delete_tasks/{task_id}

SUMMARY

Retrieve the delete the Reference Data Tables task status.

Retrieve the delete Reference Data Tables task status.

Table 1855: GET /reference_data/tables_delete_tasks/{task_id} resource details

GET /reference_data/tables_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 1856: GET /reference_data/tables_delete_tasks/{task_id} request parameter details

GET /reference_data/tables_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 1856: GET /reference_data/tables_delete_tasks/{task_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1857: GET /reference_data/tables_delete_tasks/{task_id} response codes

GET /reference_data/tables_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status has been retrieved.
404	1002	The Delete Task Status does not exist.
500	1020	An error occurred while attempting to retrieve the Delete Task Status.

Response Description

A Delete Task Status object and the location header set to the task status url `"/api/reference_data/tables/tables_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state that the task is in.
- **name** - String - The name of the task.

- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch of when the task was created.
- **started** - Long - The time in milliseconds since epoch of when the task was started.
- **modified** - Long - The time in milliseconds since epoch of when the task was modified.
- **completed** - Long - The time in milliseconds since epoch of when the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /reference_data/tables_dependent_tasks/{task_id}

SUMMARY

Retrieve the dependent the Reference Data Tables task status.

Retrieve the dependent Reference Data Tables task status.

Table 1858: GET /reference_data/tables_dependent_tasks/{task_id} resource details

GET /reference_data/tables_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 1859: GET /reference_data/tables_dependent_tasks/{task_id} request parameter details

GET /reference_data/tables_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1860: GET /reference_data/tables_dependent_tasks/{task_id} response codes

GET /reference_data/tables_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status has been retrieved.
404	1002	The Delete Task Status does not exist.
500	1020	An error occurred while attempting to retrieve the Delete Task Status.

Response Description

A Dependent Task Status object and the location header set to the task status url `"/api/reference_data/tables/tables_dependent_tasks/{task_id}"`. A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state that the task is in.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch of when the task was created.
- **started** - Long - The time in milliseconds since epoch of when the task was started.
- **modified** - Long - The time in milliseconds since epoch of when the task was modified.
- **completed** - Long - The time in milliseconds since epoch of when the task was completed.
- **number_of_dependents** - Long - The number of dependents found. Value is null until task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state the sub-task is in.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects checked for dependency.
 - **created** - Long - The time in milliseconds since epoch of when the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch of when the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch of when the sub-task was modified.

- **completed** - Long - The time in milliseconds since epoch of when the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
      CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
      FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
      FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
      FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
      FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
      FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
      FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
      FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
```

```

FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

POST /reference_data/tables_dependent_tasks/{task_id}

SUMMARY

Cancel the dependent the Reference Data Tables task.

Cancel the dependent Reference Data Tables task.

Table 1861: POST /reference_data/tables_dependent_tasks/{task_id} resource details

POST /reference_data/tables_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1862: POST /reference_data/tables_dependent_tasks/{task_id} request parameter details

POST /reference_data/tables_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null

Table 1862: POST /reference_data/tables_dependent_tasks/{task_id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1863: POST /reference_data/tables_dependent_tasks/{task_id} request body details

POST /reference_data/tables_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1864: POST /reference_data/tables_dependent_tasks/{task_id} response codes

POST /reference_data/tables_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status has been retrieved.
404	1002	The Dependent Task Status does not exist.

Table 1864: POST /reference_data/tables_dependent_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1004	The task is in a completed state
422	1005	A request parameter is not valid
500	1020	An error occurred while attempting to update the Dependent Task Status.

Response Description

A Dependent Task Status object and the location header set to the task status url "/api/reference_data/tables/tables_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state that the task is in.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch of when the task was created.
- **started** - Long - The time in milliseconds since epoch of when the task was started.
- **modified** - Long - The time in milliseconds since epoch of when the task was modified.
- **completed** - Long - The time in milliseconds since epoch of when the task was completed.
- **number_of_dependents** - Long - The number of dependents found. Value is null until task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.

- **task_components** - Array - An array of task component objects. A task component object contains the following fields
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state the sub-task is in.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects checked for dependency.
 - **created** - Long - The time in milliseconds since epoch of when the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch of when the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch of when the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch of when the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
```

```

    "maximum": 42,
    "message": "String",
    "modified": 42,
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

GET /reference_data/tables_dependent_tasks/{task_id}/results

SUMMARY

Retrieve the Reference Data Tables Dependent Task Results

Retrieve the Reference Data Tables Dependent Task Results

Table 1865: GET /reference_data/tables_dependent_tasks/{task_id}/results resource details

GET /reference_data/tables_dependent_tasks/{task_id}/results resource details

MIME Type

application/json

Table 1866: GET /reference_data/tables_dependent_tasks/{task_id}/results request parameter details

GET /reference_data/tables_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1867: GET /reference_data/tables_dependent_tasks/{task_id}/results response codes

GET /reference_data/tables_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The Reference Data Tables Dependents have been retrieved
404	1002	The Dependent Task Status does not exist.
500	1020	An error occurred while attempting to retrieve the Reference Data Tables

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource. (Default resources can have localized names)
- **dependent_owner** - String - The owner of the dependent resource
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - The true if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
```

```
EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,  
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,  
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,  
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,  
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,  
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,  
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,  
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,  
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,  
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,  
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,  
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,  
CALCULATED_EXPRESSION>",  
    "user_has_edit_permissions": true  
  }  
]
```

21

CHAPTER

Scanner Endpoints

Scanner Endpoints | 1974

Scanner Endpoints

SUMMARY

Use the references for REST API 16.0 scanner endpoints.

IN THIS SECTION

- [GET /scanner/profiles](#) | 1974
- [POST /scanner/profiles/create](#) | 1976
- [POST /scanner/profiles/start](#) | 1977
- [GET /scanner/scanprofiles](#) | 1979
- [POST /scanner/scanprofiles](#) | 1982
- [DELETE /scanner/scanprofiles/{profileid}](#) | 1983
- [GET /scanner/scanprofiles/{profileid}](#) | 1985
- [POST /scanner/scanprofiles/{profileid}](#) | 1987
- [GET /scanner/scanprofiles/{profileid}/runs](#) | 1989
- [GET /scanner/scanprofiles/{profileid}/runs/{run_id}](#) | 1991
- [GET /scanner/scanprofiles/{profileid}/runs/{run_id}/results](#) | 1993
- [POST /scanner/scanprofiles/{profileid}/start](#) | 1995

GET /scanner/profiles

SUMMARY

Retrieves all of the currently created scan profiles. No parameters are required and the following information should be retrieved for each scan profile - scanProfileId - scanProfileName - description - scanType - scannerName

Table 1868: GET /scanner/profiles resource details

GET /scanner/profiles resource details

MIME Type
application/json

There are no parameters for this endpoint.

Table 1869: GET /scanner/profiles response codes

GET /scanner/profiles response codes

HTTP Response Code	Unique Code	Description
200		The list of scan profiles was successfully returned
500	1030	Occurs when an attempt is made to list scan profiles when certain conditions are not met, or when too many scan requests have been made

Response Description

The list of scan profiles currently configured in QVM

Response Sample

POST /scanner/profiles/create

SUMMARY

Initiates a request to create a new scanProfile. The request takes one parameter - createScanRequest, which is just a POJO. To create the scan, you will need to build up a JSON object that contains the Scan Profile name and ips to scan e.g. {'name':'New Scan Profile', 'ips': ['10.100.85.135']}

Table 1870: POST /scanner/profiles/create resource details

POST /scanner/profiles/create resource details

MIME Type
text/plain

Table 1871: POST /scanner/profiles/create request body details

POST /scanner/profiles/create request body details

Parameter	Data Type	MIME Type	Description	Sample
scanProfile	JSON	application/json	null	null

Table 1872: POST /scanner/profiles/create response codes

POST /scanner/profiles/create response codes

HTTP Response Code	Unique Code	Description
200		The scan has been successfully created
419	9101	Occurs when a parameter is missing or invalid

Table 1872: POST /scanner/profiles/create response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1030	Occurs when an attempt is made to create a scan when certain conditions are not met, or when too many scan requests have been made

Response Description

An indicator of whether the scan has been created successfully or not.

Response Sample

String

POST /scanner/profiles/start

SUMMARY

Initiates a request to start an already created scanProfile. The request takes one parameter - scanProfileId. To get a list of scanProfileIds, simply get a list of the current scan profiles by initiating a 'profiles' request on the scanner endpoint. The scanProfileId will be validated and an appropriate message returned.

Table 1873: POST /scanner/profiles/start resource details

POST /scanner/profiles/start resource details

MIME Type

text/plain

Table 1874: POST /scanner/profiles/start request parameter details

POST /scanner/profiles/start request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
scanProfileId	query	Required	String	text/plain	The unique id of the scan profile we want to start

Table 1875: POST /scanner/profiles/start response codes

POST /scanner/profiles/start response codes

HTTP Response Code	Unique Code	Description
200		The scan has been successfully started
422	1005	Occurs if the user does not have permission to start a scan, or the scan is in progress
500	1030	Occurs when an attempt is made to start a scan when certain conditions are not met, or when too many scan requests have been made

Response Description

An indicator of whether the scan has been started successfully or not.

Response Sample

String

GET /scanner/scanprofiles

SUMMARY

Retrieves all of the currently created scan profiles. No parameters are required and the following information should be retrieved for each scan profile - scanProfileId - name - description - scanType - scannerName - schedule - status - progress - endTime - duration

Table 1876: GET /scanner/scanprofiles resource details

GET /scanner/scanprofiles resource details

MIME Type

application/json

Table 1877: GET /scanner/scanprofiles request parameter details

GET /scanner/scanprofiles request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 1877: GET /scanner/scanprofiles request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1878: GET /scanner/scanprofiles response codes

GET /scanner/scanprofiles response codes

HTTP Response Code	Unique Code	Description
200		The list of scan profiles was successfully returned
500	1030	Occurs when an attempt is made to list scan profiles when certain conditions are not met, or when too many scan requests have been made

Response Description

The list of scan profiles currently configured in QVM

Response Sample

```
[
  {
    "description": "String",
    "duration": {
      "days": 42,
      "hours": 42,
      "microSeconds": 42,
      "minutes": 42,
      "months": 42,
      "seconds": 42.5,
      "type": "String",
      "value": "String",
      "wholeSeconds": 42,
      "years": 42
    },
    "endTime": {
      "date": 42,
      "day": 42,
      "hours": 42,
      "minutes": 42,
      "month": 42,
      "seconds": 42,
      "time": 42,
      "timezoneOffset": 42,
      "year": 42
    },
    "progress": 42,
    "scanProfileId": 42,
    "scanProfileName": "String",
    "scanType": "String",
    "scannerName": "String",
    "schedule": "String",
    "status": "String"
  }
]
```

POST /scanner/scanprofiles

SUMMARY

Initiates a request to create a new scanProfile. The request takes one parameter - createScanRequest, which is just a POJO. To create the scan, you will need to build up a JSON object that contains the Scan Profile name and hosts to scan e.g. {'name':'New Scan Profile', 'hosts': ['10.100.85.135']}

Table 1879: POST /scanner/scanprofiles resource details

POST /scanner/scanprofiles resource details

MIME Type
text/plain

Table 1880: POST /scanner/scanprofiles request body details

POST /scanner/scanprofiles request body details

Parameter	Data Type	MIME Type	Description	Sample
scanProfile	Object	application/json	null	{ "description": "String", "hosts": ["String"], "name": "String" }

Table 1881: POST /scanner/scanprofiles response codes

POST /scanner/scanprofiles response codes

HTTP Response Code	Unique Code	Description
200		The scan has been successfully created

Table 1881: POST /scanner/scanprofiles response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1030	Occurs when an attempt is made to create a scan when certain conditions are not met, or when too many scan requests have been made

Response Description

An indicator of whether the scan has been created successfully or not.

Response Sample

String

DELETE /scanner/scanprofiles/{profileid}

SUMMARY

Initiates a request to delete a scanProfile. The request takes one parameter - the Scan Profile ID.

Table 1882: DELETE /scanner/scanprofiles/{profileid} resource details

DELETE /scanner/scanprofiles/{profileid} resource details

MIME Type

text/plain

Table 1883: DELETE /scanner/scanprofiles/{profileid} request parameter details

DELETE /scanner/scanprofiles/{profileid} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
profileid	path	Required	String	text/plain	null

Table 1884: DELETE /scanner/scanprofiles/{profileid} response codes

DELETE /scanner/scanprofiles/{profileid} response codes

HTTP Response Code	Unique Code	Description
204		The scan has been successfully deleted
500	1030	Occurs when an attempt is made to delete a scan when certain conditions are not met, or when too many scan requests have been made

Response Description

An indicator of whether the scan has been deleted successfully or not.

Response Sample

String

GET /scanner/scanprofiles/{profileid}

SUMMARY

Retrieves a scan profile for a given Scan Profile ID. The only parameter required is the Scan Profile ID. The following information about a scan profile will be returned - scanProfileId - name - description - scanType - scannerName - schedule - status - progress - endTime - duration

Table 1885: GET /scanner/scanprofiles/{profileid} resource details

GET /scanner/scanprofiles/{profileid} resource details

MIME Type
application/json

Table 1886: GET /scanner/scanprofiles/{profileid} request parameter details

GET /scanner/scanprofiles/{profileid} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
profileid	path	Required	String	text/plain	The unique id of the scan profile we need to retrieve information for
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1886: GET /scanner/scanprofiles/{profileid} request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1887: GET /scanner/scanprofiles/{profileid} response codes

GET /scanner/scanprofiles/{profileid} response codes

HTTP Response Code	Unique Code	Description
200		The scan profile was successfully returned
500	1030	Occurs when an attempt is made to list a scan profile when certain conditions are not met, or when too many scan requests have been made

Response Description

The list of scan profiles currently configured in QVM

Response Sample

```
[
  {
    "description": "String",
```

```
"duration": {
  "days": 42,
  "hours": 42,
  "microSeconds": 42,
  "minutes": 42,
  "months": 42,
  "seconds": 42.5,
  "type": "String",
  "value": "String",
  "wholeSeconds": 42,
  "years": 42
},
"endTime": {
  "date": 42,
  "day": 42,
  "hours": 42,
  "minutes": 42,
  "month": 42,
  "seconds": 42,
  "time": 42,
  "timezoneOffset": 42,
  "year": 42
},
"progress": 42,
"scanProfileId": 42,
"scanProfileName": "String",
"scanType": "String",
"scannerName": "String",
"schedule": "String",
"status": "String"
}
]
```

POST /scanner/scanprofiles/{profileid}

SUMMARY

Update a scan profile. The Scan Profile ID is required. The following information on a scan profile can be updated - name - description - ips eg {'name':'Updated Scan Profile', 'ips':['10.100.85.135']}

Table 1888: POST /scanner/scanprofiles/{profileid} resource details

POST /scanner/scanprofiles/{profileid} resource details

MIME Type
application/json

Table 1889: POST /scanner/scanprofiles/{profileid} request parameter details

POST /scanner/scanprofiles/{profileid} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
profileid	path	Required	String	text/plain	The unique id of the scan profile used to update

Table 1890: POST /scanner/scanprofiles/{profileid} request body details

POST /scanner/scanprofiles/{profileid} request body details

Parameter	Data Type	MIME Type	Description	Sample
scanProfile	JSON	application/json	null	null

Table 1891: POST /scanner/scanprofiles/{profileid} response codes

POST /scanner/scanprofiles/{profileid} response codes

HTTP Response Code	Unique Code	Description
202		The scan profile was successfully updated

Table 1891: POST /scanner/scanprofiles/{profileid} response codes *(Continued)*

HTTP Response Code	Unique Code	Description
500	1030	Occurs when an attempt is made to update a scan profile when certain conditions are not met, or when too many scan requests have been made

Response Description

A message to indicate whether the scan profile has updated or not.

Response Sample

GET /scanner/scanprofiles/{profileid}/runs

SUMMARY

Table 1892: GET /scanner/scanprofiles/{profileid}/runs resource details

GET /scanner/scanprofiles/{profileid}/runs resource details

MIME Type
application/json

Table 1893: GET /scanner/scanprofiles/{profileid}/runs request parameter details

GET /scanner/scanprofiles/{profileid}/runs request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
profileid	path	Required	Number (Integer)	text/plain	null
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1894: GET /scanner/scanprofiles/{profileid}/runs response codes

GET /scanner/scanprofiles/{profileid}/runs response codes

HTTP Response Code	Unique Code	Description
404	1002	null
422	1005	null
500	1030	null

Response Description

Response Sample

```
[
  {
    "end_time": 42,
    "id": 42,
    "scan_profile_id": 42,
    "start_time": 42
  }
]
```

GET /scanner/scanprofiles/{profileid}/runs/{run_id}

SUMMARY

Table 1895: GET /scanner/scanprofiles/{profileid}/runs/{run_id} resource details

GET /scanner/scanprofiles/{profileid}/runs/{run_id} resource details

MIME Type
application/json

Table 1896: GET /scanner/scanprofiles/{profileid}/runs/{run_id} request parameter details

GET /scanner/scanprofiles/{profileid}/runs/{run_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
profileid	path	Required	Number (Integer)	text/plain	null
run_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1897: GET /scanner/scanprofiles/{profileid}/runs/{run_id} response codes

GET /scanner/scanprofiles/{profileid}/runs/{run_id} response codes

HTTP Response Code	Unique Code	Description
404	1002	null
500	1030	null

Response Description

Response Sample

```
{
  "end_time": 42,
  "id": 42,
  "scan_profile_id": 42,
  "start_time": 42
}
```

GET /scanner/scanprofiles/{profileid}/runs/{run_id}/results

SUMMARY

Table 1898: GET /scanner/scanprofiles/{profileid}/runs/{run_id}/results resource details

GET /scanner/scanprofiles/{profileid}/runs/{run_id}/results resource details

MIME Type

application/json

Table 1899: GET /scanner/scanprofiles/{profileid}/runs/{run_id}/results request parameter details

GET /scanner/scanprofiles/{profileid}/runs/{run_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
profileid	path	Required	Number (Integer)	text/plain	null

Table 1899: GET /scanner/scanprofiles/{profileid}/runs/{run_id}/results request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
run_id	path	Required	Number (Integer)	text/plain	null
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1900: GET /scanner/scanprofiles/{profileid}/runs/{run_id}/results response codes

GET /scanner/scanprofiles/{profileid}/runs/{run_id}/results response codes

HTTP Response Code	Unique Code	Description
404	1002	null
422	1005	null
500	1030	null

Response Description

Response Sample

```
[
  {
    "base_score": 42.5,
    "critical_details": "String",
    "cve_ids": [
      "String"
    ],
    "exposure_id": 42,
    "hostname": "String",
    "informative_details": "String",
    "ip_address": "String",
    "open_services": [
      "String"
    ],
    "port": 42,
    "temporal_score": 42.5,
    "vulnerability": "String"
  }
]
```

POST /scanner/scanprofiles/{profileid}/start

SUMMARY

Initiates a request to start an already created scanProfile. The request takes one parameter - scanProfileId, and one optional parameter - ips. To get a list of scanProfileIds, simply get a list of the current scan profiles by initiating a 'profiles' request on the scanner endpoint. The scanProfileId will be validated and an appropriate message returned.

Table 1901: POST /scanner/scanprofiles/{profileid}/start resource details

POST /scanner/scanprofiles/{profileid}/start resource details

MIME Type
text/plain

Table 1902: POST /scanner/scanprofiles/{profileid}/start request parameter details

POST /scanner/scanprofiles/{profileid}/start request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
profileid	path	Required	String	text/plain	The unique id of the scan profile we want to start

Table 1903: POST /scanner/scanprofiles/{profileid}/start request body details

POST /scanner/scanprofiles/{profileid}/start request body details

Parameter	Data Type	MIME Type	Description	Sample
ips	JSON	application/json	null	null

Table 1904: POST /scanner/scanprofiles/{profileid}/start response codes

POST /scanner/scanprofiles/{profileid}/start response codes

HTTP Response Code	Unique Code	Description
202		The scan has been successfully started
422	1005	Occurs if the user does not have permission to start a scan, or the scan is in progress

Table 1904: POST /scanner/scanprofiles/{profileid}/start response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1030	Occurs when an attempt is made to start a scan when certain conditions are not met, or when too many scan requests have been made

Response Description

An indicator of whether the scan has been started successfully or not.

Response Sample

String

22

CHAPTER

Services Endpoints

Services Endpoints | 1999

Services Endpoints

SUMMARY

Use the references for REST API 16.0 services endpoints.

IN THIS SECTION

- [POST /services/dig_lookups](#) | **1999**
- [GET /services/dig_lookups/{dig_lookup_id}](#) | **2001**
- [POST /services/dns_lookups](#) | **2003**
- [GET /services/dns_lookups/{dns_lookup_id}](#) | **2005**
- [GET /services/geolocations](#) | **2007**
- [POST /services/port_scans](#) | **2014**
- [GET /services/port_scans/{port_scan_id}](#) | **2016**
- [POST /services/whois_lookups](#) | **2018**
- [GET /services/whois_lookups/{whois_lookup_id}](#) | **2020**

POST /services/dig_lookups

SUMMARY

Creates a new DIG lookup. Lookup completes in the background.

Creates a new DIG lookup.

Table 1905: POST /services/dig_lookups resource details

POST /services/dig_lookups resource details

MIME Type

application/json

Table 1906: POST /services/dig_lookups request parameter details

POST /services/dig_lookups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
IP	query	Required	String	text/plain	Used to retrieve the DIG lookup.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1907: POST /services/dig_lookups response codes

POST /services/dig_lookups response codes

HTTP Response Code	Unique Code	Description
201		The DIG lookup was created successfully.
500	1020	An internal server error occurred during the creation of the DIG lookup.

Response Description

A DIG Lookup object, and the location header that is set to the task status url `"/services/dig_lookups/{dig_lookup_id}"`. A DIG Lookup object contains the following fields:

- **id** - Long - The ID of the DIG lookup.
- **ip** - String - The IP to investigate.
- **message** - String - The result of the DIG lookup when complete.
- **status** - String - The current state of the task.

Response Sample

```
{
  "id": 42,
  "ip": "String",
  "message": "String",
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /services/dig_lookups/{dig_lookup_id}

SUMMARY

Retrieves the DIG lookup status. The result is included if the lookup completed.

Retrieves the DIG Lookup status and result.

Table 1908: GET /services/dig_lookups/{dig_lookup_id} resource details

GET /services/dig_lookups/{dig_lookup_id} resource details

MIME Type

application/json

Table 1909: GET /services/dig_lookups/{dig_lookup_id} request parameter details

GET /services/dig_lookups/{dig_lookup_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
dig_lookup_id	path	Required	Number (Integer)	text/plain	Required - The ID of the Dig lookup to be retrieved.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1910: GET /services/dig_lookups/{dig_lookup_id} response codes

GET /services/dig_lookups/{dig_lookup_id} response codes

HTTP Response Code	Unique Code	Description
200		The DIG lookup Status was retrieved.
404	1002	The DIG lookup status does not exist.
500	1020	An error occurred during the attempt to retrieve the DIG lookup status.

Response Description

A DIG Lookup object, and the location header that is set to the task status url `"/services/dig_lookups/{dig_lookup_id}"`. A DIG Lookup object contains the following fields:

- **id** - Long - The ID of the DIG lookup.
- **ip** - String - The IP to investigate.
- **message** - String - The result of the DIG lookup when complete.
- **status** - String - The current state of the task.

Response Sample

```
{
  "id": 42,
  "ip": "String",
  "message": "String",
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

POST /services/dns_lookups

SUMMARY

Creates a new DNS lookup. Lookup completes in the background.

Creates a new DNS lookup.

Table 1911: POST /services/dns_lookups resource details

POST /services/dns_lookups resource details

MIME Type

application/json

Table 1912: POST /services/dns_lookups request parameter details

POST /services/dns_lookups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
IP	query	Required	String	text/plain	Used to retrieve the DNS lookup.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1913: POST /services/dns_lookups response codes

POST /services/dns_lookups response codes

HTTP Response Code	Unique Code	Description
201		The DNS lookup was successfully created.
500	1020	An internal server error occurred during the creation of the DNS lookup.

Response Description

A DNS Lookup object and the location header set to the task status url `"/services/dns_lookups/{dns_lookup_id}"`. A DNS status object contains the following fields:

- **id** - Long - The ID of the DNS lookup.
- **ip** - String - The IP to investigate.
- **message** - String - The result of the DNS lookup when complete.
- **status** - String - The current state of the task.

Response Sample

```
{
  "id": 42,
  "ip": "String",
  "message": "String",
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /services/dns_lookups/{dns_lookup_id}

SUMMARY

Retrieves the DNS lookup status. The result is included if the lookup completes.

Retrieves the DNS Lookup status.

Table 1914: GET /services/dns_lookups/{dns_lookup_id} resource details

GET /services/dns_lookups/{dns_lookup_id} resource details

MIME Type

application/json

Table 1915: GET /services/dns_lookups/{dns_lookup_id} request parameter details

GET /services/dns_lookups/{dns_lookup_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
dns_lookup_id	path	Required	Number (Integer)	text/plain	Required - The ID of the DNS lookup to be retrieved.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1916: GET /services/dns_lookups/{dns_lookup_id} response codes

GET /services/dns_lookups/{dns_lookup_id} response codes

HTTP Response Code	Unique Code	Description
200		The DNS lookup status was retrieved.
404	1002	The DNS lookup status does not exist.
500	1020	An error occurred during the attempt to retrieve the DNS lookup status.

Response Description

A DNS Lookup object and the location header set to the task status url `"/services/dns_lookups/{dns_lookup_id}"`. A DNS status object contains the following fields:

- **id** - Long - The ID of the DNS lookup.
- **ip** - String - The IP to investigate.
- **message** - String - The result of the DNS lookup when complete.
- **status** - String - The current state of the task.

Response Sample

```
{
  "id": 42,
  "ip": "String",
  "message": "String",
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /services/geolocations

SUMMARY

Retrieves the MaxMind geoiip data for the given IP address.

Retrieves the MaxMind geoiip location data for the given IP address. A filter is required to identify which IP address to lookup. Only EQUALS or IN is supported. Samples:

- `ip_address = "127.0.0.1"`
- `ip_address IN ("127.0.0.1", "127.0.0.2")`

Table 1917: GET /services/geolocations resource details

GET /services/geolocations resource details

MIME Type
application/json

Table 1918: GET /services/geolocations request parameter details

GET /services/geolocations request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1919: GET /services/geolocations response codes

GET /services/geolocations response codes

HTTP Response Code	Unique Code	Description
200		The location data was retrieved.
404	1002	The IP address does not exist in the database.
422	1005	The provided IP address is invalid.

Table 1919: GET /services/geolocations response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1010	A request parameter is not valid.
500	1020	An error occurred while looking up the geodata.

Response Description

The location data after it has been retrieved. A location object contains the following fields:

- **ip_address** - String - The IP address to lookup.
- **city** - City - Object containing details about the city that is associated with the IP address.
 - **name** - String - The name of the city.
 - **geo_id** - Integer - A unique identifier for the city as specified by GeoNames.
 - **confidence** - Integer - A value from 0-100 that represents MaxMind's confidence that the city is correct.
- **continent** - Continent - Object containing details about the continent that is associated with the IP address.
 - **name** - String - The name of the continent.
 - **geo_id** - Integer - A unique identifier for the continent as specified by GeoNames.
 - **code** - String - A two-character code for the continent associated with the IP address.
- **physical_country** - Country - Object containing details about the country where MaxMind believes the end user is located.
 - **name** - String - The name of the country.
 - **geo_id** - Integer - A unique identifier for the country as specified by GeoNames.
 - **iso_code** - String - A two-character ISO 3166-1 country code for the country associated with the IP address.
 - **confidence** - Integer - A value from 0-100 that represents MaxMind's confidence that the country is correct.

- **registered_country** - Country - Object containing details about the country in which the ISP has registered the IP address.
 - **name** - String - The name of the country.
 - **geo_id** - Integer - A unique identifier for the country as specified by GeoNames.
 - **iso_code** - String - A two-character ISO 3166-1 country code for the country associated with the IP address.
 - **confidence** - Integer - A value from 0-100 that represents MaxMind's confidence that the country is correct.
- **represented_country** - Country - Object containing details about the country which is represented by users of the IP address. For instance, the country represented by an overseas military base.
 - **name** - String - The name of the country.
 - **geo_id** - Integer - A unique identifier for the country as specified by GeoNames.
 - **iso_code** - String - A two-character ISO 3166-1 country code for the country associated with the IP address.
 - **confidence** - Integer - A value from 0-100 that represents MaxMind's confidence that the country is correct.
 - **type** - String - The type of represented country. Currently limited to **military** but may include other types in the future.
- **location** - Location - Object containing details about the city that is associated with the IP address.
 - **accuracy_radius** - Integer - The approximate accuracy radius in kilometers around the latitude and longitude for the IP address. This is the radius where MaxMind has a 67% confidence that the device using the IP address resides within the circle centered at the latitude and longitude with the provided radius.
 - **average_income** - Integer - The average income associated with the IP address.
 - **latitude** - Double - The approximate latitude of the location associated with the IP address. Latitude and Longitude are often near the center of population.
 - **longitude** - Double - The approximate longitude of the location associated with the IP address. Latitude and Longitude are often near the center of population.
 - **metro_code** - Integer - The metro code associated with the IP address. These are only available for IP addresses in the US. Returns the same metro codes as the Google AdWords API.
 - **population_density** - Integer - The estimated number of people per square kilometer.

- **time_zone** - String - The time zone associated with location, as specified by the IANA Time Zone Database. For example, "America/New_York".
- **postal** - Postal - Object containing details about the postal code that is associated with the IP address.
 - **postal_code** - String - The postal code associated with the IP address. These are available for some IP addresses in Australia, Canada, France, Germany, Italy, Spain, Switzerland, United Kingdom, and the US. Returns the first 3 characters for Canadian postal codes. Returns the the first 2-4 characters (outward code) for postal codes in the United Kingdom.
 - **confidence** - Integer - A value from 0-100 that represents MaxMind's confidence that the postal code is correct.
- **subdivision** - List of Subdivisions - Each of these objects contains details about a subdivision of the country in which the IP address resides. Subdivisions are arranged from largest to smallest.
 - **name** - String - The name of the subdivision.
 - **geo_id** - Integer - A unique identifier for the region as specified by GeoNames.
 - **iso_code** - String - A string of up to three characters that contains the region-portion of the ISO 3166-2 code for the region associated with the IP address.
 - **confidence** - Integer - A value from 0-100 that represents MaxMind's confidence that the region is correct.
- **traits** - Traits - Object containing general traits that is associated with the IP address.
 - **autonomous_system_number** - Integer - The autonomous system number associated with the IP address.
 - **autonomous_system_organization** - String - The organization associated with the registered autonomous system number for the IP address.
 - **domain** - String - The second level domain associated with the IP address.
 - **internet_service_provider** - String - The name of the Internet Service Provider associated with the IP address.
 - **organization** - String - The name of the organization associated with the IP address.
 - **user_type** - String - The user type associated with the IP address.
- **geo_json** - GeoJSON - A standardize GeoJSON point object for the IP address.
 - **type** - String - The type of GeoJSON. The default is "Point".
 - **coordinates** - Array of Double - Latitude and Longitude from the Maxmind Location object.

- **is_local** - Boolean - True if the IP address is defined in the network hierarchy.
- **network** - String - The local network that the IP address belongs to.
- **domain_id** - Integer - The domain id of the local network.

Response Sample

```
[
  {
    "city": {
      "confidence": 42,
      "geo_id": 42,
      "name": "String"
    },
    "continent": {
      "code": "String",
      "geo_id": 42,
      "name": "String"
    },
    "domain_id": 42,
    "geo_json": {
      "coordinates": [
        42.5
      ],
      "type": "String"
    },
    "ip_address": "String",
    "is_local": true,
    "location": {
      "accuracy_radius": 42,
      "average_income": 42,
      "latitude": 42.5,
      "longitude": 42.5,
      "metro_code": 42,
      "population_density": 42,
      "timezone": "String"
    },
    "network": "String",
    "physical_country": {
```

```
    "confidence": 42,  
    "geo_id": 42,  
    "iso_code": "String",  
    "name": "String"  
  },  
  "postal": {  
    "confidence": 42,  
    "postal_code": "String"  
  },  
  "registered_country": {  
    "confidence": 42,  
    "geo_id": 42,  
    "iso_code": "String",  
    "name": "String"  
  },  
  "represented_country": {  
    "confidence": 42,  
    "geo_id": 42,  
    "iso_code": "String",  
    "name": "String"  
  },  
  "subdivisions": [  
    {  
      "confidence": 42,  
      "geo_id": 42,  
      "iso_code": "String",  
      "name": "String"  
    }  
  ],  
  "traits": {  
    "autonomous_system_number": 42,  
    "autonomous_system_organization": "String",  
    "domain": "String",  
    "internet_service_provider": "String",  
    "organization": "String",  
    "user_type": "String"  
  }  
}  
]
```

POST /services/port_scans

SUMMARY

Creates a new PortScans lookup. Port scan completes in the background.

Creates a new port scan lookup Not Available on SAAS systems, will return a 404 error.

Table 1920: POST /services/port_scans resource details

POST /services/port_scans resource details

MIME Type

application/json

Table 1921: POST /services/port_scans request parameter details

POST /services/port_scans request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
IP	query	Required	String	text/plain	Used to retrieve the port scan lookup.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1922: POST /services/port_scans response codes

POST /services/port_scans response codes

HTTP Response Code	Unique Code	Description
201		he PortScans lookup was created successfully.
500	1020	An internal server error occurred during the creation of the port scan lookup.

Response Description

A port scan object and the location header set to the task status url `"/services/port_scans/{port_scan_id}"`. A port scan status object contains the following fields:

- **id** - Long - The ID of the port scan.
- **ip** - String - The IP to investigate.
- **message** - String - The result of the port scan when complete.
- **status** - String - The current state of the task.

Response Sample

```
{
  "id": 42,
  "ip": "String",
  "message": "String",
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /services/port_scans/{port_scan_id}

SUMMARY

Retrieves the port scan status. The result is included if the port scan completes.

Retrieves the port scan status.

Table 1923: GET /services/port_scans/{port_scan_id} resource details

GET /services/port_scans/{port_scan_id} resource details

MIME Type

application/json

Table 1924: GET /services/port_scans/{port_scan_id} request parameter details

GET /services/port_scans/{port_scan_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
port_scan_id	path	Required	Number (Integer)	text/plain	Required - The ID of the port scan to be retrieved.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1925: GET /services/port_scans/{port_scan_id} response codes

GET /services/port_scans/{port_scan_id} response codes

HTTP Response Code	Unique Code	Description
200		The port scan status was retrieved.
404	1002	The port scan sStatus does not exist.
500	1020	An error occurred during the attempt to retrieve the port scan status.

Response Description

A port scan object and the location header set to the task status url `"/services/port_scans/{port_scan_id}"`. A port scan status object contains the following fields:

- **id** - Long - The ID of the port scan.
- **ip** - String - The IP to investigate.
- **message** - String - The result of the port scan when complete.
- **status** - String - The current state of the task.

Response Sample

```
{
  "id": 42,
  "ip": "String",
  "message": "String",
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

POST /services/whois_lookups

SUMMARY

Creates a new WHOIS lookup. Lookup completes in the background.

Creates a new WHOIS lookup.

Table 1926: POST /services/whois_lookups resource details

POST /services/whois_lookups resource details

MIME Type

application/json

Table 1927: POST /services/whois_lookups request parameter details

POST /services/whois_lookups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
IP	query	Required	String	text/plain	Used to retrieve the WHOIS lookup.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1928: POST /services/whois_lookups response codes

POST /services/whois_lookups response codes

HTTP Response Code	Unique Code	Description
201		The WHOIS lookup was created successfully.
500	1020	An internal server error occurred during the creation of the WHOIS lookup.

Response Description

A WHOIS lookup object, and the location header that is set to the task status url `"/services/whois_lookups/{whois_lookup_id}"`. A WHOIS status object contains the following fields:

- **id** - Long - The ID of the WHOIS lookup.
- **ip** - String - The IP to investigate.
- **message** - String - The result of the WHOIS lookup when complete.
- **status** - String - The current state of the task.

Response Sample

```
{
  "id": 42,
  "ip": "String",
  "message": "String",
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /services/whois_lookups/{whois_lookup_id}

SUMMARY

Retrieves the WHOIS lookup status. The result is included if the lookup completes.

Retrieves the WHOIS lookup status.

Table 1929: GET /services/whois_lookups/{whois_lookup_id} resource details

GET /services/whois_lookups/{whois_lookup_id} resource details

MIME Type

application/json

Table 1930: GET /services/whois_lookups/{whois_lookup_id} request parameter details

GET /services/whois_lookups/{whois_lookup_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
whois_lookup_id	path	Required	Number (Integer)	text/plain	Required - The ID of the WHOIS lookup to be retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1931: GET /services/whois_lookups/{whois_lookup_id} response codes

GET /services/whois_lookups/{whois_lookup_id} response codes

HTTP Response Code	Unique Code	Description
200		The WHOIS lookup status was retrieved.
404	1002	The WHOIS lookup status does not exist.
500	1020	An error occurred during the attempt to retrieve the WHOIS lookup status.

Response Description

A WHOIS lookup object, and the location header that is set to the task status url `"/services/whois_lookups/{whois_lookup_id}"`. A WHOIS status object contains the following fields:

- **id** - Long - The ID of the WHOIS lookup.
- **ip** - String - The IP to investigate.
- **message** - String - The result of the WHOIS lookup when complete.
- **status** - String - The current state of the task.

Response Sample

```
{
  "id": 42,
  "ip": "String",
  "message": "String",
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

23

CHAPTER

SIEM Endpoints

SIEM Endpoints | 2023

SIEM Endpoints

SUMMARY

Use the references for REST API 16.0 SIEM endpoints.

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- [GET /siem/local_destination_addresses/{local_destination_address_id}](#) | 2027
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- GET /siem/offenses/{offense_id}/notes | 2098
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- GET /siem/offenses/{offense_id}/notes/{note_id} | 2103
- GET /siem/source_addresses | 2105
- GET /siem/source_addresses/{source_address_id} | 2108

GET /siem/local_destination_addresses

SUMMARY

Retrieve a list offense local destination addresses currently in the system.

Retrieve a list offense local destination addresses currently in the system.

Table 1932: GET /siem/local_destination_addresses resource details

GET /siem/local_destination_addresses resource details

MIME Type
application/json

Table 1933: GET /siem/local_destination_addresses request parameter details

GET /siem/local_destination_addresses request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1934: GET /siem/local_destination_addresses response codes

GET /siem/local_destination_addresses response codes

HTTP Response Code	Unique Code	Description
200		The local destination address list was retrieved.
422	1005	A request parameter is not valid.
422	1010	The filter parameter is not valid.
500	1020	An error occurred while the local destination address list was being retrieved.

Response Description

An array of local destination address objects. A local destination address object contains the following fields:

- **id** - Number - The ID of the destination address.
- **local_destination_ip** - String - The IP address.
- **magnitude** - Number - The magnitude of the destination address.
- **network** - String - The network of the destination address.
- **offense_ids** - Array of Numbers - List of offense IDs the destination address is part of.
- **source_address_ids** - Array of Numbers - List of source address IDs associated with the destination address.
- **event_flow_count** - Number - The number of events and flows that are associated with the destination address.
- **first_event_flow_seen** - Number - The number of milliseconds since epoch when the first event or flow was seen.
- **last_event_flow_seen** - Number - The number of milliseconds since epoch when the last event or flow was seen.
- **domain_id** - Number - The ID of associated domain.

Response Sample

```
[
  {
    "domain_id": 42,
    "event_flow_count": 42,
    "first_event_flow_seen": 42,
    "id": 42,
    "last_event_flow_seen": 42,
    "local_destination_ip": "String",
    "magnitude": 42,
    "network": "String",
    "offense_ids": [
      42
    ],
    "source_address_ids": [
      42
    ]
  }
]
```

GET /siem/local_destination_addresses/{local_destination_address_id}

SUMMARY

Retrieve an offense local destination address.

Retrieve an offense local destination address.

Table 1935: GET /siem/local_destination_addresses/{local_destination_address_id} resource details

GET /siem/local_destination_addresses/{local_destination_address_id} resource details

MIME Type

application/json

Table 1936: GET /siem/local_destination_addresses/{local_destination_address_id} request parameter details

GET /siem/local_destination_addresses/{local_destination_address_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
local_destination_address_id	path	Required	Number (Integer)	text/plain	Required - The ID of the local destination address to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1937: GET /siem/local_destination_addresses/{local_destination_address_id} response codes

GET /siem/local_destination_addresses/{local_destination_address_id} response codes

HTTP Response Code	Unique Code	Description
200		The local destination was retrieved.
404	1002	No local destination address was found for the provided local_destination_address_id.
422	1005	A request parameter is not valid.

Table 1937: GET /siem/local_destination_addresses/{local_destination_address_id} response codes
(Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred while the local destination address was being retrieved.

Response Description

A local destination address object. A local destination address object contains the following fields:

- **id** - Number - The ID of the destination address.
- **local_destination_ip** - String - The IP address.
- **magnitude** - Number - The magnitude of the destination address.
- **network** - String - The network of the destination address.
- **offense_ids** - Array of Numbers - List of offense IDs the destination address is part of.
- **source_address_ids** - Array of Numbers - List of source address IDs associated with the destination address.
- **event_flow_count** - Number - The number of events and flows that are associated with the destination address.
- **first_event_flow_seen** - Number - The number of milliseconds since epoch when the first event or flow was seen.
- **last_event_flow_seen** - Number - The number of milliseconds since epoch when the last event or flow was seen.
- **domain_id** - Number - The ID of associated domain.

Response Sample

```
{
  "domain_id": 42,
  "event_flow_count": 42,
  "first_event_flow_seen": 42,
  "id": 42,
  "last_event_flow_seen": 42,
  "local_destination_ip": "String",
  "magnitude": 42,
  "network": "String",
  "offense_ids": [
    42
  ],
  "source_address_ids": [
    42
  ]
}
```

GET /siem/offense_closing_reasons

SUMMARY

Retrieve a list of all offense closing reasons.

Retrieve a list of all offense closing reasons.

Table 1938: GET /siem/offense_closing_reasons resource details

GET /siem/offense_closing_reasons resource details

MIME Type

application/json

Table 1939: GET /siem/offense_closing_reasons request parameter details

GET /siem/offense_closing_reasons request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
include_reserved	query	Optional	Boolean	text/plain	Optional - If true, reserved closing reasons are included in the response. Defaults to false. Reserved closing reasons cannot be used to close an offense.
include_deleted	query	Optional	Boolean	text/plain	Optional - If true, deleted closing reasons are included in the response. Defaults to false. Deleted closing reasons cannot be used to close an offense.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1939: GET /siem/offense_closing_reasons request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1940: GET /siem/offense_closing_reasons response codes

GET /siem/offense_closing_reasons response codes

HTTP Response Code	Unique Code	Description
200		The closing reasons list was retrieved.
500	1020	An error occurred while the closing reasons list was being retrieved.

Response Description

An array of ClosingReason objects. A closing reason object contains the following fields:

- **id** - Number - The ID of the closing reason.
- **text** - String - The text of the closing reason.
- **is_deleted** - Boolean - Determines whether the closing reason is deleted. Deleted closing reasons cannot be used to close an offense.
- **is_reserved** - Boolean - Determines whether the closing reason is reserved. Reserved closing reasons cannot be used to close an offense.

Response Sample

```
[
  {
    "id": 42,
    "is_deleted": true,
    "is_reserved": true,
    "text": "String"
  }
]
```

POST /siem/offense_closing_reasons

SUMMARY

Create an offense closing reason.

Create an offense closing reason.

Table 1941: POST /siem/offense_closing_reasons resource details

POST /siem/offense_closing_reasons resource details

MIME Type

application/json

Table 1942: POST /siem/offense_closing_reasons request parameter details

POST /siem/offense_closing_reasons request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
reason	query	Required	String	text/plain	Required - The text of the offense closing reason must be 5 - 60 characters in length.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1943: POST /siem/offense_closing_reasons response codes

POST /siem/offense_closing_reasons response codes

HTTP Response Code	Unique Code	Description
201		The closing reason was created.
409	1004	The closing reason already exists.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to create the closing reason.

Response Description

A ClosingReason object. A closing reason object contains the following fields:

- **id** - Number - The ID of the closing reason.
- **text** - String - The text of the closing reason.

- **is_deleted** - Boolean - Determines whether the closing reason is deleted. Deleted closing reasons cannot be used to close an offense.
- **is_reserved** - Boolean - Determines whether the closing reason is reserved. Reserved closing reasons cannot be used to close an offense.

Response Sample

```
{
  "id": 42,
  "is_deleted": true,
  "is_reserved": true,
  "text": "String"
}
```

GET /siem/offense_closing_reasons/{closing_reason_id}

SUMMARY

Retrieve an offense closing reason.

Retrieve an offense closing reason.

Table 1944: GET /siem/offense_closing_reasons/{closing_reason_id} resource details

GET /siem/offense_closing_reasons/{closing_reason_id} resource details

MIME Type

application/json

Table 1945: GET /siem/offense_closing_reasons/{closing_reason_id} request parameter details

GET /siem/offense_closing_reasons/{closing_reason_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
closing_reaso n_id	path	Required	Number (Integer)	text/plain	Required - The closing reason ID.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1946: GET /siem/offense_closing_reasons/{closing_reason_id} response codes

GET /siem/offense_closing_reasons/{closing_reason_id} response codes

HTTP Response Code	Unique Code	Description
200		The closing reason was retrieved.
404	1002	No closing reason was found for the provided closing_reason_id.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to retrieve the closing reason.

Response Description

A ClosingReason object. A closing reason object contains the following fields:

- **id** - Number - The ID of the closing reason.

- **text** - String - The text of the closing reason.
- **is_deleted** - Boolean - Determines whether the closing reason is deleted. Deleted closing reasons cannot be used to close an offense.
- **is_reserved** - Boolean - Determines whether the closing reason is reserved. Reserved closing reasons cannot be used to close an offense.

Response Sample

```
{
  "id": 42,
  "is_deleted": true,
  "is_reserved": true,
  "text": "String"
}
```

GET /siem/offense_saved_search_delete_tasks/{task_id}

SUMMARY

Retrieves the delete the offense saved search task status.

Retrieves the delete offense saved search task status.

Table 1947: GET /siem/offense_saved_search_delete_tasks/{task_id} resource details

GET /siem/offense_saved_search_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 1948: GET /siem/offense_saved_search_delete_tasks/{task_id} request parameter details

GET /siem/offense_saved_search_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1949: GET /siem/offense_saved_search_delete_tasks/{task_id} response codes

GET /siem/offense_saved_search_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.
404	1002	The delete task status does not exist.
500	1020	An error occurred during the attempt to retrieve the delete task status.

Response Description

A Delete Task Status object and the location header set to the task status url "/api/siem/offense_saved_search_delete_tasks/{task_id}". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.

- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /siem/offense_saved_search_dependent_tasks/{task_id}

SUMMARY

Retrieves the dependent the offense saved search task status.

Retrieves the dependent offense saved search task status.

Table 1950: GET /siem/offense_saved_search_dependent_tasks/{task_id} resource details

GET /siem/offense_saved_search_dependent_tasks/{task_id} resource details

MIME Type
application/json

Table 1951: GET /siem/offense_saved_search_dependent_tasks/{task_id} request parameter details

GET /siem/offense_saved_search_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1952: GET /siem/offense_saved_search_dependent_tasks/{task_id} response codes

GET /siem/offense_saved_search_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The delete task status was retrieved.
404	1002	The delete task status does not exist.

Table 1952: GET /siem/offense_saved_search_dependent_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the attempt to retrieve the delete task status.

Response Description

A Dependent Task Status object and the location header set to the task status url "/api/siem/offense_saved_search_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.

- **status** - String - The current state of the sub-task.
- **sub_task_type** - String - The type of the sub-task.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects that were checked for dependency.
- **created** - Long - The time in milliseconds since epoch since the sub-task was created.
- **started** - Long - The time in milliseconds since epoch since the sub-task was started.
- **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
- **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
```

```

    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
  }
]
}

```

POST /siem/offense_saved_search_dependent_tasks/{task_id}

SUMMARY

Cancels the dependent the offense saved search task.

Cancels the dependent offense saved search task.

Table 1953: POST /siem/offense_saved_search_dependent_tasks/{task_id} resource details

POST /siem/offense_saved_search_dependent_tasks/{task_id} resource details

MIME Type

application/json

Table 1954: POST /siem/offense_saved_search_dependent_tasks/{task_id} request parameter details

POST /siem/offense_saved_search_dependent_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1955: POST /siem/offense_saved_search_dependent_tasks/{task_id} request body details

POST /siem/offense_saved_search_dependent_tasks/{task_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
task	Object	application/json	null	{ "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>" }

Table 1956: POST /siem/offense_saved_search_dependent_tasks/{task_id} response codes

POST /siem/offense_saved_search_dependent_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The dependent task status was retrieved.

Table 1956: POST /siem/offense_saved_search_dependent_tasks/{task_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1002	The dependent task status does not exist.
409	1004	The task is in a completed state.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the dependent task status.

Response Description

A Dependent Task Status object and the location header set to the task status url "/api/siem/offense_saved_search_dependent_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.

- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state the sub-task is in.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{
  "cancelled_by": "String",
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "maximum": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "number_of_dependents": 42,
  "progress": 42,
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
  "task_components": [
```



```

    {
      "completed": 42,
      "created": 42,
      "maximum": 42,
      "message": "String",
      "modified": 42,
      "number_of_dependents": 42,
      "progress": 42,
      "started": 42,
      "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
      "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
    }
  ]
}

```

GET /siem/offense_saved_search_dependent_tasks/{task_id}/results

SUMMARY

Retrieves the offense saved search dependent task results.

Retrieves the offense saved search dependent task results.

Table 1957: GET /siem/offense_saved_search_dependent_tasks/{task_id}/results resource details

GET /siem/offense_saved_search_dependent_tasks/{task_id}/results resource details

MIME Type

application/json

Table 1958: GET /siem/offense_saved_search_dependent_tasks/{task_id}/results request parameter details

GET /siem/offense_saved_search_dependent_tasks/{task_id}/results request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1959: GET /siem/offense_saved_search_dependent_tasks/{task_id}/results response codes

GET /siem/offense_saved_search_dependent_tasks/{task_id}/results response codes

HTTP Response Code	Unique Code	Description
200		The offense saved search dependents were retrieved
404	1002	The dependent task status does not exist.
500	1020	An error occurred during the attempt to retrieve the offense saved searches.

Response Description

An list of Dependent objects. A Dependent object contains the following fields:

- **dependent_id** - String - The ID of the dependent resource.
- **dependent_name** - String - The name of the dependent resource (default resources can have localized names).
- **dependent_owner** - String - The owner of the dependent resource
- **dependent_type** - String - The type of the dependent resource
- **dependent_database** - String - The database of the dependent resource.
- **dependent_group_ids** - Array of Longs - List of groups that the dependent resource belongs to.
- **user_has_edit_permissions** - Boolean - True if the user who created the task has permission to edit this dependent resource.

Response Sample

```
[
  {
    "blocking": true,
    "dependent_database": "String <one of: EVENTS, FLOWS, ASSETS>",
    "dependent_group_ids": [
      42
    ],
    "dependent_id": "String",
    "dependent_name": "String",
    "dependent_owner": "String",
    "dependent_type": "String <one of: APP, NAMED_SERVICE, ARIEL_SAVED_SEARCH,
ASSET_SAVED_SEARCH, OFFENSE_SAVED_SEARCH, VULNERABILITY_SAVED_SEARCH, QRM_SAVED_SEARCH_GROUP,
ASSET_SAVED_SEARCH_GROUP, CUSTOM_RULE_GROUP, EVENT_ARIEL_SAVED_SEARCH_GROUP,
FLOW_ARIEL_SAVED_SEARCH_GROUP, LOG_SOURCE_GROUP, MODEL_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QUESTION_GROUP, REPORT_GROUP, SIMULATION_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP, ASSIGNED_OFFENSE, ASSIGNED_VULNERABILITY, AUTHORIZED_SERVICE,
BUILDING_BLOCK, CRE_RULE, CRE_ADE_RULE, EVENT_REGEX_PROPERTY, EVENT_REGEX_PROPERTY_DEPENDENCY,
EVENT_REGEX_PROPERTY_DISABLING_DEPENDENCY, EVENT_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY,
EVENT_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, EVENT_AQL_PROPERTY_DISABLING_DEPENDENCY,
```

```

EVENT_CALCULATED_PROPERTY_DISABLING_DEPENDENCY, EVENT_CALCULATED_PROPERTY, FLOW_REGEX_PROPERTY,
FLOW_REGEX_PROPERTY_DEPENDENCY, FLOW_REGEX_PROPERTY_DISABLING_DEPENDENCY,
FLOW_REGEX_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_AQL_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_DISABLING_DEPENDENCY,
FLOW_CALCULATED_PROPERTY_CHANGE_FIELD_TYPE_DEPENDENCY, FLOW_CALCULATED_PROPERTY, DASHBOARD,
GV_REFERENCE, REPORT, REFERENCE_DATA, REFERENCE_DATA_MAP_OF_SETS, REFERENCE_DATA_MAPS,
REFERENCE_DATA_SETS, REFERENCE_DATA_TABLES, REFERENCE_DATA_RESPONSE, REFERENCE_SET_RESPONSE,
REFERENCE_DATA_KEY, REFERENCE_DATA_ELEMENT, EVENT_RETENTION_BUCKET, FLOW_RETENTION_BUCKET,
ROUTING_RULE, STORE_AND_FORWARD_POLICY, USER, HISTORICAL_PROFILE, OFFENSE, EVENT_AQL_PROPERTY,
FLOW_AQL_PROPERTY, OFFENSE_TYPE, SECURITY_PROFILE, ARIEL_INDEX, DOMAIN_MAPPING,
FORWARDING_PROFILE, REGEX_EXPRESSION, JSON_EXPRESSION, LEEF_EXPRESSION, CEF_EXPRESSION,
GENERICLIST_EXPRESSION, NAMEVALUEPAIR_EXPRESSION, XML_EXPRESSION, AQL_EXPRESSION,
CALCULATED_EXPRESSION>",
    "user_has_edit_permissions": true
  }
]

```

GET /siem/offense_saved_search_groups

SUMMARY

Retrieves a list of offense saved search groups.

Retrieves a list of offense saved search groups.

Table 1960: GET /siem/offense_saved_search_groups resource details

GET /siem/offense_saved_search_groups resource details

MIME Type

application/json

Table 1961: GET /siem/offense_saved_search_groups request parameter details

GET /siem/offense_saved_search_groups request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1962: GET /siem/offense_saved_search_groups response codes

GET /siem/offense_saved_search_groups response codes

HTTP Response Code	Unique Code	Description
200		The offense saved search groups were returned.
500	1020	An error occurred during the attempt to retrieve the offense saved search groups.

Response Description

List of the Group objects. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
[
  {
    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
  }
]
```

```
}
]
```

DELETE /siem/offense_saved_search_groups/{group_id}

SUMMARY

Deletes an offense saved search group.

Deletes an offense saved search group.

Table 1963: DELETE /siem/offense_saved_search_groups/{group_id} resource details

DELETE /siem/offense_saved_search_groups/{group_id} resource details

MIME Type

text/plain

Table 1964: DELETE /siem/offense_saved_search_groups/{group_id} request parameter details

DELETE /siem/offense_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1965: DELETE /siem/offense_saved_search_groups/{group_id} response codes

DELETE /siem/offense_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
204		The offense saved search group has been deleted.
404	1002	The offense saved search group does not exist.
409	1004	null
500	1020	An error occurred during the attempt to delete the offense saved search group.

Response Description

Response Sample

GET /siem/offense_saved_search_groups/{group_id}

SUMMARY

Retrieves an offense saved search group.

Retrieves an offense saved search group.

Table 1966: GET /siem/offense_saved_search_groups/{group_id} resource details

GET /siem/offense_saved_search_groups/{group_id} resource details

MIME Type
application/json

Table 1967: GET /siem/offense_saved_search_groups/{group_id} request parameter details

GET /siem/offense_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1968: GET /siem/offense_saved_search_groups/{group_id} response codes

GET /siem/offense_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The offense saved search group was retrieved.
404	1002	The offense saved search group does not exist.
500	1020	An error occurred during the attempt to retrieve the offense saved search group.

Response Description

A single Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
  "child_groups": [
    42
  ],
  "child_items": [
    "String"
  ],
  "description": "String",
  "id": 42,
  "level": 42,
  "modified_time": 42,
  "name": "String",
  "owner": "String",
  "parent_id": 42,
  "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
```

```
VULNERABILITY_SAVED_SEARCH_GROUP>"
}
```

POST /siem/offense_saved_search_groups/{group_id}

SUMMARY

Updates the owner of an offense saved search group.

Updates the owner of an offense saved search group.

Table 1969: POST /siem/offense_saved_search_groups/{group_id} resource details

POST /siem/offense_saved_search_groups/{group_id} resource details

MIME Type

application/json

Table 1970: POST /siem/offense_saved_search_groups/{group_id} request parameter details

POST /siem/offense_saved_search_groups/{group_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
group_id	path	Required	Number (Integer)	text/plain	null

Table 1970: POST /siem/offense_saved_search_groups/{group_id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1971: POST /siem/offense_saved_search_groups/{group_id} request body details

POST /siem/offense_saved_search_groups/{group_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
group	Object	application/json	Required - Group object with the owner set to a valid deployed user.	{ "child_groups": [42], "child_items": ["String"], "description": "String", "id": 42, "level": 42, "name": "String", "owner": "String", "parent_id": 42, "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP, EVENT_SAVED_SEARCH_GR OUP, FLOW_SAVED_SEARCH_GR OUP, OFFENSE_SAVED_SEARCH_ GROUP, QRM_SAVED_SEARCH_GRO UP, MODEL_SAVED_SEARCH_GR OUP, QUESTION_SAVED_SEARCH_ _GROUP, SIMULATION_SAVED_SEARC H_GROUP, TOPOLOGY_SAVED_SEARCH_ _GROUP, ASSET_SAVED_SEARCH_GR OUP, VULNERABILITY_SAVED_SE ARCH_GROUP>" }

Table 1972: POST /siem/offense_saved_search_groups/{group_id} response codes

POST /siem/offense_saved_search_groups/{group_id} response codes

HTTP Response Code	Unique Code	Description
200		The offense saved search group was updated.
404	1002	The offense saved search group does not exist.

Table 1972: POST /siem/offense_saved_search_groups/{group_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1004	The provided user does not have the required capabilities to own the offense saved search group.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the offense saved search group.

Response Description

The updated Group object. A Group object contains the following fields:

- **id** - Long - The ID of the group.
- **parent_id** - Long - The ID of the parent group (default resources can have localized names).
- **type** - String - The type of the group.
- **level** - Long - The depth of the group in the group hierarchy.
- **name** - String - The name of the group (default resources can have localized names).
- **description** - String - The description of the group (default resources can have localized names).
- **owner** - String - The owner of the group.
- **modified_time** - Long - The time in milliseconds since epoch since the group was last modified.
- **child_group_ids** - Array of Longs - List of the child group IDs.

Response Sample

```
{
```

```

    "child_groups": [
      42
    ],
    "child_items": [
      "String"
    ],
    "description": "String",
    "id": 42,
    "level": 42,
    "modified_time": 42,
    "name": "String",
    "owner": "String",
    "parent_id": 42,
    "type": "String <one of: LOG_SOURCE_GROUP, REPORT_GROUP, RULE_GROUP,
EVENT_SAVED_SEARCH_GROUP, FLOW_SAVED_SEARCH_GROUP, OFFENSE_SAVED_SEARCH_GROUP,
QRM_SAVED_SEARCH_GROUP, MODEL_SAVED_SEARCH_GROUP, QUESTION_SAVED_SEARCH_GROUP,
SIMULATION_SAVED_SEARCH_GROUP, TOPOLOGY_SAVED_SEARCH_GROUP, ASSET_SAVED_SEARCH_GROUP,
VULNERABILITY_SAVED_SEARCH_GROUP>"
  }

```

GET /siem/offense_saved_searches

SUMMARY

Retrieves a list of offense saved searches.

Retrieves a list of offense saved searches.

Table 1973: GET /siem/offense_saved_searches resource details

GET /siem/offense_saved_searches resource details

MIME Type

application/json

Table 1974: GET /siem/offense_saved_searches request parameter details

GET /siem/offense_saved_searches request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1975: GET /siem/offense_saved_searches response codes

GET /siem/offense_saved_searches response codes

HTTP Response Code	Unique Code	Description
200		The offense saved searches were retrieved.
500	1020	An error occurred during the attempt to retrieve the offense saved searches.

Response Description

An array of offense saved search objects. An offense saved search object contains the following fields:

- **id** - Long - The ID of the offense saved search.
- **name** - String - The name of the offense saved search.
- **owner** - String - The owner of the offense saved search.

Response Sample

```
[
  {
    "id": 42,
    "name": "String",
    "owner": "String"
  }
]
```

DELETE /siem/offense_saved_searches/{id}

SUMMARY

Deletes an offense saved search. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Deletes an offense saved search. To ensure safe deletion, a dependency check is carried out. This check might take some time. An asynchronous task to do is started for this check.

Table 1976: DELETE /siem/offense_saved_searches/{id} resource details

DELETE /siem/offense_saved_searches/{id} resource details

MIME Type

application/json

Table 1977: DELETE /siem/offense_saved_searches/{id} request parameter details

DELETE /siem/offense_saved_searches/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1978: DELETE /siem/offense_saved_searches/{id} response codes

DELETE /siem/offense_saved_searches/{id} response codes

HTTP Response Code	Unique Code	Description
202		The offense saved search delete command was accepted and is in progress.
403	1009	You do not have the required capabilities to delete the offense saved search.
404	1002	The offense saved search does not exist.
500	1020	An error occurred during the attempt to delete the offense saved search.

Response Description

A Delete Task Status object and the location header set to the task status url `"/api/siem/offense_saved_search_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.
- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /siem/offense_saved_searches/{id}

SUMMARY

Retrieves an offense saved search.

Retrieves an offense saved search.

Table 1979: GET /siem/offense_saved_searches/{id} resource details

GET /siem/offense_saved_searches/{id} resource details

MIME Type

application/json

Table 1980: GET /siem/offense_saved_searches/{id} request parameter details

GET /siem/offense_saved_searches/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1981: GET /siem/offense_saved_searches/{id} response codes

GET /siem/offense_saved_searches/{id} response codes

HTTP Response Code	Unique Code	Description
200		The offense saved search was retrieved.
404	1002	The offense saved search does not exist.
500	1020	An error occurred during the attempt to retrieve the offense saved search.

Response Description

The offense saved search after it has been retrieved. An offense saved search object contains the following fields:

- **id** - Long - The ID of the offense saved search.
- **name** - String - The name of the offense saved search.
- **owner** - String - The owner of the offense saved search.

Response Sample

```
{
  "id": 42,
  "name": "String",
  "owner": "String"
}
```

POST /siem/offense_saved_searches/{id}

SUMMARY

Updates the offense saved search owner only.

Updates the offense saved search owner only.

Table 1982: POST /siem/offense_saved_searches/{id} resource details

POST /siem/offense_saved_searches/{id} resource details

MIME Type

application/json

Table 1983: POST /siem/offense_saved_searches/{id} request parameter details

POST /siem/offense_saved_searches/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
filter	header	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1984: POST /siem/offense_saved_searches/{id} request body details

POST /siem/offense_saved_searches/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
saved_search	Object	application/ json	null	{ "id": "1", "name": "String", "is_shared": true, "owner": "String" }

Table 1985: POST /siem/offense_saved_searches/{id} response codes

POST /siem/offense_saved_searches/{id} response codes

HTTP Response Code	Unique Code	Description
200		The offense saved search was updated.
403	1009	You do not have the required capabilities to update the offense saved search.
404	1002	The offense saved search does not exist.
409	1004	The provided user does not have the required capabilities to own the offense saved search.
422	1005	A request parameter is not valid.
500	1020	An error occurred during the attempt to update the offense saved search.

Response Description

The offense saved search after it is updated. An offense saved search object contains the following fields:

- **id** - Long - The ID of the offense saved search.
- **name** - String - The name of the offense saved search.
- **owner** - String - The owner of the offense saved search.

Response Sample

```
{
  "id": 42,
  "name": "String",
  "owner": "String"
}
```

GET /siem/offense_saved_searches/{id}/dependents

SUMMARY

Retrieves the objects that depend on an offense saved search.

Retrieves the objects that depend on an offense saved search.

Table 1986: GET /siem/offense_saved_searches/{id}/dependents resource details

GET /siem/offense_saved_searches/{id}/dependents resource details

MIME Type

application/json

Table 1987: GET /siem/offense_saved_searches/{id}/dependents request parameter details

GET /siem/offense_saved_searches/{id}/dependents request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 1987: GET /siem/offense_saved_searches/{id}/dependents request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1988: GET /siem/offense_saved_searches/{id}/dependents response codes

GET /siem/offense_saved_searches/{id}/dependents response codes

HTTP Response Code	Unique Code	Description
202		The offense saved search dependents retrieval was accepted and is in progress.
404	1002	The offense saved search does not exist.
500	1020	An error occurred during the attempt to initiate the offense saved search dependents retrieval task.

Response Description

A Dependents Task Status object and the location header set to the task status url "/api/siem/offense_saved_search_dependents_tasks/{task_id}". A Dependent Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.

- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **cancelled_by** - String - The name of the user who requested to cancel the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.
- **number_of_dependents** - Long - The number of dependents found. The value is null until the task completes.
- **maximum** - Long - The maximum number of objects to check for dependency.
- **progress** - Long - The number of objects checked for dependency.
- **task_components** - Array - An array of task component objects. A task component object contains the following fields:
 - **message** - String - The localized sub-task status message.
 - **status** - String - The current state of the sub-task.
 - **sub_task_type** - String - The type of the sub-task
 - **maximum** - Long - The maximum number of objects to check for dependency.
 - **progress** - Long - The number of objects that were checked for dependency.
 - **created** - Long - The time in milliseconds since epoch since the sub-task was created.
 - **started** - Long - The time in milliseconds since epoch since the sub-task was started.
 - **modified** - Long - The time in milliseconds since epoch since the sub-task was modified.
 - **completed** - Long - The time in milliseconds since epoch since the sub-task was completed.

Response Sample

```
{  
  "cancelled_by": "String",
```

```

    "completed": 42,
    "created": 42,
    "created_by": "String",
    "id": 42,
    "maximum": 42,
    "message": "String",
    "modified": 42,
    "name": "String",
    "number_of_dependents": 42,
    "progress": 42,
    "started": 42,
    "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
    "task_components": [
      {
        "completed": 42,
        "created": 42,
        "maximum": 42,
        "message": "String",
        "modified": 42,
        "number_of_dependents": 42,
        "progress": 42,
        "started": 42,
        "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED,
CONFLICT, EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>",
        "task_sub_type": "String <one of: FIND_DEPENDENT_ARIEL_SAVED_SEARCHES,
FIND_DEPENDENT_OFFENSE_SAVED_SEARCHES, FIND_DEPENDENT_ASSET_SAVED_SEARCHES,
FIND_DEPENDENT_VULNERABILITY_SAVED_SEARCHES, FIND_DEPENDENT_ADE_RULES, FIND_DEPENDENT_RULES,
FIND_DEPENDENT_CALCULATED_PROPERTIES, FIND_DEPENDENT_AQL_PROPERTIES,
FIND_DEPENDENT_LOG_SOURCE_GROUPS, FIND_DEPENDENT_CUSTOM_PROPERTIES, FIND_DEPENDENT_REPORTS,
FIND_DEPENDENT_DASHBOARDS, FIND_DEPENDENT_STORE_AND_FORWARD_POLOCIES,
FIND_DEPENDENT_AUTHORIZED_SERVICES, FIND_DEPENDENT_OFFENSE_TYPES,
FIND_DEPENDENT_ASSIGNED_OFFENSES, FIND_DEPENDENT_VULNERABILITIES, FIND_DEPENDENT_GROUPS,
FIND_DEPENDENT_HISTORICAL_CORRELATION_PROFILES, FIND_DEPENDENT_SECURITY_PROFILES,
FIND_DEPENDENT_ARIEL_INDEXING, FIND_DEPENDENT_DOMAIN, FIND_DEPENDENT_NAMED_SERVICES,
FIND_DEPENDENT_FORWARDING_PROFILE>"
      }
    ]
  }
}

```

GET /siem/offense_types

SUMMARY

Retrieve all the Offense Types

Retrieve all offense types.

Table 1989: GET /siem/offense_types resource details

GET /siem/offense_types resource details

MIME Type

application/json

Table 1990: GET /siem/offense_types request parameter details

GET /siem/offense_types request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 1990: GET /siem/offense_types request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1991: GET /siem/offense_types response codes

GET /siem/offense_types response codes

HTTP Response Code	Unique Code	Description
200		The requested offense types list has been retrieved.
422	1005	A request parameter is not valid.
422	1010	The filter parameter is not valid.
422	1012	The selected field cannot be used for sorting or it does not exist.
500	1020	An error occurred while attempting to retrieve the offense type list.

Response Description

The Offense Types that exist at the moment. Offense types may include custom flow/event properties only if they have been selected as part of a rule action or rule response limiter.

- **id** - Number - The ID of the offense type and what is presented in the offense's offense_type. (Filterable. Sortable.)
- **property_name** - String - The name of the event or flow property represented by this offense type for flow or event properties or the unique identifier for custom flow or event properties. (Filterable. Sortable.)
- **name** - String - The offense type's name. (Filterable.)
- **database_type** - String - Database where this type is present. Possible values are: EVENTS, FLOWS, or COMMON (if it belongs to both events and flows). (Filterable. Sortable.)
- **custom** - boolean - True if the offense type is based on a custom flow or event property. (Filterable. Sortable.)

The following field can be sorted on: id.

Response Sample

```
[
  {
    "custom": true,
    "database_type": "String <one of: EVENTS, FLOWS, COMMON>",
    "id": 42,
    "name": "String",
    "property_name": "String"
  }
]
```

GET /siem/offense_types/{offense_type_id}

SUMMARY

Retrieve an offense type structure that describes the properties of an offense type.

Retrieve an offense type.

Table 1992: GET /siem/offense_types/{offense_type_id} resource details

GET /siem/offense_types/{offense_type_id} resource details

MIME Type

application/json

Table 1993: GET /siem/offense_types/{offense_type_id} request parameter details

GET /siem/offense_types/{offense_type_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
offense_type_id	path	Required	Number (Integer)	text/plain	Required - int - The offense type id.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 1994: GET /siem/offense_types/{offense_type_id} response codes

GET /siem/offense_types/{offense_type_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested offense type has been retrieved.
404	1002	The requested offense type cannot be found.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to retrieve the requested offense type.

Response Description

The Offense Type with the entered offense_type_id.

- **id** - Number - The ID of the offense type and what is presented in the offense's offense_type.
- **property_name** - String - The name of the of the event or flow property represented by this offense type for flow or event properties or the unique identifier for custom flow or event properties.
- **name** - String - The offense type's name.
- **database_type** - String - Database where this type is present. Possible values are: EVENTS, FLOWS, or COMMON (if it belongs to both events and flows).
- **custom** - boolean - True if the offense type is based on a custom flow or event property.

Response Sample

```
{
  "custom": true,
  "database_type": "String <one of: EVENTS, FLOWS, COMMON>",
  "id": 42,
  "name": "String",
```

```
"property_name": "String"
}
```

GET /siem/offenses

SUMMARY

Retrieve a list of offenses currently in the system.

Retrieve a list of offenses currently in the system.

Table 1995: GET /siem/offenses resource details

GET /siem/offenses resource details

MIME Type

application/json

Table 1996: GET /siem/offenses request parameter details

GET /siem/offenses request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 1996: GET /siem/offenses request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 1997: GET /siem/offenses response codes

GET /siem/offenses response codes

HTTP Response Code	Unique Code	Description
200		The offense list was retrieved.
422	1005	A request parameter is not valid.
422	1030	The sort field or order is not valid
422	1010	The filter parameter is not valid.
500	1020	An error occurred while the offense list was being retrieved.

Response Description

An array of Offense objects. An Offense object contains the following fields:

- **id** - Number - The ID of the offense. (Filterable. Sortable.)
- **description** - String - The description of the offense.
- **assigned_to** - String - The user the offense is assigned to. (Filterable. Sortable.)
- **categories** - Array of strings - Event categories that are associated with the offense. (Filterable. Sortable.)
- **category_count** - Number - The number of event categories that are associated with the offense. (Filterable. Sortable.)
- **policy_category_count** - Number - The number of policy event categories that are associated with the offense. (Filterable. Sortable.)
- **security_category_count** - Number - The number of security event categories that are associated with the offense. (Filterable. Sortable.)
- **close_time** - Number - The number of milliseconds since epoch when the offense was closed. (Filterable. Sortable.)
- **closing_user** - String - The user that closed the offense. (Filterable. Sortable.)
- **closing_reason_id** - Number - The ID of the offense closing reason. The reason the offense was closed. (Filterable. Sortable.)
- **credibility** - Number - The credibility of the offense. (Filterable. Sortable.)
- **relevance** - Number - The relevance of the offense. (Filterable. Sortable.)
- **severity** - Number - The severity of the offense. (Filterable. Sortable.)
- **magnitude** - Number - The magnitude of the offense. (Filterable. Sortable.)
- **destination_networks** - Array of strings - The destination networks that are associated with the offense. (Filterable.)
- **source_network** - String - The source network that is associated with the offense.
- **device_count** - Number - The number of devices that are associated with the offense. (Filterable. Sortable.)
- **event_count** - Number - The number of events that are associated with the offense. (Filterable. Sortable.)

- **flow_count** - Number - The number of flows that are associated with the offense. (Filterable. Sortable.)
- **inactive** - Boolean - True if the offense is inactive. (Filterable. Sortable.)
- **last_updated_time** - Number - The number of milliseconds since epoch when the last event contributing to the offense was seen. (Filterable. Sortable.)
- **local_destination_count** - Number - The number of local destinations that are associated with the offense. (Filterable.)
- **offense_source** - String - The source of the offense. (Sortable.)
- **offense_type** - Number - A number that represents the offense type. Use GET /siem/offense_types to retrieve the list. (Filterable. Sortable.)
- **protected** - Boolean - True if the offense is protected. (Filterable. Sortable.)
- **follow_up** - Boolean - True if the offense is marked for follow up. (Filterable. Sortable.)
- **remote_destination_count** - Number - The number of remote destinations that are associated with the offense. (Filterable. Sortable.)
- **source_count** - Number - The number of sources that are associated with the offense. (Filterable.)
- **start_time** - Number - The number of milliseconds since epoch when the offense was started. (Filterable. Sortable.)
- **status** - String - The status of the offense. One of "OPEN", "HIDDEN", or "CLOSED". (Filterable, but the following operators are not supported: <, >, <=, >=, BETWEEN. Sortable.)
- **username_count** - Number - The number of usernames that are associated with the offense. (Filterable. Sortable.)
- **source_address_ids** - Array of numbers - The source address IDs that are associated with the offense. (Filterable.)
- **local_destination_address_ids** - Array of numbers - The local destination address IDs that are associated with the offense. (Filterable.)
- **domain_id** - Number - Optional. ID of associated domain if the offense is associated with a single domain. (Filterable.)
- **last_persisted_time** - Number - The number of milliseconds since epoch when an offense field was last updated. (Filterable. Sortable.)
- **first_persisted_time** - Number - The number of milliseconds since epoch at the time when the offense was created. (Filterable. Sortable.)

- **rules** - Array - An array of rules that contributed to the offense (Filterable.):
 - **id** - Long - The id of the rule.
 - **type** - String - The type of rule. One of "ADE_RULE", "BUILDING_BLOCK_RULE", or "CRE_RULE".
- **log_sources** - Array - An array of log sources contributed to the offense (Filterable.):
 - **id** - Long - The id of the log source.
 - **name** - String - The name of the log source.
 - **type_id** - Long - The id of the log source type.
 - **type_name** - String - The name of the log source type.

Response Sample

```
[{"last_persisted_time": 42, "username_count": 42, "description": "String", "rules": [{"id": 42, "type": "String <one of: ADE_RULE, BUILDING_BLOCK_RULE, CRE_RULE>"}], "event_count": 42, "flow_count": 42, "assigned_to": "String", "security_category_count": 42, "follow_up": true, "source_address_ids": [42], "source_count": 42, "inactive": true, "protected": true, "category_count": 42, "source_network": "String", "destination_networks": ["String"], "closing_user": "String", "close_time": 42, "remote_destination_count": 42, "start_time": 42, "last_updated_time": 42, "credibility": 42, "magnitude": 42, "id": 42, "categories": ["String"], "severity": 42, "log_sources": [{"type_name": "String", "type_id": 42, "name": "String", "id": 42}], "policy_category_count": 42, "device_count": 42, "closing_reason_id": 42, "first_persisted_time": 42, "offense_type": 42, "relevance": 42, "domain_id": 42, "offense_source": "String", "local_destination_address_ids": [42], "local_destination_count": 42, "status": "String <one of: OPEN, HIDDEN, CLOSED>"}]
```

GET /siem/offenses/{offense_id}

SUMMARY

Retrieve an offense structure that describes properties of an offense

Retrieve an offense structure that describes properties of an offense

Table 1998: GET /siem/offenses/{offense_id} resource details

GET /siem/offenses/{offense_id} resource details

MIME Type
application/json

Table 1999: GET /siem/offenses/{offense_id} request parameter details

GET /siem/offenses/{offense_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
offense_id	path	Required	Number (Integer)	text/plain	Required - The offense ID.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2000: GET /siem/offenses/{offense_id} response codes

GET /siem/offenses/{offense_id} response codes

HTTP Response Code	Unique Code	Description
200		The offense was retrieved.
404	1002	No offense was found for the provided offense_id.
422	1005	A request parameter is not valid.

Table 2000: GET /siem/offenses/{offense_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred while the offense was being retrieved.

Response Description

An Offense object. An Offense object contains the following fields:

- **id** - Number - The ID of the offense.
- **description** - String - The description of the offense.
- **assigned_to** - String - The user the offense is assigned to.
- **categories** - Array of strings - Event categories that are associated with the offense.
- **category_count** - Number - The number of event categories that are associated with the offense.
- **policy_category_count** - Number - The number of policy event categories that are associated with the offense.
- **security_category_count** - Number - The number of security event categories that are associated with the offense.
- **close_time** - Number - The number of milliseconds since epoch when the offense was closed.
- **closing_user** - String - The user that closed the offense.
- **closing_reason_id** - Number - The ID of the offense closing reason. The reason the offense was closed.
- **credibility** - Number - The credibility of the offense.
- **relevance** - Number - The relevance of the offense.
- **severity** - Number - The severity of the offense.
- **magnitude** - Number - The magnitude of the offense.
- **destination_networks** - Array of strings - The destination networks that are associated with the offense.

- **source_network** - String - The source network that is associated with the offense.
- **device_count** - Number - The number of devices that are associated with the offense.
- **event_count** - Number - The number of events that are associated with the offense.
- **flow_count** - Number - The number of flows that are associated with the offense.
- **inactive** - Boolean - True if the offense is inactive.
- **last_updated_time** - Number - The number of milliseconds since epoch when the last event contributing to the offense was seen.
- **local_destination_count** - Number - The number of local destinations that are associated with the offense.
- **offense_source** - String - The source of the offense.
- **offense_type** - Number - A number that represents the offense type. Use GET /siem/offense_types to retrieve the list.
- **protected** - Boolean - True if the offense is protected.
- **follow_up** - Boolean - True if the offense is marked for follow up.
- **remote_destination_count** - Number - The number of remote destinations that are associated with the offense.
- **source_count** - Number - The number of sources that are associated with the offense.
- **start_time** - Number - The number of milliseconds since epoch when the offense was started.
- **status** - String - The status of the offense. One of "OPEN", "HIDDEN", or "CLOSED".
- **username_count** - The number of usernames that are associated with the offense.
- **source_address_ids** - Array of numbers - The source address IDs that are associated with the offense.
- **local_destination_address_ids** - Array of numbers - The local destination address IDs that are associated with the offense.
- **domain_id** - Number - Optional. ID of associated domain if the offense is associated with a single domain.
- **last_persisted_time** - Number - The number of milliseconds since epoch when an offense field was last updated.
- **first_persisted_time** - Number - The number of milliseconds since epoch at the time when the offense was created.

- **rules** - Array - An array of rules that contributed to the offense:
 - **id** - Long - The id of the rule.
 - **type** - String - The type of rule. One of "ADE_RULE", "BUILDING_BLOCK_RULE", or "CRE_RULE".
- **log_sources** - Array - An array of log sources contributed to the offense:
 - **id** - Long - The id of the log source.
 - **name** - String - The name of the log source.
 - **type_id** - Long - The id of the log source type.
 - **type_name** - String - The name of the log source type.

Response Sample

```
{
  "assigned_to": "String",
  "categories": [
    "String"
  ],
  "category_count": 42,
  "close_time": 42,
  "closing_reason_id": 42,
  "closing_user": "String",
  "credibility": 42,
  "description": "String",
  "destination_networks": [
    "String"
  ],
  "device_count": 42,
  "domain_id": 42,
  "event_count": 42,
  "first_persisted_time": 42,
  "flow_count": 42,
  "follow_up": true,
  "id": 42,
  "inactive": true,
  "last_persisted_time": 42,
  "last_updated_time": 42,
```

```
"local_destination_address_ids": [
  42
],
"local_destination_count": 42,
"log_sources": [
  {
    "id": 42,
    "name": "String",
    "type_id": 42,
    "type_name": "String"
  }
],
"magnitude": 42,
"offense_source": "String",
"offense_type": 42,
"policy_category_count": 42,
"protected": true,
"relevance": 42,
"remote_destination_count": 42,
"rules": [
  {
    "id": 42,
    "type": "String <one of: ADE_RULE, BUILDING_BLOCK_RULE, CRE_RULE>"
  }
],
"security_category_count": 42,
"severity": 42,
"source_address_ids": [
  42
],
"source_count": 42,
"source_network": "String",
"start_time": 42,
"status": "String <one of: OPEN, HIDDEN, CLOSED>",
"username_count": 42
}
```

POST /siem/offenses/{offense_id}

SUMMARY

Update an offense.

Update an offense.

Table 2001: POST /siem/offenses/{offense_id} resource details

POST /siem/offenses/{offense_id} resource details

MIME Type

application/json

Table 2002: POST /siem/offenses/{offense_id} request parameter details

POST /siem/offenses/{offense_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
offense_id	path	Required	Number (Integer)	text/plain	Required - The ID of the offense to update.
protected	query	Optional	Boolean	text/plain	Optional - Set to true to protect the offense.
follow_up	query	Optional	Boolean	text/plain	Optional - Set to true to set the follow up flag on the offense.

Table 2002: POST /siem/offenses/{offense_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
status	query	Optional	String	text/plain	Optional - The new status for the offense. Set to one of: OPEN, HIDDEN, CLOSED. When the status of an offense is being set to CLOSED, a valid closing_reason_id must be provided. To hide an offense, use the HIDDEN status. To show a previously hidden offense, use the OPEN status.
closing_reason_id	query	Optional	Number (Integer)	text/plain	Optional - The ID of a closing reason. You must provide a valid closing_reason_id when you close an offense.
assigned_to	query	Optional	String	text/plain	Optional - A user to assign the offense to.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2003: POST /siem/offenses/{offense_id} response codes

POST /siem/offenses/{offense_id} response codes

HTTP Response Code	Unique Code	Description
200		The offense was updated.

Table 2003: POST /siem/offenses/{offense_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
403	1009	User does not have the required capability to perform the action.
404	1002	No offense was found for the provided offense_id.
409	1008	Request cannot be completed due to the state of the offense.
422	1005	A request parameter is not valid.
500	1020	An error occurred while the offense was being updated.

Response Description

An updated Offense object. An Offense object contains the following fields:

- **id** - Number - The ID of the offense.
- **description** - String - The description of the offense.
- **assigned_to** - String - The user the offense is assigned to.
- **categories** - Array of strings - Event categories that are associated with the offense.
- **category_count** - Number - The number of event categories that are associated with the offense.
- **policy_category_count** - Number - The number of policy event categories that are associated with the offense.
- **security_category_count** - Number - The number of security event categories that are associated with the offense.
- **close_time** - Number - The number of milliseconds since epoch when the offense was closed.
- **closing_user** - String - The user that closed the offense.
- **closing_reason_id** - Number - The ID of the offense closing reason. The reason the offense was closed.

- **credibility** - Number - The credibility of the offense.
- **relevance** - Number - The relevance of the offense.
- **severity** - Number - The severity of the offense.
- **magnitude** - Number - The magnitude of the offense.
- **destination_networks** - Array of strings - The destination networks that are associated with the offense.
- **source_network** - String - The source network that is associated with the offense.
- **device_count** - Number - The number of devices that are associated with the offense.
- **event_count** - Number - The number of events that are associated with the offense.
- **flow_count** - Number - The number of flows that are associated with the offense.
- **inactive** - Boolean - True if the offense is inactive.
- **last_updated_time** - Number - The number of milliseconds since epoch when the last event contributing to the offense was seen.
- **local_destination_count** - Number - The number of local destinations that are associated with the offense.
- **offense_source** - String - The source of the offense.
- **offense_type** - Number - A number that represents the offense type. Use GET /siem/offense_types to retrieve the list.
- **protected** - Boolean - True if the offense is protected.
- **follow_up** - Boolean - True if the offense is marked for follow up.
- **remote_destination_count** - Number - The number of remote destinations that are associated with the offense.
- **source_count** - Number - The number of sources that are associated with the offense.
- **start_time** - Number - The number of milliseconds since epoch when the offense was started.
- **status** - String - The status of the offense. One of "OPEN", "HIDDEN", or "CLOSED".
- **username_count** - The number of usernames that are associated with the offense.
- **source_address_ids** - Array of numbers - The source address IDs that are associated with the offense.

- **local_destination_address_ids** - Array of numbers - The local destination address IDs that are associated with the offense.
- **domain_id** - Number - Optional. ID of associated domain if the offense is associated with a single domain.
- **last_persisted_time** - Number - The number of milliseconds since epoch when an offense field was last updated.
- **first_persisted_time** - Number - The number of milliseconds since epoch at the time when the offense was created.
- **rules** - Array - An array of rules that contributed to the offense:
 - **id** - Long - The id of the rule.
 - **type** - String - The type of rule. One of "ADE_RULE", "BUILDING_BLOCK_RULE", or "CRE_RULE".

Response Sample

```
{
  "assigned_to": "String",
  "categories": [
    "String"
  ],
  "category_count": 42,
  "close_time": 42,
  "closing_reason_id": 42,
  "closing_user": "String",
  "credibility": 42,
  "description": "String",
  "destination_networks": [
    "String"
  ],
  "device_count": 42,
  "domain_id": 42,
  "event_count": 42,
  "first_persisted_time": 42,
  "flow_count": 42,
  "follow_up": true,
  "id": 42,
```



```
"inactive": true,
"last_persisted_time": 42,
"last_updated_time": 42,
"local_destination_address_ids": [
  42
],
"local_destination_count": 42,
"log_sources": [
  {
    "id": 42,
    "name": "String",
    "type_id": 42,
    "type_name": "String"
  }
],
"magnitude": 42,
"offense_source": "String",
"offense_type": 42,
"policy_category_count": 42,
"protected": true,
"relevance": 42,
"remote_destination_count": 42,
"rules": [
  {
    "id": 42,
    "type": "String <one of: ADE_RULE, BUILDING_BLOCK_RULE, CRE_RULE>"
  }
],
"security_category_count": 42,
"severity": 42,
"source_address_ids": [
  42
],
"source_count": 42,
"source_network": "String",
"start_time": 42,
"status": "String <one of: OPEN, HIDDEN, CLOSED>",
"username_count": 42
}
```

GET /siem/offenses/{offense_id}/assignable_actors

SUMMARY

Retrieve assignable actors.

Retrieves the list of actors which can be assigned to the current offense.

Table 2004: GET /siem/offenses/{offense_id}/assignable_actors resource details

GET /siem/offenses/{offense_id}/assignable_actors resource details

MIME Type

application/json

Table 2005: GET /siem/offenses/{offense_id}/assignable_actors request parameter details

GET /siem/offenses/{offense_id}/assignable_actors request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
offense_id	path	Required	Number (Integer)	text/plain	Required - The offense for the provided offense ID.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 2005: GET /siem/offenses/{offense_id}/assignable_actors request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2006: GET /siem/offenses/{offense_id}/assignable_actors response codes

GET /siem/offenses/{offense_id}/assignable_actors response codes

HTTP Response Code	Unique Code	Description
200		The assignable actors for this offense were retrieved.
404	85101001	No offense was found for the provided offense_id.
422	85101030	The sort field or order is not valid.

Response Description

A collection of Assignable Actor objects. An Assignable Actor object contains the following fields:

- **user_id** - the user ID of the actor.

- **username** - the username of the actor.
- **description** - the description of the actor.

Response Sample

```
[
  {
    "description": "String",
    "user_id": 42,
    "username": "String"
  }
]
```

GET /siem/offenses/{offense_id}/notes

SUMMARY

Retrieve a list of notes for an offense.

Retrieve a list of notes for an offense.

Table 2007: GET /siem/offenses/{offense_id}/notes resource details

GET /siem/offenses/{offense_id}/notes resource details

MIME Type

application/json

Table 2008: GET /siem/offenses/{offense_id}/notes request parameter details

GET /siem/offenses/{offense_id}/notes request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
offense_id	path	Required	Number (Integer)	text/plain	Required - The offense ID to retrieve the notes for.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2009: GET /siem/offenses/{offense_id}/notes response codes

GET /siem/offenses/{offense_id}/notes response codes

HTTP Response Code	Unique Code	Description
200		The note list was retrieved.
404	1002	No offense was found for the provided offense_id.
422	1005	A request parameter is not valid.

Table 2009: GET /siem/offenses/{offense_id}/notes response codes *(Continued)*

HTTP Response Code	Unique Code	Description
500	1020	An error occurred while the note list was being retrieved.

Response Description

An array of Note objects. A Note object contains the following fields:

- **id** - Number - The ID of the note.
- **create_time** - Number - The number of milliseconds since epoch when the note was created.
- **username** - String - The user or authorized service that created the note.
- **note_text** - String - The note text.

Response Sample

```
[
  {
    "create_time": 42,
    "id": 42,
    "note_text": "String",
    "username": "String"
  }
]
```

POST /siem/offenses/{offense_id}/notes

SUMMARY

Create a note on an offense.

Create a note on an offense.

Table 2010: POST /siem/offenses/{offense_id}/notes resource details

POST /siem/offenses/{offense_id}/notes resource details

MIME Type

application/json

Table 2011: POST /siem/offenses/{offense_id}/notes request parameter details

POST /siem/offenses/{offense_id}/notes request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
offense_id	path	Required	Number (Integer)	text/plain	Required - The offense ID to add the note to.
note_text	query	Required	String	text/plain	Required - The note text.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2012: POST /siem/offenses/{offense_id}/notes response codes

POST /siem/offenses/{offense_id}/notes response codes

HTTP Response Code	Unique Code	Description
201		The note was created.
404	1002	No offense was found for the provided offense_id.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to create the note.

Response Description

The Note object that was created. A Note object contains the following fields:

- **id** - Number - The ID of the note.
- **create_time** - Number - The number of milliseconds since epoch when the note was created.
- **username** - String - The user or authorized service that created the note.
- **note_text** - String - The note text.

Response Sample

```
{
  "create_time": 42,
  "id": 42,
  "note_text": "String",
  "username": "String"
}
```


GET /siem/offenses/{offense_id}/notes/{note_id}

SUMMARY

Retrieve a note for an offense.

Retrieve a note for an offense.

Table 2013: GET /siem/offenses/{offense_id}/notes/{note_id} resource details

GET /siem/offenses/{offense_id}/notes/{note_id} resource details

MIME Type

application/json

Table 2014: GET /siem/offenses/{offense_id}/notes/{note_id} request parameter details

GET /siem/offenses/{offense_id}/notes/{note_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
offense_id	path	Required	Number (Integer)	text/plain	Required - The offense ID to retrieve the note from.
note_id	path	Required	Number (Integer)	text/plain	Required - The note ID.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2015: GET /siem/offenses/{offense_id}/notes/{note_id} response codes

GET /siem/offenses/{offense_id}/notes/{note_id} response codes

HTTP Response Code	Unique Code	Description
200		The note was retrieved.
404	1002	No offense was found for the provided offense_id.
404	1003	No note was found for the provided note_id.
422	1005	A request parameter is not valid.
500	1020	An error occurred while attempting to retrieve the note.

Response Description

The Note object for the note ID. A Note object contains the following fields:

- **id** - Number - The ID of the note.
- **create_time** - Number - The number of milliseconds since epoch when the note was created.
- **username** - String - The user or authorized service that created the note.
- **note_text** - String - The note text.

Response Sample

```
{
  "create_time": 42,
  "id": 42,
  "note_text": "String",
```

```
"username": "String"
}
```

GET /siem/source_addresses

SUMMARY

Retrieve a list offense source addresses currently in the system.

Retrieve a list offense source addresses currently in the system.

Table 2016: GET /siem/source_addresses resource details

GET /siem/source_addresses resource details

MIME Type

application/json

Table 2017: GET /siem/source_addresses request parameter details

GET /siem/source_addresses request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 2017: GET /siem/source_addresses request parameter details *(Continued)*

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2018: GET /siem/source_addresses response codes

GET /siem/source_addresses response codes

HTTP Response Code	Unique Code	Description
200		The source address list was retrieved.
422	1005	A request parameter is not valid.
422	1010	The filter parameter is not valid.
500	1020	An error occurred while the source address list was being retrieved.

Response Description

An array of source address objects. A source address object contains the following fields:

- **id** - Number - The ID of the source.
- **source_ip** - String - The IP address.
- **magnitude** - Number - The magnitude of the source address.
- **network** - String - The network of the source address.
- **offense_ids** - Array of Numbers - List of offense IDs the source is part of.
- **local_destination_address_ids** - Array of Numbers - List of local destination address IDs associated with the source address.
- **event_flow_count** - Number - The number of events and flows that are associated with the source.
- **first_event_flow_seen** - Number - The number of milliseconds since epoch when the first event or flow was seen.
- **last_event_flow_seen** - Number - The number of milliseconds since epoch when the last event or flow was seen.
- **domain_id** - Number - The ID of associated domain.

Response Sample

```
[
  {
    "domain_id": 42,
    "event_flow_count": 42,
    "first_event_flow_seen": 42,
    "id": 42,
    "last_event_flow_seen": 42,
    "local_destination_address_ids": [
      42
    ],
    "magnitude": 42,
    "network": "String",
    "offense_ids": [
```

```

    42
    ],
    "source_ip": "String"
  }
]

```

GET /siem/source_addresses/{source_address_id}

SUMMARY

Retrieve an offense source address.

Retrieve an offense source address.

Table 2019: GET /siem/source_addresses/{source_address_id} resource details

GET /siem/source_addresses/{source_address_id} resource details

MIME Type

application/json

Table 2020: GET /siem/source_addresses/{source_address_id} request parameter details

GET /siem/source_addresses/{source_address_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
source_address_id	path	Required	Number (Integer)	text/plain	Required - The ID of the source address to retrieve.

Table 2020: GET /siem/source_addresses/{source_address_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2021: GET /siem/source_addresses/{source_address_id} response codes

GET /siem/source_addresses/{source_address_id} response codes

HTTP Response Code	Unique Code	Description
200		The source address was retrieved.
404	1002	No source address was found for the provided source_address_id.
422	1005	A request parameter is not valid.
500	1020	An error occurred while the source address was being retrieved.

Response Description

A source address object. A source address object contains the following fields:

- **id** - Number - The ID of the source.
- **source_ip** - String - The IP address.
- **magnitude** - Number - The magnitude of the source address.
- **network** - String - The network of the source address.

- **offense_ids** - Array of Numbers - List of offense IDs the source is part of.
- **local_destination_address_ids** - Array of Numbers - List of local destination address IDs associated with the source address.
- **event_flow_count** - Number - The number of events and flows that are associated with the source.
- **first_event_flow_seen** - Number - The number of milliseconds since epoch when the first event or flow was seen.
- **last_event_flow_seen** - Number - The number of milliseconds since epoch when the last event or flow was seen.
- **domain_id** - Number - The ID of associated domain.

Response Sample

```
{
  "domain_id": 42,
  "event_flow_count": 42,
  "first_event_flow_seen": 42,
  "id": 42,
  "last_event_flow_seen": 42,
  "local_destination_address_ids": [
    42
  ],
  "magnitude": 42,
  "network": "String",
  "offense_ids": [
    42
  ],
  "source_ip": "String"
}
```


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CHAPTER

Staged_Config Endpoints

Staged_Config Endpoints | 2112

Staged_Config Endpoints

SUMMARY

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GET /staged_config/access/security_profiles

SUMMARY

Get the list of staged security profiles available in the system.

Get the list of staged security profiles available in the system. The staged configuration is not active until a deploy is performed. The ADMIN or SAASADMIN capabilities are required to call this endpoint.

Table 2022: GET /staged_config/access/security_profiles resource details

GET /staged_config/access/security_profiles resource details

MIME Type
application/json

Table 2023: GET /staged_config/access/security_profiles request parameter details

GET /staged_config/access/security_profiles request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
tenant_id	query	Optional	Number (Integer)	text/plain	If this parameter is provided, the endpoint will return all security profiles associated with domains that are linked to this tenant
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2023: GET /staged_config/access/security_profiles request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2024: GET /staged_config/access/security_profiles response codes

GET /staged_config/access/security_profiles response codes

HTTP Response Code	Unique Code	Description
200		The staged security profile were retrieved.
422	38340001	Tenant ID does not exist.

Response Description

An array of the staged Security profiles.

- **id** - Long - The ID of the security profile. The ID of the staged and the ID of the same deployed security profile are the same.
- **name** - String - The name of the security profile.
- **domain_ids** - Array of Integers - The list of domain ids which are assigned to the security profiles. If there is no domain assigned to the security profile, the empty list will be returned.

Response Sample

```
[
```

```

{
  "domain_ids": [
    42
  ],
  "id": 42,
  "name": "String"
}
]

```

GET /staged_config/access/security_profiles/{id}

SUMMARY

Get a staged security profile by ID.

Get a staged security profile by ID. The staged configuration is not active until a deploy is performed. The ADMIN or SAASADMIN capabilities are required to call this endpoint.

Table 2025: GET /staged_config/access/security_profiles/{id} resource details

GET /staged_config/access/security_profiles/{id} resource details

MIME Type

application/json

Table 2026: GET /staged_config/access/security_profiles/{id} request parameter details

GET /staged_config/access/security_profiles/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the staged security profile to get.

Table 2026: GET /staged_config/access/security_profiles/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2027: GET /staged_config/access/security_profiles/{id} response codes

GET /staged_config/access/security_profiles/{id} response codes

HTTP Response Code	Unique Code	Description
200		The staged security profile was retrieved.
404	38341001	The security profile id does not exist.

Response Description

A single staged Security profile.

- **id** - Long - The ID of the security profile. The ID of the staged and the ID of the same deployed security profile are the same.
- **name** - String - The name of the security profile.
- **domain_ids** - Array of Integers - The list of domain ids which are assigned to the security profiles. If there is no domain assigned to the security profile, the empty list will be returned.

Response Sample

```
{
  "domain_ids": [
    42
  ],
  "id": 42,
  "name": "String"
}
```

GET /staged_config/access/user_delete_tasks/{task_id}

SUMMARY

Retrieves the delete user task status.

Retrieves the delete user task status.

Table 2028: GET /staged_config/access/user_delete_tasks/{task_id} resource details

GET /staged_config/access/user_delete_tasks/{task_id} resource details

MIME Type

application/json

Table 2029: GET /staged_config/access/user_delete_tasks/{task_id} request parameter details

GET /staged_config/access/user_delete_tasks/{task_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
task_id	path	Required	Number (Integer)	text/plain	null
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2030: GET /staged_config/access/user_delete_tasks/{task_id} response codes

GET /staged_config/access/user_delete_tasks/{task_id} response codes

HTTP Response Code	Unique Code	Description
200		The Delete Task Status was retrieved.
404	1002	The Delete Task Status does not exist.
500	1020	An error occurred during the attempt to retrieve the Delete Task Status.

Response Description

A Delete Task Status object and the location header set to the task status url "/api/staged_config/access/user_delete_tasks/{task_id}". A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.

- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /staged_config/access/user_roles

SUMMARY

Get the list of staged user roles available in the system.

Get the list of staged user roles available in the system. The ADMIN or SAASADMIN capabilities are required to call this endpoint.

Table 2031: GET /staged_config/access/user_roles resource details

GET /staged_config/access/user_roles resource details

MIME Type
application/json

Table 2032: GET /staged_config/access/user_roles request parameter details

GET /staged_config/access/user_roles request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
contains	query	Optional	String	text/plain	null
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2033: GET /staged_config/access/user_roles response codes

GET /staged_config/access/user_roles response codes

HTTP Response Code	Unique Code	Description
200		A list of the deployed user roles.
500	1020	An unexpected error has occurred.

Response Description

Returns an array of user roles.

- **id** - Long - The ID of the user role. The ID of the staged and the ID of the same staged user are the same.
- **name** - String - The name of the user role.

Response Sample

```
[
  {
    "id": 42,
    "name": "String"
  }
]
```

GET /staged_config/access/user_roles/{id}

SUMMARY

Get a staged user role by ID.

Get a staged user role by ID. The staged configuration is not active until a deploy is performed. The ADMIN or SAASADMIN capabilities are required to call this endpoint.

Table 2034: GET /staged_config/access/user_roles/{id} resource details

GET /staged_config/access/user_roles/{id} resource details

MIME Type

application/json

Table 2035: GET /staged_config/access/user_roles/{id} request parameter details

GET /staged_config/access/user_roles/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the staged user role to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2036: GET /staged_config/access/user_roles/{id} response codes

GET /staged_config/access/user_roles/{id} response codes

HTTP Response Code	Unique Code	Description
200		The staged user role was retrieved.
404	38341001	The user role id does not exist.

Response Description

A single staged User Role.

- **id** - Long - The ID of the user role.
- **name** - String - The name of the user role.

Response Sample

```
{
  "id": 42,
  "name": "String"
}
```

GET /staged_config/access/users

SUMMARY

Retrieves a list of all staged users.

Retrieves a list of all staged users. The staged configuration is not active until a deploy is performed. Must have ADMIN or SAASADMIN capability to call this endpoint. All staged users will be returned for ADMIN capability. All staged users, except ADMIN capability users, will be returned for SAASADMIN capability.

Table 2037: GET /staged_config/access/users resource details

GET /staged_config/access/users resource details

MIME Type
application/json

Table 2038: GET /staged_config/access/users request parameter details

GET /staged_config/access/users request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2038: GET /staged_config/access/users request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2039: GET /staged_config/access/users response codes

GET /staged_config/access/users response codes

HTTP Response Code	Unique Code	Description
200		The staged users were retrieved.
422	38313001	Field in sort parameter does not exist.
422	38313002	Sorting not supported on field in sort parameter.

Response Description

Returns an array of user structures.

- **id** - Long - The ID of the user. The ID of the staged user and the ID of the same deployed user are the same. This field is read only.
- **username** - String - The username of the user. This field is read only.
- **email** - String - The email of the user.
- **description** - String - The description of the user. This field is only modifiable in the staged configuration.
- **user_role_id** - Long - The user_role_id of the user. This field is only modifiable in the staged configuration. Access staged user roles using /api/staged_config/user_roles API, and deployed user roles under /api/config/user_roles API.

- **security_profile_id** - Long - The security_profile_id of the user. This field is only modifiable in the staged configuration. Access staged security profiles using /api/staged_config/security_profiles API, and deployed user roles under /api/config/security_profiles API.
- **locale_id** - String - The locale_id of the user. Access locales using /system/information/locales API.
- **enable_popup_notifications** - Boolean - Indicates if popup system notifications are enabled for this user.
- **old_password** - String - This field will always be null when returned in a response. Required to be set to the current password when a user is changing their own system password.
- **password** - String - This field will always be null when returned in a response. Set to the new password when a user is changing their own system password.
- **password_creation_time** - Long - The time in milliseconds since epoch when the current password was created. Combined with the password_expiry_interval from the /system/authorization/password_policies API to calculate when the password expires.
- **tenant_id** - Long - The tenant_id of the current user. This field is only modifiable in the staged configuration. Access tenants using /config/access/tenant_management/tenants API.
- **allow_system_authentication_fallback** - Boolean - Allow system authentication fallback for this user when external authentication is configured. Has no effect if system authentication is configured.
- **inactivity_timeout** - Long - The inactivity timeout (in milliseconds), truncated to minutes. Set to 0 if a user should not be logged out after being inactive.

Response Sample

```
[
  {
    "allow_system_authentication_fallback": true,
    "description": "String",
    "email": "String",
    "enable_popup_notifications": true,
    "id": 42,
    "inactivity_timeout": 42,
    "locale_id": "String",
    "old_password": "String",
    "password": "String",
    "password_creation_time": 42,
```

```

    "security_profile_id": 42,
    "tenant_id": 42,
    "user_role_id": 42,
    "username": "String"
  }
]

```

POST /staged_config/access/users

SUMMARY

Create a staged user.

Create a staged user. The staged configuration are not active until a deploy is performed. Must have ADMIN or ADMINMANAGER capability to call this endpoint. Users or authorized services without the ADMINMANAGER capability can only create staged users with a user role that does not contain the ADMIN capability. Users or authorized services with the ADMINMANAGER capability can create staged users with any user role.

Table 2040: POST /staged_config/access/users resource details

POST /staged_config/access/users resource details

MIME Type

application/json

Table 2041: POST /staged_config/access/users request parameter details

POST /staged_config/access/users request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2042: POST /staged_config/access/users request body details

POST /staged_config/access/users request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>Only the username, user_role_id, security_profile_id, tenant_id, description, email, locale_id, enable_popup_notifications, allow_system_authentication_fallback, inactivity_timeout and password fields can be set when creating a staged user. All other fields are ignored.</p> <ul style="list-style-type: none"> • username - String - The username of the staged user. • email - String - The email of the staged user. • description - String - The description of the staged user. Cannot contain more than 2048 characters. • user_role_id - Long - The ID of the staged user role assigned to this staged user. User roles are accessible through the /api/staged_config/access/user_roles APIs. • security_profile_id - Long - The ID of the security profile assigned to this staged user. Security profiles are accessible through the /api/staged_config/access/security_profiles APIs. • locale_id - String - The locale of the staged user. If this locale is set, this locale 	<pre>{ "allow_system_authentication_fallback": true, "description": "String", "email": "String", "enable_popup_notifications": true, "id": 42, "inactivity_timeout": 42, "locale_id": "String", "old_password": "String", "password": "String", "password_creation_time": 42, "security_profile_id": 42, "tenant_id": 42, "user_role_id": 42, "username": "String" }</pre>

Table 2042: POST /staged_config/access/users request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>is always used for requests as the created user. If this locale is not set, the locale provided in each HTTP request is used for requests as the created user. If this locale is not set and no locale is in the request, JSA falls back to the en_US locale for requests as the created user. The list of valid locales are accessible through the /system/information/locales API.</p> <ul style="list-style-type: none"> • enable_popup_notifications - Boolean - Indicates if popup system notifications are enabled for this user. • password - String - The system password for the new staged user. Required if JSA is configured using system authentication, or allow_system_authentication_fallback is true. Do not set otherwise. If set, it must pass the password policy. • tenant_id - Long - The ID of the tenant assigned to this staged user. Tenants are accessible through the /config/access/tenant_management/tenants APIs. 	

Table 2042: POST /staged_config/access/users request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • allow_system_authentication_fallback - Boolean - Allow system authentication fallback for this user when external authentication is configured. Has no effect if system authentication is configured. • inactivity_timeout - Long - The inactivity timeout (in milliseconds), truncated to minutes. Set to 0 if a user should not be logged out after being inactive. 	

Table 2043: POST /staged_config/access/users response codes

POST /staged_config/access/users response codes

HTTP Response Code	Unique Code	Description
201		The staged user was created.
403	38302004	null
409	38302002	username already in use as a username on another user or as an authorized service name.
409	38302025	Cannot set allow_system_authentication_fallback to true when system authentication fallback is globally disabled.
422	38302021	user_role_id field cannot be set to null.
422	38302022	security_profile_id field cannot be null.

Table 2043: POST /staged_config/access/users response codes (Continued)

HTTP Response Code	Unique Code	Description
422	38302020	username must not be null.
422	38302001	username must be between 1 and 60 characters inclusive in length.
422	38302023	username must not begin or end with spaces, must not contain non-space whitespace characters, or contain any of the following characters: ' " / \
422	38302003	No user role found for the provided user_role_id.
422	38302005	No tenant found for the provided tenant_id.
422	38302006	tenant_id must be null when creating a staged user with a user role that contains the ADMIN capability.
422	38302007	No security profile found for the provided security_profile_id.
422	38302024	security_profile_id must be set to the "Admin" security profile when creating a staged user with the ADMIN capability.
422	38302009	Security profile must only contain domains with the same tenant_id as the tenant_id assigned the staged user when staged user is assigned a tenant_id.
422	38302011	description field cannot contain more than 2048 characters.
422	38302012	email field cannot be set to null.
422	38302013	email field cannot contain more than 255 characters.

Table 2043: POST /staged_config/access/users response codes (Continued)

HTTP Response Code	Unique Code	Description
422	38302014	email field must contain exactly one @ symbol, with at least one character before and after the @ symbol, and no whitespace characters.
422	38302015	locale_id is not a valid locale.
422	38302016	Required to provide password when system authentication is configured.
422	38302017	Required to provide password when allow_system_authentication_fallback is true.
422	38302018	password field cannot be set when allow_system_authentication_fallback is false and system authentication is not configured.
422	38302019	password does not adhere to the password policy.

Response Description

201 response with the new staged user structure. Location header set to the URL of the new staged user.

- **id** - Long - The ID of the user. The ID of the staged user and the ID of the same deployed user are the same. This field is read only.
- **username** - String - The username of the user. This field is read only.
- **email** - String - The email of the user.
- **description** - String - The description of the user. This field is only modifiable in the staged configuration.

- **user_role_id** - Long - The user_role_id of the user. This field is only modifiable in the staged configuration. Access staged user roles using /api/staged_config/user_roles API, and deployed user roles under /api/config/user_roles API.
- **security_profile_id** - Long - The security_profile_id of the user. This field is only modifiable in the staged configuration. Access staged security profiles using /api/staged_config/security_profiles API, and deployed user roles under /api/config/security_profiles API.
- **locale_id** - String - The locale_id of the user. Access locales using /system/information/locales API.
- **enable_popup_notifications** - Boolean - Indicates if popup system notifications are enabled for this user.
- **old_password** - String - This field will always be null when returned in a response. Required to be set to the current password when a user is changing their own system password.
- **password** - String - This field will always be null when returned in a response. Set to the new password when a user is changing their own system password.
- **password_creation_time** - Long - The time in milliseconds since epoch when the current password was created. Combined with the password_expiry_interval from the /system/authorization/password_policies API to calculate when the password expires.
- **tenant_id** - Long - The tenant_id of the current user. This field is only modifiable in the staged configuration. Access tenants using /config/access/tenant_management/tenants API.
- **allow_system_authentication_fallback** - Boolean - Allow system authentication fallback for this user when external authentication is configured. Has no effect if system authentication is configured.
- **inactivity_timeout** - Long - The inactivity timeout (in milliseconds), truncated to minutes. Set to 0 if a user should not be logged out after being inactive.

Response Sample

```
{
  "allow_system_authentication_fallback": true,
  "description": "String",
  "email": "String",
  "enable_popup_notifications": true,
  "id": 42,
  "inactivity_timeout": 42,
  "locale_id": "String",
```

```

"old_password": "String",
"password": "String",
"password_creation_time": 42,
"security_profile_id": 42,
"tenant_id": 42,
"user_role_id": 42,
"username": "String"
}

```

DELETE /staged_config/access/users/{id}

SUMMARY

Deletes a user from staging. To ensure safe deletion, dependencies are checked. This might take some time. An asynchronous task is started to do this check.

Deletes a user from staging. To ensure safe deletion, dependencies are checked. This might take some time. An asynchronous task is started to do this check.

Table 2044: DELETE /staged_config/access/users/{id} resource details

DELETE /staged_config/access/users/{id} resource details

MIME Type

application/json

Table 2045: DELETE /staged_config/access/users/{id} request parameter details

DELETE /staged_config/access/users/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null

Table 2045: DELETE /staged_config/access/users/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2046: DELETE /staged_config/access/users/{id} response codes

DELETE /staged_config/access/users/{id} response codes

HTTP Response Code	Unique Code	Description
202		The User delete command has been accepted and is in progress
403	1009	You do not have the proper capabilities to delete the User
404	1002	The User does not exist
500	1020	An error occurred while attempting to delete the User

Response Description

A Delete Task Status object and the location header set to the task status url `"/api/staged_config/access/user_delete_tasks/{task_id}"`. A Delete Task Status object contains the following fields:

- **id** - Long - The ID of the task.
- **message** - String - The localized task message.
- **status** - String - The current state of the task.

- **name** - String - The name of the task.
- **created_by** - String - The name of the user who started the task.
- **created** - Long - The time in milliseconds since epoch since the task was created.
- **started** - Long - The time in milliseconds since epoch since the task was started.
- **modified** - Long - The time in milliseconds since epoch since the task was modified.
- **completed** - Long - The time in milliseconds since epoch since the task was completed.

Response Sample

```
{
  "completed": 42,
  "created": 42,
  "created_by": "String",
  "id": 42,
  "message": "String",
  "modified": 42,
  "name": "String",
  "started": 42,
  "status": "String <one of: CANCELLED, CANCELING, CANCEL_REQUESTED, COMPLETED, CONFLICT,
  EXCEPTION, INITIALIZING, INTERRUPTED, PAUSED, PROCESSING, QUEUED, RESUMING>"
}
```

GET /staged_config/access/users/{id}

SUMMARY

Retrieves a staged user.

Retrieves a staged user. The staged configuration is not active until a deploy is performed. Must have ADMIN or SAASADMIN capability to call this endpoint. Any staged users will be returned for ADMIN capability. Any staged users, except ADMIN capability users, will be returned for SAASADMIN capability.

Table 2047: GET /staged_config/access/users/{id} resource details

GET /staged_config/access/users/{id} resource details

MIME Type
application/json

Table 2048: GET /staged_config/access/users/{id} request parameter details

GET /staged_config/access/users/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the staged user to return.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2049: GET /staged_config/access/users/{id} response codes

GET /staged_config/access/users/{id} response codes

HTTP Response Code	Unique Code	Description
200		The staged user was retrieved.
404	38301001	The staged user does not exist.

Response Description

A single user structure.

- **id** - Long - The ID of the user. The ID of the staged user and the ID of the same deployed user are the same. This field is read only.
- **username** - String - The username of the user. This field is read only.
- **email** - String - The email of the user.
- **description** - String - The description of the user. This field is only modifiable in the staged configuration.
- **user_role_id** - Long - The user_role_id of the user. This field is only modifiable in the staged configuration. Access staged user roles using `/api/staged_config/user_roles` API, and deployed user roles under `/api/config/user_roles` API.
- **security_profile_id** - Long - The security_profile_id of the user. This field is only modifiable in the staged configuration. Access staged security profiles using `/api/staged_config/security_profiles` API, and deployed user roles under `/api/config/security_profiles` API.
- **locale_id** - String - The locale_id of the user. Access locales using `/system/information/locales` API.
- **enable_popup_notifications** - Boolean - Indicates if popup system notifications are enabled for this user.
- **old_password** - String - This field will always be null when returned in a response. Required to be set to the current password when a user is changing their own system password.
- **password** - String - This field will always be null when returned in a response. Set to the new password when a user is changing their own system password.
- **password_creation_time** - Long - The time in milliseconds since epoch when the current password was created. Combined with the password_expiry_interval from the `/system/authorization/password_policies` API to calculate when the password expires.
- **tenant_id** - Long - The tenant_id of the current user. This field is only modifiable in the staged configuration. Access tenants using `/config/access/tenant_management/tenants` API.
- **allow_system_authentication_fallback** - Boolean - Allow system authentication fallback for this user when external authentication is configured. Has no effect if system authentication is configured.
- **inactivity_timeout** - Long - The inactivity timeout (in milliseconds), truncated to minutes. Set to 0 if a user should not be logged out after being inactive.

Response Sample

```
{
  "allow_system_authentication_fallback": true,
  "description": "String",
  "email": "String",
  "enable_popup_notifications": true,
  "id": 42,
  "inactivity_timeout": 42,
  "locale_id": "String",
  "old_password": "String",
  "password": "String",
  "password_creation_time": 42,
  "security_profile_id": 42,
  "tenant_id": 42,
  "user_role_id": 42,
  "username": "String"
}
```

POST /staged_config/access/users/{id}

SUMMARY

Update a staged user.

Update a staged user. Parts of the staged configuration is not active until a deploy is performed. Must have ADMIN or ADMINMANAGER capability to call this endpoint. Users or authorized services without the ADMINMANAGER capability can only update staged users with a user role that does not contain the ADMIN capability. Users or authorized services with the ADMINMANAGER capability can update staged users with any user role. No user can update user_role_id, security_profile_ID, tenant_id or allow_system_authentication_fallback for their own staged user.

Table 2050: POST /staged_config/access/users/{id} resource details

POST /staged_config/access/users/{id} resource details

MIME Type
application/json

Table 2051: POST /staged_config/access/users/{id} request parameter details

POST /staged_config/access/users/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the staged user to update.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2052: POST /staged_config/access/users/{id} request body details

POST /staged_config/access/users/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>Only user_role_id, security_profile_id, tenant_id, description, email, locale_id, enable_popup_notifications, allow_system_authentication_fallback, inactivity_timeout, old_password and password fields on the staged user are modifiable. All other fields in the body are ignored. The user_role_id, security_profile_id, tenant_id and description fields are staged fields. They are only updated on the staged user and are not active until a deploy is performed. All other fields take effect immediately and a deploy is not required.</p> <ul style="list-style-type: none"> • description - String - The description of the staged user. Cannot contain more than 2048 characters. • user_role_id - Long - The ID of the staged user role assigned to this staged user. User roles are accessible through the /api/staged_config/access/user_roles APIs. • security_profile_id - Long - The ID of the security profile assigned to this staged user. Security profiles are accessible through the /api/staged_config/access/security_profiles APIs. 	<pre>{ "allow_system_authentication_fallback": true, "description": "String", "email": "String", "enable_popup_notifications": true, "id": 42, "inactivity_timeout": 42, "locale_id": "String", "old_password": "String", "password": "String", "password_creation_time": 42, "security_profile_id": 42, "tenant_id": 42, "user_role_id": 42, "username": "String" }</pre>

Table 2052: POST /staged_config/access/users/{id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • tenant_id - Long - The ID of the tenant assigned to this staged user. Tenants are accessible through the /config/access/tenant_management/tenants APIs. • email - String - The email address of the user. • locale_id - String - The locale of the user. If this locale is set, this locale is always used for requests as the user. If this locale is not set, the locale provided in each HTTP request is used for requests as the user. If this locale is not set and no locale is in the request, JSA falls back to the en_US locale for requests as the user. The list of valid locales are accessible through the /system/information/locales API. • enable_popup_notifications - Boolean - Indicates if popup system notifications are enabled for this user. • old_password - String - The current password for the user. Required when a user is changing the password for their own user. Must not be set 	

Table 2052: POST /staged_config/access/users/{id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>when changing the password of a user that is not the caller's own user.</p> <ul style="list-style-type: none"> • password - String - The new password for the user. If set, it must pass the password policy. Can only be set if JSA is configured using system authentication or the user has the ADMIN capability. • allow_system_authentication_fallback - Boolean - Allow system authentication fallback for this user when external authentication is configured. Has no effect if system authentication is configured. • inactivity_timeout - Long - The inactivity timeout (in milliseconds), truncated to minutes. Set to 0 if a user should not be logged out after being inactive. 	

Table 2053: POST /staged_config/access/users/{id} response codes

POST /staged_config/access/users/{id} response codes

HTTP Response Code	Unique Code	Description
200		The staged user was updated.

Table 2053: POST /staged_config/access/users/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
403	38303002	Users are forbidden to update their own user_role_id, security_profile_id, tenant_id, inactivity_timeout or allow_system_authentication_fallback.
403	38303004	ADMINMANAGER capability required to update a staged user with a user role that contains the ADMIN capability.
403	38303005	ADMINMANAGER capability required to assign a user role that contains the ADMIN capability to a staged user.
404	38303001	The staged user does not exist.
409	38303021	Cannot set allow_system_authentication_fallback to true when system authentication fallback is globally disabled.
422	38303013	old_password must be set when changing the caller's password.
422	38303014	old_password must not be set when changing a user password that is not the caller's user.
422	38303015	old_password does not match the user's password.
422	38303016	email field cannot contain more than 255 characters.
422	38303017	email field must contain exactly one @ symbol, with at least one character before and after the @ symbol, and no whitespace characters.
422	38303018	locale_id is not a valid locale.
422	38303003	No user role found for the provided user_role_id.
422	38303006	No tenant found for the provided tenant_id.

Table 2053: POST /staged_config/access/users/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	38303007	tenant_id must be null when updating a staged user with a user role that contains the ADMIN capability.
422	38303008	No security profile found for the provided security_profile_id.
422	38303012	security_profile_id must be set to the "Admin" security profile when updating a staged user with the ADMIN capability.
422	38303010	Security profile must only contain domains with the same tenant_id as the tenant_id assigned the staged user when staged user is assigned a tenant_id.
422	38303011	Description must contain no more than 2048 characters.
422	38303019	password field cannot be set when allow_system_authentication_fallback is false and system authentication is not configured.
422	38303020	password does not adhere to the password policy.

Response Description

The updated staged user structure.

- **id** - Long - The ID of the user. The ID of the staged user and the ID of the same deployed user are the same. This field is read only.
- **username** - String - The username of the user. This field is read only.
- **email** - String - The email of the user.
- **description** - String - The description of the user. This field is only modifiable in the staged configuration.

- **user_role_id** - Long - The user_role_id of the user. This field is only modifiable in the staged configuration. Access staged user roles using /api/staged_config/user_roles API, and deployed user roles under /api/config/user_roles API.
- **security_profile_id** - Long - The security_profile_id of the user. This field is only modifiable in the staged configuration. Access staged security profiles using /api/staged_config/security_profiles API, and deployed user roles under /api/config/security_profiles API.
- **locale_id** - String - The locale_id of the user. Access locales using /system/information/locales API.
- **enable_popup_notifications** - Boolean - Indicates if popup system notifications are enabled for this user.
- **old_password** - String - This field will always be null when returned in a response. Required to be set to the current password when a user is changing their own system password. This field is not required to be set when the user currently does not have a system password and they are setting it for the first time.
- **password** - String - This field will always be null when returned in a response. Set to the new password when a user is changing their own system password.
- **password_creation_time** - Long - The time in milliseconds since epoch when the current password was created. Combined with the password_expiry_interval from the /system/authorization/password_policies API to calculate when the password expires.
- **tenant_id** - Long - The tenant_id of the current user. This field is only modifiable in the staged configuration. Access tenants using /config/access/tenant_management/tenants API.
- **allow_system_authentication_fallback** - Boolean - Allow system authentication fallback for this user when external authentication is configured. Has no effect if system authentication is configured.
- **inactivity_timeout** - Long - The inactivity timeout (in milliseconds), truncated to minutes. Set to 0 if a user should not be logged out after being inactive.

Response Sample

```
{
  "allow_system_authentication_fallback": true,
  "description": "String",
  "email": "String",
  "enable_popup_notifications": true,
  "id": 42,
```

```

    "inactivity_timeout": 42,
    "locale_id": "String",
    "old_password": "String",
    "password": "String",
    "password_creation_time": 42,
    "security_profile_id": 42,
    "tenant_id": 42,
    "user_role_id": 42,
    "username": "String"
  }

```

GET /staged_config/backup_and_restore/ scheduled_backup_configurations

SUMMARY

Retrieves a list of the Staged Backup Configurations.

Retrieves a list of the Staged Backup Configurations.

Table 2054: GET /staged_config/backup_and_restore/scheduled_backup_configurations resource details

GET /staged_config/backup_and_restore/scheduled_backup_configurations resource details

MIME Type

application/json

Table 2055: GET /staged_config/backup_and_restore/scheduled_backup_configurations request parameter details

GET /staged_config/backup_and_restore/scheduled_backup_configurations request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2056: GET /staged_config/backup_and_restore/scheduled_backup_configurations response codes

GET /staged_config/backup_and_restore/scheduled_backup_configurations response codes

HTTP Response Code	Unique Code	Description
200		The list of Backup Configurations was retrieved.
500	1000	An error occurred during the attempt to retrieve the list of Staged Backup Configurations.

Response Description

A list of Configuration objects containing the following fields:

- **configuration_id** - Long - The ID for the backup configuration.
- **backup_directory_path** - String - The file path for the backup archives folder. The default location is /store/backup. This path must exist before the backup process is initiated. If this path does not exist, the backup process aborts.
- **backup_retention_period** - Long - The backup retention period in milliseconds. This value will only have a granularity of days, and will be truncated.
- **data_backup_host_configuration** - Array[DataBackupHostConfiguration] - The hosts in the deployment that are configured for data backup. Each host can be configured to enable data backups for events, flows or both. The information for each host is as follows: host_id: The Id for the host.

event_data_backup_enabled: Indicates whether event data backup is enabled for this host.

flow_data_backup_enabled: Indicates whether flow data backup is enabled for this host.

- **configuration_backup_enabled** - Boolean - Indicates whether configuration backups are enabled. Setting this field false will keep the deployment configuration from being backed up.
- **data_backup_priority** - Enum - The priority (LOW, MEDIUM, HIGH) for the data backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup.
- **configuration_backup_priority** - Enum - The priority (LOW, MEDIUM, HIGH) for the config backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup.
- **data_backup_time_limit** - Long - The time limit for the data backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using $\text{milliseconds} = \text{minutes} / 60000$.
- **configuration_backup_time_limit** - Long - The time limit for the configuration backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using $\text{milliseconds} = \text{minutes} / 60000$.

Response Sample

```
[
  {
    "backup_directory_path": "String",
    "backup_retention_period": 42,
    "configuration_backup_enabled": true,
    "configuration_backup_priority": "String <one of: LOW, MEDIUM, HIGH>",
    "configuration_backup_time_limit": 42,
    "configuration_id": 42,
    "data_backup_host_configuration": [
      {
        "event_data_backup_enabled": true,
        "flow_data_backup_enabled": true,
        "host_id": 42
      }
    ],
    "data_backup_priority": "String <one of: LOW, MEDIUM, HIGH>",
    "data_backup_time_limit": 42
  }
]
```

```
}
]
```

GET /staged_config/backup_and_restore/scheduled_backup_configurations/{id}

SUMMARY

Retrieves a Staged Backup Configuration by ID.

Retrieves a Staged Backup Configuration by ID.

Table 2057: GET /staged_config/backup_and_restore/scheduled_backup_configurations/{id} resource details

GET /staged_config/backup_and_restore/scheduled_backup_configurations/{id} resource details

MIME Type

application/json

Table 2058: GET /staged_config/backup_and_restore/scheduled_backup_configurations/{id} request parameter details

GET /staged_config/backup_and_restore/scheduled_backup_configurations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID for the Staged Backup Configuration to get.

Table 2058: GET /staged_config/backup_and_restore/scheduled_backup_configurations/{id} request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2059: GET /staged_config/backup_and_restore/scheduled_backup_configurations/{id} response codes

GET /staged_config/backup_and_restore/scheduled_backup_configurations/{id} response codes

HTTP Response Code	Unique Code	Description
200		A Backup Configuration was retrieved.
404	1001	The Resource that was requested by the provided id does not exist.
500	1000	An error occurred during the attempt to retrieve the Backup Configuration.

Response Description

The Configuration object containing the following fields:

- **configuration_id** - Long - The ID for the backup configuration.
- **backup_directory_path** - String - The file path for the backup archives folder. The default location is /store/backup. This path must exist before the backup process is initiated. If this path does not exist, the backup process aborts.

- **backup_retention_period** - Long - The backup retention period in milliseconds. This value will only have a granularity of days, and will be truncated.
- **data_backup_host_configuration** - Array[DataBackupHostConfiguration] - The hosts in the deployment that are configured for data backup. Each host can be configured to enable data backups for events, flows or both. The information for each host is as follows: host_id: The Id for the host. event_data_backup_enabled: Indicates whether event data backup is enabled for this host. flow_data_backup_enabled: Indicates whether flow data backup is enabled for this host.
- **configuration_backup_enabled** - Boolean - Indicates whether configuration backups are enabled. Setting this field false will keep the deployment configuration from being backed up.
- **data_backup_priority** - Enum - The priority (LOW, MEDIUM, HIGH) for the data backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup.
- **configuration_backup_priority** - Enum - The priority (LOW, MEDIUM, HIGH) for the config backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup.
- **data_backup_time_limit** - Long - The time limit for the data backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using $\text{milliseconds} = \text{minutes} / 60000$.
- **configuration_backup_time_limit** - Long - The time limit for the configuration backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using $\text{milliseconds} = \text{minutes} / 60000$.

Response Sample

```
{
  "backup_directory_path": "String",
  "backup_retention_period": 42,
  "configuration_backup_enabled": true,
  "configuration_backup_priority": "String <one of: LOW, MEDIUM, HIGH>",
  "configuration_backup_time_limit": 42,
  "configuration_id": 42,
  "data_backup_host_configuration": [
    {
      "event_data_backup_enabled": true,
      "flow_data_backup_enabled": true,

```

```

        "host_id": 42
      }
    ],
    "data_backup_priority": "String <one of: LOW, MEDIUM, HIGH>",
    "data_backup_time_limit": 42
  }

```

POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id}

SUMMARY

Updates a Staged Backup Configuration.

Update a Staged Backup Configuration.

Table 2060: POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} resource details

POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} resource details

MIME Type

application/json

Table 2061: POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} request parameter details

POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID for the Staged Backup Configuration to be updated.

Table 2061: POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2062: POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} request body details

POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
backupConfiguration	Object	application/json	<p>Required. A single Backup Configuration object that has the following modifiable fields:</p> <ul style="list-style-type: none"> backup_directory_path - String - The file path for the backup archives folder. The default location is /store/backup. This path must exist before the backup process is initiated. If this path does not exist, the backup process aborts. backup_retention_period - Long - The backup retention period in milliseconds. This value will only have a granularity of days, and will be truncated. data_backup_host_configuration - Array[DataBackupHostConfiguration] - The hosts in the deployment that are configured for data backup. Each host can be configured to enable data backups for events, flows or both. The information for each host is as follows: <ul style="list-style-type: none"> host_id: The Id for the host. event_data_backup_enabled: Indicates whether event data backup is enabled for this host. flow_data_backup_enabled: Indicates whether flow 	<pre>{ "data_backup_host_configuration": [{ "flow_data_backup_enabled": true, "host_id": 53, "event_data_backup_enabled": true }, { "flow_data_backup_enabled": false, "host_id": 103, "event_data_backup_enabled": true }], "data_backup_time_limit": 71160000, "data_backup_priority": "LOW", "configuration_backup_time_limit": 10800000, "backup_retention_period": 604800000, "configuration_id": 1, "configuration_backup_priority": "HIGH", "backup_directory_path": "/store/backup", "configuration_backup_enabled": true }</pre>

Table 2062: POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>data backup is enabled for this host.</p> <ul style="list-style-type: none"> configuration_backup_enabled - Boolean - Indicates whether configuration backups are enabled. Setting this field false will keep the deployment configuration from being backed up. data_backup_priority - Enum - The priority (LOW, MEDIUM, HIGH) for the data backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup. configuration_backup_priority - Enum - The priority (LOW, MEDIUM, HIGH) for the config backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup. data_backup_time_limit - Long - The time limit for the data backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using 	

Table 2062: POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>milliseconds = minutes / 60000.</p> <ul style="list-style-type: none"> configuration_backup_time_limit - Long - The time limit for the configuration backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using milliseconds = minutes / 60000. <p>Any other set fields will be ignored.</p>	

Table 2063: POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} response codes

POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} response codes

HTTP Response Code	Unique Code	Description
200		A Backup Configuration was updated.
404	1001	The Resource that requested by provided id does not exist.
422	1002	A request parameter is not valid.
422	1003	The 'backup_directory_path' does not exist. The default location is /store/backup.
422	1004	The 'backup_directory_path' is not in a valid format. The 'backup_directory_path' must be an absolute path to the directory, the default location is /store/backup.

Table 2063: POST /staged_config/backup_and_restore/scheduled_backup_configurations/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1005	The 'backup_directory_path' is not a valid directory. The default location is /store/backup.
422	1006	The 'backup_retention_period' request parameter is not valid.
422	1007	The 'data_backup_time_limit' or 'config_backup_time_limit' parameter is not valid.
422	1008	The 'data_backup_time_limit' and 'config_backup_time_limit' parameters combine to a value that exceeds the limit.
422	1009	The requested Host was not activated.
422	1010	The requested host does not have data component.
500	1000	An error occurred during the attempt to update the Backup Configuration.

Response Description

The Configuration object containing the following fields:

- **configuration_id** - Long - The ID for the backup configuration.
- **backup_directory_path** - String - The file path for the backup archives folder. The default location is /store/backup. This path must exist before the backup process is initiated. If this path does not exist, the backup process aborts.
- **backup_retention_period** - Long - The backup retention period in milliseconds. This value will only have a granularity of days, and will be truncated.
- **data_backup_host_configuration** - Array[DataBackupHostConfiguration] - The hosts in the deployment that are configured for data backup. Each host can be configured to enable data backups

for events, flows or both. The information for each host is as follows: `host_id`: The Id for the host.
`event_data_backup_enabled`: Indicates whether event data backup is enabled for this host.
`flow_data_backup_enabled`: Indicates whether flow data backup is enabled for this host.

- **configuration_backup_enabled** - Boolean - Indicates whether configuration backups are enabled. Setting this field false will keep the deployment configuration from being backed up.
- **data_backup_priority** - Enum - The priority (LOW, MEDIUM, HIGH) for the data backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup.
- **configuration_backup_priority** - Enum - The priority (LOW, MEDIUM, HIGH) for the config backup process. Medium and high priorities have a greater negative effect on the performance of the server that is running the backup.
- **data_backup_time_limit** - Long - The time limit for the data backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using $\text{milliseconds} = \text{minutes} / 60000$.
- **configuration_backup_time_limit** - Long - The time limit for the configuration backup process. The value that you enter is converted to minutes. Minutes are converted to milliseconds by using $\text{milliseconds} = \text{minutes} / 60000$.

Response Sample

```
{
  "backup_directory_path": "String",
  "backup_retention_period": 42,
  "configuration_backup_enabled": true,
  "configuration_backup_priority": "String <one of: LOW, MEDIUM, HIGH>",
  "configuration_backup_time_limit": 42,
  "configuration_id": 42,
  "data_backup_host_configuration": [
    {
      "event_data_backup_enabled": true,
      "flow_data_backup_enabled": true,
      "host_id": 42
    }
  ],
  "data_backup_priority": "String <one of: LOW, MEDIUM, HIGH>",
```

```
"data_backup_time_limit": 42
}
```

GET /staged_config/certificates/certificate_signing_request

SUMMARY

List of Certificate Signing Request (CSR) metadata that is stored in the *certificate_signing_request* database table.

Get a list of the Certificate Signing Requests (CSR) meta records.

You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2064: GET /staged_config/certificates/certificate_signing_request resource details

GET /staged_config/certificates/certificate_signing_request resource details

MIME Type

application/json

Table 2065: GET /staged_config/certificates/certificate_signing_request request parameter details

GET /staged_config/certificates/certificate_signing_request request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2065: GET /staged_config/certificates/certificate_signing_request request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 2066: GET /staged_config/certificates/certificate_signing_request response codes

GET /staged_config/certificates/certificate_signing_request response codes

HTTP Response Code	Unique Code	Description
200		An array of the Certificate Signing Request (CSR) meta resources.
422	1020	null
422	1101	null

Response Description

A JSON object that lists the Certificate Signing Request JSON objects.

Response Sample

```
[
  {
    "create_time": 42,
    "description": "String",
    "id": 42
```

```
}  
]
```

POST /staged_config/certificates/certificate_signing_request

SUMMARY

Creates a new Certificate Signing Request (CSR) file. A private key is generated and used to create the CSR file. The private key is kept secure on the Console. Use the GET call to download the CSR file. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2067: POST /staged_config/certificates/certificate_signing_request resource details

POST /staged_config/certificates/certificate_signing_request resource details

MIME Type

text/plain

Table 2068: POST /staged_config/certificates/certificate_signing_request request body details

POST /staged_config/certificates/certificate_signing_request request body details

Parameter	Data Type	MIME Type	Description	Sample
CSRModel	Object	application/ json	<p>The new certificate resource object. This JSON object contains the following parameters:</p> <ul style="list-style-type: none"> • key_size - Private key length, in bits. The default is 2048. • description - Description of the Certificate Signing Request (CSR). • purpose - (Required) Indicates the intended use of the certificate that is generated from this CSR. <ul style="list-style-type: none"> To use the certificate as a server certificate, type "SERVER". To use it as a client certificate, type "CLIENT". To use it as both a server and client certificate, type "SERVER_CLIENT". To use it for encrypting data only, type "SIGNING_ENCRYPTION". • country_name - C- Two-letter code for the country where the organization is located. • state_province - ST- The state or region where the organization is located. • locality - L- The city where the organization is located. 	<pre>{ "common_name": "String", "country_name": "String", "description": "String", "dns": ["String"], "domain_component": "String", "emails": ["String"], "id": 42, "ip_addresses": ["String"], "key_size": 42, "locality": "String", "organization_name": "String", "organizational_unit": "String", "purpose": "String", "state_province": "String", "street_address": "String", "uri_list": ["String"], "user_id": "String" }</pre>

Table 2068: POST /staged_config/certificates/certificate_signing_request request body details
(Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • organization_name - O- The legal name of the organization. • organizational_unit - OU- The division of the organization that is handling the certificate. • common_name -(Required) CN- The fully qualified domain name of the resource that the certificate will protect. • street_address - STREET- Street address of the requester. • domain_component - DC- The domain component. • user_id - UID- The user ID of the requester. • dns - Subject Alternative Name - DNS extension list. • ip_addresses - Subject Alternative Name - IP Addresses extension list. • emails - Subject Alternative Name - Email addresses extension list. • uri_list - Subject Alternative Name - URIs extension list. 	

Table 2069: POST /staged_config/certificates/certificate_signing_request response codes

POST /staged_config/certificates/certificate_signing_request response codes

HTTP Response Code	Unique Code	Description
201		The Certificate Signing Request (CSR) was created successfully.
422	1032	null
422	1033	null
422	1034	null
422	1035	null
422	1036	null
422	1037	null
422	1038	null
422	1039	null
422	1040	null
422	1041	null
422	1042	null
500	1020	null
500	1030	null

Response Description

The location header of the newly created resource.

- **id** - Uniquely identifies the Certificate Signing Request (CSR).

Response Sample

```
42
```

DELETE /staged_config/certificates/certificate_signing_request/{id}

SUMMARY

Deletes the Certificate Signing Request (CSR) resource.

Removes the generated Certificate Signing Request (CSR) resource.

You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2070: DELETE /staged_config/certificates/certificate_signing_request/{id} resource details

DELETE /staged_config/certificates/certificate_signing_request/{id} resource details

MIME Type

text/plain

Table 2071: DELETE /staged_config/certificates/certificate_signing_request/{id} request parameter details

DELETE /staged_config/certificates/certificate_signing_request/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the Certificate Signing Request (CSR) to delete.

Table 2072: DELETE /staged_config/certificates/certificate_signing_request/{id} response codes

DELETE /staged_config/certificates/certificate_signing_request/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log file has been successfully returned.
404	1002	No Certificate Signing Request (CSR) file was found with the specified ID.

Response Description

204 Successful deletion request.

Response Sample

GET /staged_config/certificates/certificate_signing_request/{id}

SUMMARY

Download the generated Certificate Signing Request (CSR) file.

Downloads the generated Certificate Signing Request (CSR) file.

You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2073: GET /staged_config/certificates/certificate_signing_request/{id} resource details

GET /staged_config/certificates/certificate_signing_request/{id} resource details

MIME Type

application/octet-stream

Table 2074: GET /staged_config/certificates/certificate_signing_request/{id} request parameter details

GET /staged_config/certificates/certificate_signing_request/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	(Required) - ID of the Certificate Signing Request (CSR).

Table 2075: GET /staged_config/certificates/certificate_signing_request/{id} response codes

GET /staged_config/certificates/certificate_signing_request/{id} response codes

HTTP Response Code	Unique Code	Description
200		The log file has been successfully returned.
404	1002	No Certificate Signing Request (CSR) file was found with the specified ID.

Response Description

A base64 encoded Certificate Signing Request file.

Response Sample

GET /staged_config/certificates/end_certificates

SUMMARY

Gets the list of uploaded certificates from the staged area. You must have System Administrator, Security Administrator, Manage Log Sources, or WinCollect permissions to use this endpoint.

Table 2076: GET /staged_config/certificates/end_certificates resource details

GET /staged_config/certificates/end_certificates resource details

MIME Type
application/json

Table 2077: GET /staged_config/certificates/end_certificates request parameter details

GET /staged_config/certificates/end_certificates request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2078: GET /staged_config/certificates/end_certificates response codes

GET /staged_config/certificates/end_certificates response codes

HTTP Response Code	Unique Code	Description
200		An array of the certificate resources.
422	1020	null
422	1101	null
500	2035	null

Response Description

A list of deployed and staged end certificate resources. The list is filtered based on the user permissions. Users with System Administrator or Security Administrator permissions can see all certificates that are in the system. Other administrative users can see the certificates that are mapped to the component for which they have permissions. For example, users who have the Log Source Manage permission can see only the certificates that apply to the Log Source component.

Non-administrative users see only the certificate name and ID. All other fields appear as 'null'.

A certificate object has the following format:

- **id** - The certificate resource ID.
- **name** - A unique name that identifies the certificate.
- **purpose** - The intended use of the certificate.
- **subject** - Returns the Subject of the certificate.
- **issuer** - Returns the Issuer of the certificate.
- **expiry** - Returns the "Validity Not After" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **password** - Returns the password that is used to encrypt the private key. This value is always null in the response.
- **component_id** - Returns the assigned component ID of the certificate.
- **validation** - Returns the code to indicate whether the certificate is valid. If not, it returns the reason that the certificate is not valid.
 - -1 - The certificate has not been validated.
 - 0 - The certificate is valid or has not been checked.
 - 2001 - Error parsing a certificate.
 - 2002 - Error decoding a certificate.
 - 2003 - The certificate is expired.
 - 2004 - The certificate is not yet valid.
 - 2005 - The certificate is revoked.
 - 2010 - Unexpected error occurred when processing a certificate.
 - 2011 - Error finding the issuer certificates.

- 2012 - The certificate's key usage or extended key usage does not match its purpose.
- 2013 - Error validating the full chain of the certificate.
- 2014 - The certificate is an invalid self-signed certificate.
- 2020 - The CRL is invalid.
- 2030 - Unexpected error when processing the CRL.
- 2031 - Error finding the issuer certificates for the CRL.
- 2032 - The issuer does not have the CRL sign usage.
- 2033 - Error validating the CRL.
- 2034 - The CRL is expired.

Response Sample

```
[
  {
    "ca_chain_file": "String",
    "cert_file": "String",
    "component_id": 42,
    "component_name": "String",
    "csrId": 42,
    "expiry": 42,
    "id": 42,
    "issuer": [
      {
        "field_name": "String",
        "value": "String"
      }
    ],
    "key_file": "String",
    "key_password": "String",
    "name": "String",
    "purpose": "String",
    "status": "String",
    "subject": [
      {
```

```

        "field_name": "String",
        "value": "String"
    }
],
"validation": 42
}
]

```

POST /staged_config/certificates/end_certificates

SUMMARY

Use this endpoint to create a new certificate resource on the Console. This endpoint creates a keystore file that contains the supplied security objects. You must have System Administrator or Security Administrator permissions to use this endpoint. An administrator must deploy the configuration change.

Table 2079: POST /staged_config/certificates/end_certificates resource details

POST /staged_config/certificates/end_certificates resource details

MIME Type

application/json

Table 2080: POST /staged_config/certificates/end_certificates request parameter details

POST /staged_config/certificates/end_certificates request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2081: POST /staged_config/certificates/end_certificates request body details

POST /staged_config/certificates/end_certificates request body details

Parameter	Data Type	MIME Type	Description	Sample
CertificateDT O	Object	application/ json	<p>The new certificate resource object. This JSON object contains the following parameters:</p> <ul style="list-style-type: none"> • name - A unique name to associate to this certificate. • purpose - Indicates the intended use of the certificate. • component_id - (Optional) Associates the certificate to a pre-registered component ID. <p>When a component is assigned, the certificate can be used only with that component.</p> <p>To view the list of registered components, use the <i>GET /api/config/certificates/components</i> endpoint.</p> <p>If you do not want to associate the certificate to a component, set the <i>component_id</i> to 0 or leave it empty. Only System Administrators or Security Administrators can view certificates that do not have a component ID.</p> <p>To assign a component ID later, use the <i>POST /api/staged_config/certificates/</i></p>	<pre>{ "ca_chain_file": "String", "cert_file": "String", "component_id": 42, "component_name": "String", "csr_id": 42, "expiry": 42, "id": 42, "issuer": [{ "field_name": "String", "value": "String" }], "key_file": "String", "key_password": "String", "name": "String", "purpose": "String", "status": "String", "subject": [{ "field_name": "String", "value": "String" }], "validation": 42 }</pre>

Table 2081: POST /staged_config/certificates/end_certificates request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>end_certificates/{id} endpoint.</p> <ul style="list-style-type: none"> key_file - The contents of the private key. This file is PEM-encoded and in the PKCS#8 format. This parameter can not be used in combination with the <code>csr_id</code> parameter. The <code>csr_id</code> must not be defined if the <code>key_file</code> parameter is used. Note: Only RSA generated private keys are supported. key_password - (Optional) The password that is used to decrypt the private key (<code>key_file</code>). csr_id - (Optional) Use <code>csr_id</code> for an existing CSR Resource when the certificate chain is being supplied by a Certificate Signing Request(CSR) that is initiated in Console. This parameter can not be used in combination with <code>key_file</code>. If <code>csr_id</code> is used, the <code>key_file</code> parameter must not be defined. If both <code>key_file</code> and <code>csr_id</code> are undefined, a lookup into the CSR's pending private keys is performed 	

Table 2081: POST /staged_config/certificates/end_certificates request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>to find a matching private key.</p> <ul style="list-style-type: none"> ca_chain_file - (Optional) The intermediate certificate file. This file must be PEM-encoded. Note: To use multiple intermediate certificates, consolidate all intermediate chain certificates into one string, and separate the certificates with a new line (carriage return). The order of the certificate hierarchy is important. Each intermediate certificate must be listed in the child certificate authority first, and the issuer must come after it. cert_file - The end certificate file. This file must be PEM-encoded. 	

Table 2082: POST /staged_config/certificates/end_certificates response codes

POST /staged_config/certificates/end_certificates response codes

HTTP Response Code	Unique Code	Description
201		The certificate was created successfully.
409	1102	null
422	1005	null

Table 2082: POST /staged_config/certificates/end_certificates response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1006	null
422	1007	null
422	1008	null
422	2001	Error parsing a certificate
422	2002	Error parsing a certificate
422	2003	The certificate is expired
422	2004	The certificate is not yet valid
422	2005	The certificate is revoked
422	2010	Unexpected error occurred when processing a certificate
422	2011	Error finding issuer certificates
422	2012	The certificate's key usage or extended key usage does not match to its purpose
422	2013	Error validating the full chain of the certificate
422	2014	The certificate is an invalid self-signed certificate
422	2020	The CRL is invalid
422	2030	Unexpected error when processing CRL

Table 2082: POST /staged_config/certificates/end_certificates response codes (*Continued*)

HTTP Response Code	Unique Code	Description
422	2031	Error finding the issuer certificates for the CRL
422	2032	The issuer does not has CRL sign usage
422	2033	Error validating the CRL
422	2034	The CRL is expired
500	1020	null
500	2035	null

Response Description

The location header of the newly created resource. The certificate resource contains the following fields:

- **id** - Uniquely identifies the certificate.
- **csr_id** - Returns a null value to ensure that the data is hidden.
- **name** - A unique name that identifies the certificate.
- **purpose** - The intended use of the certificate.
- **component_id** Returns the assigned component ID of the certificate.
- **component_name** Returns the assigned component name of the certificate.
- **subject** - Returns the Subject of the certificate.
- **issuer** - Returns the Issuer of the certificate.
- **expiry** - Returns the "Validity Not After" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **key_file** - Returns a null value to ensure that the data is hidden.

- **key_password** - Returns a null value to ensure that the data is hidden.
- **ca_chain_file** - Returns a null value to ensure that the data is hidden.
- **cert_file** - Returns a null value to ensure that the data is hidden.
- **validation** - Returns the code to indicate whether the certificate is valid. If not, it returns the reason that the certificate is not valid.
 - -1 - The certificate has not been validated.
 - 0 - The certificate is valid or has not been checked.
 - 2001 - Error parsing a certificate.
 - 2002 - Error decoding a certificate.
 - 2003 - The certificate is expired.
 - 2004 - The certificate is not yet valid.
 - 2005 - The certificate is revoked.
 - 2010 - An unexpected error occurred when processing a certificate.
 - 2011 - Error finding the issuer certificates.
 - 2012 - The certificate's key usage or extended key usage does not match its purpose.
 - 2013 - Error validating the full chain of the certificate.
 - 2014 - The certificate is an invalid self-signed certificate.
 - 2020 - The CRL is invalid.
 - 2030 - Unexpected error when processing the CRL.
 - 2031 - Error finding the issuer certificates for the CRL.
 - 2032 - The issuer does not have the CRL sign usage.
 - 2033 - Error validating the CRL.
 - 2034 - The CRL is expired.

Response Sample

```
{
  "ca_chain_file": "String",
  "cert_file": "String",
  "component_id": 42,
  "component_name": "String",
  "csr_id": 42,
  "expiry": 42,
  "id": 42,
  "issuer": [
    {
      "field_name": "String",
      "value": "String"
    }
  ],
  "key_file": "String",
  "key_password": "String",
  "name": "String",
  "purpose": "String",
  "status": "String",
  "subject": [
    {
      "field_name": "String",
      "value": "String"
    }
  ],
  "validation": 42
}
```

DELETE /staged_config/certificates/end_certificates/{id}

SUMMARY

Marks the certificate for deletion, but doesn't immediately remove it. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2083: DELETE /staged_config/certificates/end_certificates/{id} resource details

DELETE /staged_config/certificates/end_certificates/{id} resource details

MIME Type
text/plain

Table 2084: DELETE /staged_config/certificates/end_certificates/{id} request parameter details

DELETE /staged_config/certificates/end_certificates/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the certificate to delete.

Table 2085: DELETE /staged_config/certificates/end_certificates/{id} response codes

DELETE /staged_config/certificates/end_certificates/{id} response codes

HTTP Response Code	Unique Code	Description
204		Successful deletion request.
404	1002	No certificate resource exists with this ID.
500	1020	null

Response Description

Empty response with 204 successful response code.

Response Sample

GET /staged_config/certificates/end_certificates/{id}

SUMMARY

Gets information about a specific certificate, as specified by the certificate ID. You must have System Administrator, Security Administrator, Manage Log Sources, or WinCollect permissions to use this endpoint.

Table 2086: GET /staged_config/certificates/end_certificates/{id} resource details

GET /staged_config/certificates/end_certificates/{id} resource details

MIME Type

application/json

Table 2087: GET /staged_config/certificates/end_certificates/{id} request parameter details

GET /staged_config/certificates/end_certificates/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID of the certificate that you want more information about.

Table 2087: GET /staged_config/certificates/end_certificates/{id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2088: GET /staged_config/certificates/end_certificates/{id} response codes

GET /staged_config/certificates/end_certificates/{id} response codes

HTTP Response Code	Unique Code	Description
404	1002	No certificate exists with this ID.
500	1020	null
500	2035	null

Response Description

The certificate resource with the following fields:

Non-administrative users see only the certificate name and ID. All other fields appear as 'null'.

- **id** - The certificate resource ID.
- **name** - A unique name that identifies the certificate.
- **purpose** - The intended use of the certificate.
- **subject** - Returns the Subject of the certificate.

- **issuer** - Returns the Issuer of the certificate.
- **expiry** - Returns the "Validity Not After" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **password** - Returns the password that is used to encrypt the private key. This value is always null in the response.
- **component_id** - Returns the assigned component ID of the certificate.
- **validation** - Returns the code to indicate whether the certificate is valid. If not, it returns the reason that the certificate is not valid.
 - -1 - The certificate has not been validated.
 - 0 - The certificate is valid or has not been checked.
 - 2001 - Error parsing a certificate.
 - 2002 - Error decoding a certificate.
 - 2003 - The certificate is expired.
 - 2004 - The certificate is not yet valid.
 - 2005 - The certificate is revoked.
 - 2010 - Unexpected error occurred when processing a certificate.
 - 2011 - Error finding the issuer certificates.
 - 2012 - The certificate's key usage or extended key usage does not match its purpose.
 - 2013 - Error validating the full chain of the certificate.
 - 2014 - The certificate is an invalid self-signed certificate.
 - 2020 - The CRL is invalid.
 - 2030 - Unexpected error when processing the CRL.
 - 2031 - Error finding the issuer certificates for the CRL.
 - 2032 - The issuer does not have the CRL sign usage.
 - 2033 - Error validating the CRL.
 - 2034 - The CRL is expired.

Response Sample

```
{
  "ca_chain_file": "String",
  "cert_file": "String",
  "component_id": 42,
  "component_name": "String",
  "csr_id": 42,
  "expiry": 42,
  "id": 42,
  "issuer": [
    {
      "field_name": "String",
      "value": "String"
    }
  ],
  "key_file": "String",
  "key_password": "String",
  "name": "String",
  "purpose": "String",
  "status": "String",
  "subject": [
    {
      "field_name": "String",
      "value": "String"
    }
  ],
  "validation": 42
}
```

POST /staged_config/certificates/end_certificates/{id}

SUMMARY

Use this endpoint to update an existing certificate resource. You must have System Administrator or Security Administrator permissions to use this endpoint. After the certificate resource is updated, an administrator must deploy the updated Keystore file.

Table 2089: POST /staged_config/certificates/end_certificates/{id} resource details

POST /staged_config/certificates/end_certificates/{id} resource details

MIME Type
application/json

Table 2090: POST /staged_config/certificates/end_certificates/{id} request parameter details

POST /staged_config/certificates/end_certificates/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	null
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2091: POST /staged_config/certificates/end_certificates/{id} request body details

POST /staged_config/certificates/end_certificates/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
CertificateDT O	Object	application/ json	<p>The modified certificate resource object. This JSON object contains the following optional parameters:</p> <ul style="list-style-type: none"> • name - A unique name to associate to this certificate. • purpose - Indicates the intended use of the certificate. • component_id - (Optional) Associates the certificate to a pre-registered component ID. <p>When a component is assigned, the certificate can be used only with that component.</p> <p>To view the list of registered components, use the GET <code>/api/config/certificates/components</code> endpoint.</p> <p>If you do not want to associate the certificate to a component, set the <code>component_id</code> to 0. Only System Administrators or Security Administrators can view certificates that do not have a component ID.</p> <p>This parameter can not be used in combination with the <code>csr_id</code> parameter. The <code>csr_id</code> must not be defined</p>	<pre>{ "ca_chain_file": "String", "cert_file": "String", "component_id": 42, "component_name": "String", "csr_id": 42, "expiry": 42, "id": 42, "issuer": [{ "field_name": "String", "value": "String" }], "key_file": "String", "key_password": "String", "name": "String", "purpose": "String", "status": "String", "subject": [{ "field_name": "String", "value": "String" }], "validation": 42 }</pre>

Table 2091: POST /staged_config/certificates/end_certificates/{id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<p>if the <code>key_file</code> parameter is used.</p> <p>Note: Only RSA generated private keys are supported.</p> <ul style="list-style-type: none"> • key_password - The password that is used to decrypt the private key (<code>key_file</code>). • ca_chain_file - The intermediate certificate file. This file must be PEM-encoded. <p>Note: To use multiple intermediate certificates, consolidate all intermediate chain certificates into one string, and separate the certificates with a new line (carriage return).</p> <p>The order of the certificate hierarchy is important. Each intermediate certificate must be listed in the child certificate authority first, and the issuer must come after it.</p> • cert_file - The end certificate file. This file must be PEM-encoded. 	

Table 2092: POST /staged_config/certificates/end_certificates/{id} response codes

POST /staged_config/certificates/end_certificates/{id} response codes

HTTP Response Code	Unique Code	Description
200		The certificate was updated successfully.
404	1002	null
409	1102	null
422	1101	null
422	1103	null
422	1005	null
422	1006	null
422	1007	null
422	1008	null
422	2001	Error parsing a certificate
422	2002	Error parsing a certificate
422	2003	The certificate is expired
422	2004	The certificate is not yet valid
422	2005	The certificate is revoked
422	2010	Unexpected error occurred when processing a certificate
422	2011	Error finding issuer certificates

Table 2092: POST /staged_config/certificates/end_certificates/{id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	2012	The certificate's key usage or extended key usage does not match to its purpose
422	2013	Error validating the full chain of the certificate
422	2014	The certificate is an invalid self-signed certificate
422	2020	The CRL is invalid
422	2030	Unexpected error when processing CRL
422	2031	Error finding the issuer certificates for the CRL
422	2032	The issuer does not have CRL signing authority.
422	2033	Error validating the CRL
422	2034	The CRL is expired
500	1020	null
500	2035	null

Response Description

The Certificate resource with the following fields:

- **id** - Uniquely identifies the certificate.
- **csr_id** - Returns a null value to ensure that the data is hidden.
- **name** - A unique name that identifies the certificate.

- **purpose** - The intended use of the certificate.
- **component_id** Returns the assigned component ID of the certificate.
- **component_name** Returns the assigned component name of the certificate.
- **status** - Returns the status of the certificate upload process. The status values are: DEPLOY_PENDING, DEPLOYED, and DELETE_PENDING.
- **subject** - Returns the Subject of the certificate.
- **issuer** - Returns the Issuer of the certificate.
- **expiry** - Returns the "Validity Not After" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **key_file** - Returns a null value to ensure that the data is hidden.
- **key_password** - Returns a null value to ensure that the data is hidden.
- **ca_chain_file** - Returns a null value to ensure that the data is hidden.
- **cert_file** - Returns a null value to ensure that the data is hidden.
- **validation** - Returns the code to indicate whether the certificate is valid. If not, it returns the reason that the certificate is not valid.
 - -1 - The certificate has not been validated.
 - 0 - The certificate is valid or has not been checked.
 - 2001 - Error parsing a certificate.
 - 2002 - Error decoding a certificate.
 - 2003 - The certificate is expired.
 - 2004 - The certificate is not yet valid.
 - 2005 - The certificate is revoked.
 - 2010 - Unexpected error occurred when processing a certificate.
 - 2011 - Error finding the issuer certificates.
 - 2012 - The certificate's key usage or extended key usage does not match its purpose.
 - 2013 - Error validating the full chain of the certificate.
 - 2014 - The certificate is an invalid self-signed certificate.

- 2020 - The CRL is invalid.
- 2030 - Unexpected error when processing the CRL.
- 2031 - Error finding the issuer certificates for the CRL.
- 2032 - The issuer does not have the CRL sign usage.
- 2033 - Error validating the CRL.
- 2034 - The CRL is expired.

Response Sample

```
{
  "ca_chain_file": "String",
  "cert_file": "String",
  "component_id": 42,
  "component_name": "String",
  "csr_id": 42,
  "expiry": 42,
  "id": 42,
  "issuer": [
    {
      "field_name": "String",
      "value": "String"
    }
  ],
  "key_file": "String",
  "key_password": "String",
  "name": "String",
  "purpose": "String",
  "status": "String",
  "subject": [
    {
      "field_name": "String",
      "value": "String"
    }
  ],
}
```

```
"validation": 42
}
```

GET /staged_config/certificates/root_certificates

SUMMARY

Gets the list of all of the root certificates that are uploaded. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2093: GET /staged_config/certificates/root_certificates resource details

GET /staged_config/certificates/root_certificates resource details

MIME Type

application/json

Table 2094: GET /staged_config/certificates/root_certificates request parameter details

GET /staged_config/certificates/root_certificates request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2094: GET /staged_config/certificates/root_certificates request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2095: GET /staged_config/certificates/root_certificates response codes

GET /staged_config/certificates/root_certificates response codes

HTTP Response Code	Unique Code	Description
200		An array of the certificate resources.
500	1020	Not able to return certificate collection

Response Description

An array of the root certificate resources that are uploaded. A Certificate object has the following format:

- **id** - Uniquely identifies the certificate. This value is derived from subject_key_id.
- **subject_key_id** - Returns the Subject Key Identifier of the CA certificate.
- **authority_key_id** - Returns the Authority Key Identifier of the CA certificate.
- **subject** - Returns the Subject of the CA certificate.
- **issuer** - Returns the Issuer of the CA certificate.

- **not_before** - Returns the "Validity Not Before" value of the certificate, represented as the number of milliseconds since UNIX Epoch.
- **expiry** - Returns the "Validity Not After" value of the certificate, represented as the number of milliseconds since UNIX Epoch.
- **status** - Returns the status of the certificate. After you upload the certificate, one of the following values is shown:
 - DEPLOY_PENDING indicates that the changes must be deployed.
 - DEPLOYED indicates that the certificate was uploaded and the changes were deployed.
 - DELETE_PENDING indicates that the certificate was deployed, but will be deleted pending the next deployment.
- **validation** - Returns the code to indicate if the certificate is valid or if not the reason the certificate is not valid.
 - -1 - Certificate has not been validated.
 - 0 - Certificate is valid or has not been checked.
 - 2001 - Error parsing a certificate.
 - 2002 - Error decoding a certificate.
 - 2003 - The certificate is expired.
 - 2004 - The certificate is not yet valid.
 - 2005 - The certificate is revoked.
 - 2010 - An unexpected error occurred when processing a certificate.
 - 2011 - Error finding the issuer certificates.
 - 2012 - The certificate's key usage or extended key usage does not match its purpose.
 - 2013 - Error validating the full chain of the certificate.
 - 2014 - The certificate is an invalid self-signed certificate.
 - 2020 - The CRL is invalid.
 - 2030 - Unexpected error when processing the CRL.
 - 2031 - Error finding the issuer certificates for the CRL.
 - 2032 - The issuer does not have the CRL sign usage.

- 2033 - Error validating the CRL.
- 2034 - The CRL is expired.

Response Sample

```
[
  {
    "authority_key_id": "String",
    "expiry": 42,
    "id": "String",
    "issuer": [
      {
        "field_name": "String",
        "value": "String"
      }
    ],
    "not_before": 42,
    "status": "String",
    "subject": [
      {
        "field_name": "String",
        "value": "String"
      }
    ],
    "subject_key_id": "String",
    "validation": 42
  }
]
```

POST /staged_config/certificates/root_certificates

SUMMARY

Uploads a new single root certificate to the staged configuration folder on the Console. This API enables the deployment of new root certificates to managed hosts, which enables the TLS handshake between a managed host and a destination device.

The following steps are required to push the root certificate to the managed host:

- Invoke this synchronous endpoint to upload the new single root certificate to the staged configuration folder on the Console.
- Deploy the changes to push the new root certificate to the managed host.

You must have System Administrator permissions to use this endpoint.

Table 2096: POST /staged_config/certificates/root_certificates resource details

POST /staged_config/certificates/root_certificates resource details

MIME Type

application/json

Table 2097: POST /staged_config/certificates/root_certificates request parameter details

POST /staged_config/certificates/root_certificates request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2098: POST /staged_config/certificates/root_certificates request body details

POST /staged_config/certificates/root_certificates request body details

Parameter	Data Type	MIME Type	Description	Sample
certificate_content	String	text/plain	Required. The contents of a single PEM-encoded x509 root certificate to be uploaded to the Console.	String

Table 2099: POST /staged_config/certificates/root_certificates response codes

POST /staged_config/certificates/root_certificates response codes

HTTP Response Code	Unique Code	Description
200		The certificate has been uploaded.
409	1102	Certificate already exists.
422	1101	The certificate is invalid.
422	2001	Error parsing a certificate
422	2002	Error parsing a certificate
422	2003	The certificate is expired
422	2004	The certificate is not yet valid
422	2005	The certificate is revoked
422	2010	Unexpected error occurred when processing a certificate
422	2011	Error finding issuer certificates
422	2012	The certificate's key usage or extended key usage does not match to its purpose

Table 2099: POST /staged_config/certificates/root_certificates response codes (Continued)

HTTP Response Code	Unique Code	Description
422	2013	Error validating the full chain of the certificate
422	2014	The certificate is an invalid self-signed certificate
422	2020	The CRL is invalid
422	2030	Unexpected error when processing CRL
422	2031	Error finding the issuer certificates for the CRL
422	2032	The issuer does not have CRL signing authority.
422	2033	Error validating the CRL
422	2034	The CRL is expired
500	1020	for unknown exception error code 500

Response Description

Displays the following information about the certificate resource:

- **id** - Uniquely identifies the certificate. This value is derived from `subject_key_id`.
- **subject_key_id** - Returns the Subject Key Identifier of the CA certificate.
- **authority_key_id** - Returns the Authority Key Identifier of the CA certificate.
- **subject** - Returns the Subject of the CA certificate.
- **issuer** - Returns the Issuer of the CA certificate.
- **not_before** - Returns the "Validity Not Before" field of the certificate, represented as the number of milliseconds since UNIX epoch.

- **expiry** - Returns the "Validity Not After" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **status** - Returns the status of the certificate. After you upload the certificate, the value will be DEPLOY_PENDING to indicate that the changes must be deployed.
- **validation** - Returns the code to indicate whether the certificate is valid. If not, it returns the reason that the certificate is not valid.
 - 0 - Certificate is valid or has not been checked.
 - 2001 - Error parsing a certificate.
 - 2002 - Error decoding a certificate.
 - 2003 - The certificate is expired.
 - 2004 - The certificate is not yet valid.
 - 2005 - The certificate is revoked.
 - 2010 - An unexpected error occurred when processing a certificate.
 - 2011 - Error finding the issuer certificates.
 - 2012 - The certificate's key usage or extended key usage does not match its purpose.
 - 2013 - Error validating the full chain of the certificate.
 - 2014 - The certificate is an invalid self-signed certificate.
 - 2020 - The CRL is invalid.
 - 2030 - Unexpected error when processing the CRL.
 - 2031 - Error finding the issuer certificates for the CRL.
 - 2032 - The issuer does not have the CRL sign usage.
 - 2033 - Error validating the CRL.
 - 2034 - The CRL is expired.

Response Sample

```
{
```

```

"authority_key_id": "String",
"expiry": 42,
"id": "String",
"issuer": [
  {
    "field_name": "String",
    "value": "String"
  }
],
"not_before": 42,
"status": "String",
"subject": [
  {
    "field_name": "String",
    "value": "String"
  }
],
"subject_key_id": "String",
"validation": 42
}

```

DELETE /staged_config/certificates/root_certificates/{id}

SUMMARY

Deletes a certificate from the staged configuration folder on the Console, but does not remove the certificate from the managed host. To remove the certificate from managed hosts, invoke this API and then deploy the configuration changes. You must have System Administrator permissions to use this endpoint.

Table 2100: DELETE /staged_config/certificates/root_certificates/{id} resource details

DELETE /staged_config/certificates/root_certificates/{id} resource details

MIME Type

text/plain

Table 2101: DELETE /staged_config/certificates/root_certificates/{id} request parameter details

DELETE /staged_config/certificates/root_certificates/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	The ID of the certificate to delete.

Table 2102: DELETE /staged_config/certificates/root_certificates/{id} response codes

DELETE /staged_config/certificates/root_certificates/{id} response codes

HTTP Response Code	Unique Code	Description
404	1105	No certificate exists with this ID.
500	1020	null

Response Description**Response Sample**

GET /staged_config/certificates/root_certificates/{id}

SUMMARY

Gets details of an uploaded root certificate, as specified by the ID. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2103: GET /staged_config/certificates/root_certificates/{id} resource details

GET /staged_config/certificates/root_certificates/{id} resource details

MIME Type

application/json

Table 2104: GET /staged_config/certificates/root_certificates/{id} request parameter details

GET /staged_config/certificates/root_certificates/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	String	text/plain	Required. The ID of the certificate to retrieve.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2105: GET /staged_config/certificates/root_certificates/{id} response codes

GET /staged_config/certificates/root_certificates/{id} response codes

HTTP Response Code	Unique Code	Description
404	1002	No certificate exists with this ID.
500	1020	null

Response Description

Displays the following information about the certificate resource:

- **id** - Uniquely identifies the certificate. This value is derived from `subject_key_id`.
- **subject_key_id** - Returns the Subject Key Identifier of the CA certificate.
- **authority_key_id** - Returns the Authority Key Identifier of the CA certificate.
- **subject** - Returns the Subject of the CA certificate.
- **issuer** - Returns the Issuer of the CA certificate.
- **not_before** - Returns the "Validity Not Before" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **expiry** - Returns the "Validity Not After" field of the certificate, represented as the number of milliseconds since UNIX epoch.
- **status** - Returns the status of the certificate. After you upload the certificate, one of the following values is shown:
 - `DEPLOY_PENDING` indicates that the changes must be deployed.
 - `DEPLOYED` indicates that the certificate was uploaded and the changes were deployed.
 - `DELETE_PENDING` indicates that the certificate was deployed, but will be deleted pending the next deployment.
- **validation** - Returns the code to indicate whether the certificate is valid. If not, it returns the reason that the certificate is not valid.
 - `-1` - Certificate has not been validated.
 - `0` - Certificate is valid or has not been checked.

- 2001 - Error parsing a certificate.
- 2002 - Error decoding a certificate.
- 2003 - The certificate is expired.
- 2004 - The certificate is not yet valid.
- 2005 - The certificate is revoked.
- 2010 - An unexpected error occurred when processing a certificate.
- 2011 - Error finding the issuer certificates.
- 2012 - The certificate's key usage or extended key usage does not match its purpose.
- 2013 - Error validating the full chain of the certificate.
- 2014 - The certificate is an invalid self-signed certificate.
- 2020 - The CRL is invalid.
- 2030 - Unexpected error when processing the CRL.
- 2031 - Error finding the issuer certificates for the CRL.
- 2032 - The issuer does not have the CRL sign usage.
- 2033 - Error validating the CRL.
- 2034 - The CRL is expired.

Response Sample

```
{
  "authority_key_id": "String",
  "expiry": 42,
  "id": "String",
  "issuer": [
    {
      "field_name": "String",
      "value": "String"
    }
  ],
}
```

```
"not_before": 42,  
"status": "String",  
"subject": [  
  {  
    "field_name": "String",  
    "value": "String"  
  }  
],  
"subject_key_id": "String",  
"validation": 42  
}
```

GET /staged_config/deploy_status

SUMMARY

Retrieves the status of a deploy in progress.

Retrieves the status of a deploy in progress.

Table 2106: GET /staged_config/deploy_status resource details

GET /staged_config/deploy_status resource details

MIME Type

application/json

There are no parameters for this endpoint.

Table 2107: GET /staged_config/deploy_status response codes

GET /staged_config/deploy_status response codes

HTTP Response Code	Unique Code	Description
200		The deploy status was successfully retrieved.
500	1020	An error occurred during the attempt to retrieve the status of the running deploy,

Response Description

The deploy status object. A deploy status object contains the following fields:

- **initiated_by** - String - The name of the user who initiated the deploy.
- **initiated_from** - String - The hostname from where the deploy was initiated.
- **type** - String - The type of deploy: FULL or INCREMENTAL.
- **status** - String - The status of the deploy: UNKNOWN, START, DONE.
- **hosts** - Map of < String, List of String > - A map of status states and a list of hosts.
- **error_message** - String - The deployment error message.
- **has_errors** - Boolean - True if the deploy has encountered an error.
- **percent_complete** - Integer - The percentage of completion of the deploy. (0 - 100)

Response Sample

```
{
  "hosts": [
    {
      "host_status": "String <one of: SUCCESS, INITIATING, IN_PROGRESS, TIMED_OUT, ERROR>",
      "ip": "String",
      "status": "String <one of: SUCCESS, INITIATING, IN_PROGRESS, TIMED_OUT, ERROR>"
    }
  ],
}
```

```
"initiated_by": "String",
"initiated_from": "String",
"percent_complete": 42,
"status": "String <one of: INITIALIZING, IN_PROGRESS, COMPLETE>",
"type": "String <one of: INCREMENTAL, FULL>"
}
```

POST /staged_config/deploy_status

SUMMARY

Executes a deploy.

Executes a deploy.

Table 2108: POST /staged_config/deploy_status resource details

POST /staged_config/deploy_status resource details

MIME Type

application/json

Table 2109: POST /staged_config/deploy_status request body details

POST /staged_config/deploy_status request body details

Parameter	Data Type	MIME Type	Description	Sample
deploy_status	Object	application/json	null	<pre>{ "hosts": [{ "host_status": "String <one of: SUCCESS, INITIATING, IN_PROGRESS, TIMED_OUT, ERROR>", "ip": "String", "status": "String <one of: SUCCESS, INITIATING, IN_PROGRESS, TIMED_OUT, ERROR>" }], "initiated_by": "String", "initiated_from": "String", "percent_complete": 42, "status": "String <one of: INITIALIZING, IN_PROGRESS, COMPLETE>", "type": "String <one of: INCREMENTAL, FULL>" }</pre>

Table 2110: POST /staged_config/deploy_status response codes

POST /staged_config/deploy_status response codes

HTTP Response Code	Unique Code	Description
200		The deploy was scheduled.
409	1002	There already exists a deploy in action, or there are no changes to deploy.
409	1003	null
409	1004	null
422	1005	null
500	1020	An error occurred during the attempt to run the deploy

Response Description

The deploy status object. A deploy status object contains the following fields:

- **initiated_by** - String - The name of the user who initiated the deploy.
- **initiated_from** - String - The hostname from where the deploy was initiated.
- **type** - String - The type of deploy: FULL or INCREMENTAL.
- **status** - String - The status of the deploy: UNKNOWN, START, DONE.
- **hosts** - Map of < String, List of String > - A map of status states and a list of hosts.
- **error_message** - String - The deployment error message.
- **has_errors** - Boolean - True if the deploy has encountered an error.
- **percent_complete** - Integer - The percentage of completion of the deploy. (0 - 100)

Response Sample

```
{
  "hosts": [
    {
      "host_status": "String <one of: SUCCESS, INITIATING, IN_PROGRESS, TIMED_OUT, ERROR>",
      "ip": "String",
      "status": "String <one of: SUCCESS, INITIATING, IN_PROGRESS, TIMED_OUT, ERROR>"
    }
  ],
  "initiated_by": "String",
  "initiated_from": "String",
  "percent_complete": 42,
  "status": "String <one of: INITIALIZING, IN_PROGRESS, COMPLETE>",
  "type": "String <one of: INCREMENTAL, FULL>"
}
```


GET /staged_config/deployment/hosts

SUMMARY

Retrieves a list of all staged hosts.

Retrieves the list of all staged hosts.

Table 2111: GET /staged_config/deployment/hosts resource details

GET /staged_config/deployment/hosts resource details

MIME Type

application/json

Table 2112: GET /staged_config/deployment/hosts request parameter details

GET /staged_config/deployment/hosts request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 2112: GET /staged_config/deployment/hosts request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2113: GET /staged_config/deployment/hosts response codes

GET /staged_config/deployment/hosts response codes

HTTP Response Code	Unique Code	Description
200		The host list was successfully retrieved.
500	1005	An error occurred during the attempt to retrieve the host list.

Response Description

A list of all the hosts. Each Host object has the following fields:

- **id** - The ID of this managed host.
- **hostname** - The host name of this managed host.
- **private_ip** - The private IP of this managed host.
- **public_ip** - The public IP of this managed host.
- **appliance** - An object that represents the appliance type ID and description of this managed host.
- **version** - The installed version on this managed host.
- **status** - The status of this managed host.
- **email_server_id** - The id of the email server for this managed host.

- **eps_rate_hardware_limit** - The upper limit for eps_allocation based on hardware constraints for this managed host.
- **eps_allocation** - The allocated eps rate of this managed host.
- **average_eps** - The average eps rate of this managed host over the previous month.
- **peak_eps** - The peak eps rate that was experienced by this managed host over the previous month.
- **proxy_server_id** - The id of the proxy server for this managed host.
- **fpm_rate_hardware_limit** - The upper limit for fpm_allocation based on hardware constraints for this managed host.
- **fpm_allocation** - The allocated fpm rate of this managed host.
- **average_fpm** - The average fpm rate of this managed host over the previous month.
- **peak_fpm** - The peak fpm rate that was experienced by this managed host over the previous month.
- **primary_server_id** - The ID for the primary server host for this managed host.
- **secondary_server_id** - If configured, the ID for the secondary server host for this managed host.
- **license_serial_number** - The serial number that is associated with this managed host's license.
- **components** - A list of components that are associated with this managed host.
- **compression_enabled** - Whether or not compression is enabled for this managed host.
- **encryption_enabled** - Whether or not encryption is enabled for this managed host.

Response Sample

```
[
  {
    "app_memory": 42,
    "appliance": {
      "id": "String",
      "type": "String"
    },
    "average_eps": 42,
    "average_fpm": 42,
    "components": [
```

```

    "String <one of: eventcollectoringress, eventcollector, eventprocessor, dataNode,
magistrate, ariel_query_server, ariel_proxy_server, vis, assetprofiler, qflow, hostcontext,
tunnel, setupunnel, ecs-ec-ingress, ecs-ec, ecs-ep, resolveragent, resolver_manager,
offsiteSource, offsiteTarget, accumulator, data_export, offline_forwarder, qvm, qvmprocessor,
qvmscanner, qvmhostedscanner, qvmsiteprotector, arc_builder, tomcat-rm, ziptie-server, qrm,
asset_change_publisher, forensicsnode, forensics_realtime, masterdaemon>"
  ],
  "compression_enabled": true,
  "cpus": 42,
  "email_server_id": 42,
  "encryption_enabled": true,
  "eps_allocation": 42,
  "eps_rate_hardware_limit": 42,
  "fpm_allocation": 42,
  "fpm_rate_hardware_limit": 42,
  "hostname": "String",
  "id": 42,
  "license_serial_number": "String",
  "peak_eps": 42,
  "peak_fpm": 42,
  "primary_server_id": 42,
  "private_ip": "String",
  "proxy_server_id": 42,
  "public_ip": "String",
  "remote_tunnel_initiation_enabled": true,
  "secondary_server_id": 42,
  "status": "String <one of: Active, ADDING, Deleted, Deleting, ADD_FAILED, New,
ADD_FAILED_VERSION_CHECK, ADD_FAILED_DEPLOY_IN_PROGRESS, ADD_FAILED_RETRY_CONNECTION,
ADD_FAILED_HA, ADD_FAILED_CHECK_LOGS, ADD_FAILED_QVMPROCESSOR_ALREADY_EXISTS>",
  "total_memory": 42,
  "version": "String"
}
]

```

GET /staged_config/deployment/hosts/{id}

SUMMARY

Retrieves a staged host by ID. The Host object has the following fields:

Retrieves a staged host by ID.

Table 2114: GET /staged_config/deployment/hosts/{id} resource details

GET /staged_config/deployment/hosts/{id} resource details

MIME Type

application/json

Table 2115: GET /staged_config/deployment/hosts/{id} request parameter details

GET /staged_config/deployment/hosts/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the staged host to be retrieved.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2116: GET /staged_config/deployment/hosts/{id} response codes

GET /staged_config/deployment/hosts/{id} response codes

HTTP Response Code	Unique Code	Description
200		The host was successfully retrieved.

Table 2116: GET /staged_config/deployment/hosts/{id} response codes (*Continued*)

HTTP Response Code	Unique Code	Description
404	1006	No such staged host for the given ID
422	1007	The provided id was a negative number or zero.
500	1008	An error occurred during the retrieval of the host.

Response Description

The associated staged host object.

- **id** - The ID of this managed host.
- **hostname** - The host name of this managed host.
- **private_ip** - The private IP of this managed host.
- **public_ip** - The public IP of this managed host.
- **appliance** - An object that represents the appliance type ID and description of this managed host.
- **version** - The installed version on this managed host.
- **status** - The status of this managed host.
- **email_server_id** - The id of the email server for this managed host.
- **eps_rate_hardware_limit** - The upper limit for eps_allocation based on hardware constraints for this managed host.
- **eps_allocation** - The allocated eps rate of this managed host.
- **average_eps** - The average eps rate of this managed host over the previous month.
- **peak_eps** - The peak eps rate that was experienced by this managed host over the previous month.
- **proxy_server_id** - The id of the proxy server for this managed host.
- **fpm_rate_hardware_limit** - The upper limit for fpm_allocation based on hardware constraints for this managed host.

- **fpm_allocation** - The allocated fpm rate of this managed host.
- **average_fpm** - The average fpm rate of this managed host over the previous month.
- **peak_fpm** - The peak fpm rate that was experienced by this managed host over the previous month.
- **primary_server_id** - The ID for the primary server host for this managed host.
- **secondary_server_id** - If configured, the ID for the secondary server host for this managed host.
- **license_serial_number** - The serial number that is associated with this managed host's license.
- **components** - A list of components that are associated with this managed host.
- **compression_enabled** - Whether or not compression is enabled for this managed host.
- **encryption_enabled** - Whether or not encryption is enabled for this managed host.

Response Sample

```
{
  "app_memory": 42,
  "appliance": {
    "id": "String",
    "type": "String"
  },
  "average_eps": 42,
  "average_fpm": 42,
  "components": [
    "String <one of: eventcollectoringress, eventcollector, eventprocessor, dataNode,
magistrate, ariel_query_server, ariel_proxy_server, vis, assetprofiler, qflow, hostcontext,
tunnel, setupunnel, ecs-ec-ingress, ecs-ec, ecs-ep, resolveragent, resolver_manager,
offsiteSource, offsiteTarget, accumulator, data_export, offline_forwarder, qvm, qvmprocessor,
qvmscanner, qvmhostedscanner, qvmsiteprotector, arc_builder, tomcat-rm, ziptie-server, qrm,
asset_change_publisher, forensicsnode, forensics_realtime, masterdaemon>"
  ],
  "compression_enabled": true,
  "cpus": 42,
  "email_server_id": 42,
  "encryption_enabled": true,
  "eps_allocation": 42,
  "eps_rate_hardware_limit": 42,
```

```

"fpm_allocation": 42,
"fpm_rate_hardware_limit": 42,
"hostname": "String",
"id": 42,
"license_serial_number": "String",
"peak_eps": 42,
"peak_fpm": 42,
"primary_server_id": 42,
"private_ip": "String",
"proxy_server_id": 42,
"public_ip": "String",
"remote_tunnel_initiation_enabled": true,
"secondary_server_id": 42,
"status": "String <one of: Active, ADDING, Deleted, Deleting, ADD_FAILED, New,
ADD_FAILED_VERSION_CHECK, ADD_FAILED_DEPLOY_IN_PROGRESS, ADD_FAILED_RETRY_CONNECTION,
ADD_FAILED_HA, ADD_FAILED_CHECK_LOGS, ADD_FAILED_QVMPROCESSOR_ALREADY_EXISTS>",
"total_memory": 42,
"version": "String"
}

```

GET /staged_config/deployment/hosts/{id}/tunnels

SUMMARY

Gets the list of tunnels for the host.

Gets the list of staged tunnels for the staged host.

Table 2117: GET /staged_config/deployment/hosts/{id}/tunnels resource details

GET /staged_config/deployment/hosts/{id}/tunnels resource details

MIME Type

application/json

Table 2118: GET /staged_config/deployment/hosts/{id}/tunnels request parameter details

GET /staged_config/deployment/hosts/{id}/tunnels request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the staged host.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2119: GET /staged_config/deployment/hosts/{id}/tunnels response codes

GET /staged_config/deployment/hosts/{id}/tunnels response codes

HTTP Response Code	Unique Code	Description
200		A list of SSH tunnels. This will list all tunnels currently in the system for the staged host.
404	1009	Host id provided is invalid.

Table 2119: GET /staged_config/deployment/hosts/{id}/tunnels response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1010	Invalid host_id provided.

Response Description

A list of SSH tunnels. This will list all tunnels currently in the system for the deployed host. The Tunnel object has the following fields:

- **name** - The name of the tunnel object.
- **remote_hostID** - The host ID of the remote host of the tunnel.
- **remote_port** - The port on the remote host that is used by the tunnel.
- **local_port** - The port on the originating host that is used by the tunnel.
- **reverse_source** - Set this value to true to initiate the tunnel on the remote host instead of the originating host. This has no effect if either the originating or the remote host is a console.

Response Sample

```
[
  {
    "local_port": 42,
    "name": "String",
    "remote_host_id": 42,
    "remote_port": 42,
    "reverse_source": true
  }
]
```

POST /staged_config/deployment/hosts/{id}/tunnels/{name}

SUMMARY

Updates a tunnel by host ID and tunnel name. The update is in the staged configuration and a deployment is needed. The only editable field is reverse_source. The default is false and can be set to true.

Updates a tunnel by host ID and tunnel name. The update is in the staged configuration and a deployment is needed. The only editable field is reverse_source. The default is false and can be set to true.

Table 2120: POST /staged_config/deployment/hosts/{id}/tunnels/{name} resource details

POST /staged_config/deployment/hosts/{id}/tunnels/{name} resource details

MIME Type

application/json

Table 2121: POST /staged_config/deployment/hosts/{id}/tunnels/{name} request parameter details

POST /staged_config/deployment/hosts/{id}/tunnels/{name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required - The ID of the staged host.
name	path	Required	String	text/plain	Required - The name of the tunnel to be retrieved.

Table 2121: POST /staged_config/deployment/hosts/{id}/tunnels/{name} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2122: POST /staged_config/deployment/hosts/{id}/tunnels/{name} request body details

POST /staged_config/deployment/hosts/{id}/tunnels/{name} request body details

Parameter	Data Type	MIME Type	Description	Sample
tunnel	Object	application/json	Required - The tunnel values to be updated. The reverse_source field is the only field that can be edited, and it is a required field. The default is false and can be set to true. When it's set to true the remote and originating hosts are swapped.	{ "local_port": 42, "name": "String", "remote_host_id": 42, "remote_port": 42, "reverse_source": true }

Table 2123: POST /staged_config/deployment/hosts/{id}/tunnels/{name} response codes

POST /staged_config/deployment/hosts/{id}/tunnels/{name} response codes

HTTP Response Code	Unique Code	Description
200		An SSH tunnel. This will be the tunnel that was updated for the staged host.
404	1012	Could not find the tunnel.

Table 2123: POST /staged_config/deployment/hosts/{id}/tunnels/{name} response codes (Continued)

HTTP Response Code	Unique Code	Description
404	1013	Host id provided is invalid.
422	1010	Invalid tunnel_name provided.
422	1011	Invalid host_id provided.
422	1014	Tunnel update not permitted when origin or remote host is a Console.
422	1016	One or more provided parameters are invalid.

Response Description

An SSH Tunnel. This will be the tunnel that was updated for the staged host. The Tunnel object has the following fields:

- **name** - The name of the tunnel object.
- **remote_hostID** - The host ID of the remote host of the tunnel.
- **remote_port** - The port on the remote host that is used by the tunnel.
- **local_port** - The port on the originating host that is used by the tunnel.
- **reverse_source** - Set this value to true to initiate the tunnel on the remote host instead of the originating host. This has no effect if either the originating or the remote host is a console.

Response Sample

```
{
  "local_port": 42,
```

```

    "name": "String",
    "remote_host_id": 42,
    "remote_port": 42,
    "reverse_source": true
  }

```

GET /staged_config/flow/applications/active_applications

SUMMARY

Gets the list of active flow applications that are in the staged configuration area.

Gets the list of active flow applications that are in the staged configuration area. Active applications are flow applications that are currently in-use by the system. Active applications that are in the staged configuration area are not yet deployed to the system. Changes or modifications to a flow application should always be made to the active applications list. Do not update the default applications list. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2124: GET /staged_config/flow/applications/active_applications resource details

GET /staged_config/flow/applications/active_applications resource details

MIME Type

application/json

Table 2125: GET /staged_config/flow/applications/active_applications request parameter details

GET /staged_config/flow/applications/active_applications request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.

Table 2125: GET /staged_config/flow/applications/active_applications request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2126: GET /staged_config/flow/applications/active_applications response codes

GET /staged_config/flow/applications/active_applications response codes

HTTP Response Code	Unique Code	Description
200		An array of staged active flow applications. The level_one field is used as the default sort input in ascending order.
422	1005	A field request parameter is not valid.
422	1010	The filter criteria supplied is not valid.

Table 2126: GET /staged_config/flow/applications/active_applications response codes (Continued)

HTTP Response Code	Unique Code	Description
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retrieving the flow applications.

Response Description

An array of staged active flow applications. The `level_one` field is used as the default sort input in ascending order. A staged active flow application object contains the following fields:

- **id** - Long - The unique ID for the application.
- **name** - String - The system-generated name of the application as it would appear on the Network Activity tab. The Network Activity tab displays only the first three subcategories of the application name
- **level_one** - String - The first category of the application name.
- **level_two** - String - The second category of the application name.
- **level_three** - String - The third category of the application name.
- **level_four** - String - The fourth category of the application name.
- **level_five** - String - The fifth category of the application name.
- **last_update_time** - String - The epoch timestamp, represented in milliseconds, since the application was last modified.

Response Sample

```
[
  {
    "id": 42,
```



```

    "last_update_time": 42,
    "level_five": "String",
    "level_four": "String",
    "level_one": "String",
    "level_three": "String",
    "level_two": "String",
    "name": "String"
  }
]

```

POST /staged_config/flow/applications/active_applications

SUMMARY

Create a new active flow application in the staged configuration area.

Create a new active flow application in the staged configuration area. The ID for custom applications should be in the 15,000 - 20,000 range. Active applications are flow applications that are currently in-use by the system. Active applications that are in the staged configuration area are not yet deployed. Changes or modifications to a flow application should always be made to the active applications list. Do not update the default applications. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2127: POST /staged_config/flow/applications/active_applications resource details

POST /staged_config/flow/applications/active_applications resource details

MIME Type

application/json

Table 2128: POST /staged_config/flow/applications/active_applications request parameter details

POST /staged_config/flow/applications/active_applications request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2129: POST /staged_config/flow/applications/active_applications request body details

POST /staged_config/flow/applications/active_applications request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>Only id, level_one, level_two, level_three, level_four and level_five fields can be set when creating a staged active flow application. All other fields are ignored.</p> <ul style="list-style-type: none"> • id - Long - The unique ID for the application. • level_one - String - The first category of the application name. • level_two - String - The second category of the application name. • level_three - String - The third category of the application name. • level_four - String - The fourth category of the application name. • level_five - String - The fifth category of the application name. 	<pre>{ "id": 42, "level_five": "String", "level_four": "String", "level_one": "String", "level_three": "String", "level_two": "String" }</pre>

Table 2130: POST /staged_config/flow/applications/active_applications response codes

POST /staged_config/flow/applications/active_applications response codes

HTTP Response Code	Unique Code	Description
201		The active flow application was created in the staged configuration area.
409	2010	The ID for the staged active flow application must be unique.

Table 2130: POST /staged_config/flow/applications/active_applications response codes (Continued)

HTTP Response Code	Unique Code	Description
422	2015	The id field is required, but was not provided.
422	2016	The id field must be between 0 and 2147483647 inclusive.
422	2020	The first category of the application must not be empty.
422	2025	The first category is required, but was not provided.
422	2030	The second category of the application must not be empty if lower level categories are populated.
422	2031	The third category of the application must not be empty if lower level categories are populated.
422	2032	The fourth category of the application must not be empty if lower level categories are populated.
500	1020	An error occurred while retrieving the flow applications.

Response Description

201 response with the new staged active flow application structure. The location header will be set to the URL of the new staged active flow application. An active flow application object contains the following fields:

- **id** - Long - The unique ID for the application.
- **name** - String - The system-generated name of the application as it would appear on the Network Activity tab. The Network Activity tab displays only the first three subcategories of the application name
- **level_one** - String - The first category of the application name.
- **level_two** - String - The second category of the application name.

- **level_three** - String - The third category of the application name.
- **level_four** - String - The fourth category of the application name.
- **level_five** - String - The fifth category of the application name.
- **last_update_time** - String - The epoch timestamp, represented in milliseconds, since the application was last modified.

Response Sample

```
{
  "id": 42,
  "last_update_time": 42,
  "level_five": "String",
  "level_four": "String",
  "level_one": "String",
  "level_three": "String",
  "level_two": "String",
  "name": "String"
}
```

DELETE /staged_config/flow/applications/active_applications/{id}

SUMMARY

Removes the active flow application from the staged configuration area, as specified by the application ID.

Removes the active flow application from the staged configuration area, as specified by the application ID. Active applications are flow applications that are currently in-use by the system. Active applications that are in the staged configuration area are not yet deployed. Changes or modifications to a flow application should always be made to the active applications list. Do not update the default applications. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2131: DELETE /staged_config/flow/applications/active_applications/{id} resource details

DELETE /staged_config/flow/applications/active_applications/{id} resource details

MIME Type
text/plain

Table 2132: DELETE /staged_config/flow/applications/active_applications/{id} request parameter details

DELETE /staged_config/flow/applications/active_applications/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the active flow application that you want to remove from the staged configuration area.

Table 2133: DELETE /staged_config/flow/applications/active_applications/{id} response codes

DELETE /staged_config/flow/applications/active_applications/{id} response codes

HTTP Response Code	Unique Code	Description
204		Successful removal.
404	2001	An active flow application for the specified ID does not exist in the staged configuration area.
409	2040	An active flow Common Destination Port config is using the specified ID.
500	1020	An error occurred while retrieving the flow applications.

Response Description

Response Sample

GET /staged_config/flow/applications/active_applications/{id}

SUMMARY

Gets an individual active flow application that is in the staged configuration area, as specified by the application ID. Active applications are flow applications that are currently in-use by the system. Active applications that are in the staged configuration area are not yet deployed. Changes or modifications to a flow application should always be made to the active applications list. Do not update the default applications. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2134: GET /staged_config/flow/applications/active_applications/{id} resource details

GET /staged_config/flow/applications/active_applications/{id} resource details

MIME Type
application/json

Table 2135: GET /staged_config/flow/applications/active_applications/{id} request parameter details

GET /staged_config/flow/applications/active_applications/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID number of the active flow application to get.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2136: GET /staged_config/flow/applications/active_applications/{id} response codes

GET /staged_config/flow/applications/active_applications/{id} response codes

HTTP Response Code	Unique Code	Description
200		The staged active flow application for the specified ID.
404	2001	An active flow application for the specified ID does not exist in the staged configuration area.
422	1005	A field request parameter is not valid.
422	1010	The filter criteria supplied is not valid.
422	1015	The sort field or order is not valid.
500	1020	An error occurred while retrieving the flow applications.

Response Description

The staged active flow application for the specified ID. An active flow application object contains the following fields:

- **id** - Long - The unique ID for the application.
- **name** - String - The system-generated name of the application as it would appear on the Network Activity tab. The Network Activity tab displays only the first three subcategories of the application name
- **level_one** - String - The first category of the application name.
- **level_two** - String - The second category of the application name.
- **level_three** - String - The third category of the application name.
- **level_four** - String - The fourth category of the application name.
- **level_five** - String - The fifth category of the application name.
- **last_update_time** - String - The epoch timestamp, represented in milliseconds, since the application was last modified.

Response Sample

```
{
  "id": 42,
  "last_update_time": 42,
  "level_five": "String",
  "level_four": "String",
  "level_one": "String",
  "level_three": "String",
  "level_two": "String",
  "name": "String"
}
```

POST /staged_config/flow/applications/active_applications/{id}

SUMMARY

Updates an active flow application that is in the staged configuration area, as specified by the application ID.

Updates an active flow application that is in the staged configuration area, as specified by the application ID. Active applications are flow applications that are currently in-use by the system. Active applications that are in the staged configuration area are not yet deployed. Changes or modifications to a flow application should always be made to the active applications list. Do not update the default applications. You must have System Administrator or Security Administrator permissions to use this endpoint.

Table 2137: POST /staged_config/flow/applications/active_applications/{id} resource details

POST /staged_config/flow/applications/active_applications/{id} resource details

MIME Type

application/json

Table 2138: POST /staged_config/flow/applications/active_applications/{id} request parameter details

POST /staged_config/flow/applications/active_applications/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the active flow application to update in the staged configuration area.

Table 2138: POST /staged_config/flow/applications/active_applications/{id} request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2139: POST /staged_config/flow/applications/active_applications/{id} request body details

POST /staged_config/flow/applications/active_applications/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>Only level_one, level_two, level_three, level_four and level_four fields can be set when updating a staged active flow application. All other fields are ignored.</p> <ul style="list-style-type: none"> • level_one - String - The first category of the application name. • level_two - String - The second category of the application name. • level_three - String - The third category of the application name. • level_four - String - The fourth category of the application name. • level_five - String - The fifth category of the application name. 	<pre>{ "level_five": "String", "level_four": "String", "level_one": "String", "level_three": "String", "level_two": "String" }</pre>

Table 2140: POST /staged_config/flow/applications/active_applications/{id} response codes

POST /staged_config/flow/applications/active_applications/{id} response codes

HTTP Response Code	Unique Code	Description
200		The active flow application was updated in the staged configuration area.
404	2001	An active flow application for the specified ID does not exist in the staged configuration area.
422	2020	The first category of the application must not be empty.

Table 2140: POST /staged_config/flow/applications/active_applications/{id} response codes
(Continued)

HTTP Response Code	Unique Code	Description
422	2030	The second category of the application must not be empty if lower level categories are populated.
422	2031	The third category of the application must not be empty if lower level categories are populated.
422	2032	The fourth category of the application must not be empty if lower level categories are populated.
500	1020	An error occurred while retrieving the flow applications.

Response Description

The updated staged active flow application for the specified ID. An active flow application object contains the following fields:

- **id** - Long - The unique ID for the application.
- **name** - String - The system-generated name of the application as it would appear on the Network Activity tab. The Network Activity tab displays only the first three subcategories of the application name
- **level_one** - String - The first category of the application name.
- **level_two** - String - The second category of the application name.
- **level_three** - String - The third category of the application name.
- **level_four** - String - The fourth category of the application name.
- **level_five** - String - The fifth category of the application name.
- **last_update_time** - String - The epoch timestamp, represented in milliseconds, since the application was last modified.

Response Sample

```
{
  "id": 42,
  "last_update_time": 42,
  "level_five": "String",
  "level_four": "String",
  "level_one": "String",
  "level_three": "String",
  "level_two": "String",
  "name": "String"
}
```

GET /staged_config/remote_networks

SUMMARY

Retrieves a list of staged remote networks.

Retrieves the list of staged remote networks.

Table 2141: GET /staged_config/remote_networks resource details

GET /staged_config/remote_networks resource details

MIME Type

application/json

Table 2142: GET /staged_config/remote_networks request parameter details

GET /staged_config/remote_networks request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2143: GET /staged_config/remote_networks response codes

GET /staged_config/remote_networks response codes

HTTP Response Code	Unique Code	Description
200		The staged remote networks list was successfully retrieved.
500	1020	An internal server error occurred during the retrieval of the list of staged remote networks.

Response Description

A list of staged remote networks.

- **id** - Long - The ID of the remote network.
- **name** - String - The name of the remote network.
- **description** - String - The description of the remote network.
- **group** - String - The group the remote network belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote network.

Response Sample

```
[
  {
    "cidrs": [
      "String"
    ],
    "description": "String",
    "group": "String",
    "id": 42,
    "name": "String"
  }
]
```

POST /staged_config/remote_networks

SUMMARY

Adds a new staged remote network.

Creates a new staged remote network.

Table 2144: POST /staged_config/remote_networks resource details

POST /staged_config/remote_networks resource details

MIME Type
application/json

Table 2145: POST /staged_config/remote_networks request parameter details

POST /staged_config/remote_networks request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2146: POST /staged_config/remote_networks request body details

POST /staged_config/remote_networks request body details

Parameter	Data Type	MIME Type	Description	Sample
network	Object	application/json	The new remote network object.	{ "cidrs": ["String"], "description": "String", "group": "String", "id": 42, "name": "String" }

Table 2147: POST /staged_config/remote_networks response codes

POST /staged_config/remote_networks response codes

HTTP Response Code	Unique Code	Description
201		The new staged remote network was successfully created.
409	1008	The remote network name already exists in the selected group.
422	1005	A request parameter is invalid.
500	1020	An error occurred during the creation of the remote network.

Response Description

The associated new created staged remote network object.

- **id** - Long - The ID of the remote network.
- **name** - String - The name of the remote network.
- **description** - String - The description of the remote network.
- **group** - String - The group the remote network belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote network.

Response Sample

```
{
  "cidrs": [
    "String"
  ],
  "description": "String",
  "group": "String",
  "id": 42,
```

```
"name": "String"
}
```

DELETE /staged_config/remote_networks/{network_id}

SUMMARY

Deletes an existing staged remote network.

Deletes an existing staged remote network.

Table 2148: DELETE /staged_config/remote_networks/{network_id} resource details

DELETE /staged_config/remote_networks/{network_id} resource details

MIME Type

text/plain

Table 2149: DELETE /staged_config/remote_networks/{network_id} request parameter details

DELETE /staged_config/remote_networks/{network_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
network_id	path	Required	Number (Integer)	text/plain	ID that is used to locate the staged remote network.

Table 2150: DELETE /staged_config/remote_networks/{network_id} response codes

DELETE /staged_config/remote_networks/{network_id} response codes

HTTP Response Code	Unique Code	Description
204		The staged remote network was successfully deleted.
404	1002	No staged remote network was found for the provided network ID.
500	1020	An error occurred during the deletion of the remote network.

Response Description

Response Sample

GET /staged_config/remote_networks/{network_id}

SUMMARY

Retrieves a staged remote network by ID.

Retrieves a staged remote network by ID.

Table 2151: GET /staged_config/remote_networks/{network_id} resource details

GET /staged_config/remote_networks/{network_id} resource details

MIME Type

application/json

Table 2152: GET /staged_config/remote_networks/{network_id} request parameter details

GET /staged_config/remote_networks/{network_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
network_id	path	Required	Number (Integer)	text/plain	ID that is used to retrieve a staged remote network.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2153: GET /staged_config/remote_networks/{network_id} response codes

GET /staged_config/remote_networks/{network_id} response codes

HTTP Response Code	Unique Code	Description
200		The staged remote network was successfully retrieved.
404	1002	No staged remote network was found with the provided ID.
500	1020	An error occurred during the retrieval of the remote network.

Response Description

The associated staged remote network object.

- **id** - Long - The ID of the remote network.
- **name** - String - The name of the remote network.
- **description** - String - The description of the remote network.
- **group** - String - The group the remote network belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote network.

Response Sample

```
{
  "cidrs": [
    "String"
  ],
  "description": "String",
  "group": "String",
  "id": 42,
  "name": "String"
}
```

POST /staged_config/remote_networks/{network_id}

SUMMARY

Updates an existing staged remote network.

Updates an existing staged remote network.

Table 2154: POST /staged_config/remote_networks/{network_id} resource details

POST /staged_config/remote_networks/{network_id} resource details

MIME Type
application/json

Table 2155: POST /staged_config/remote_networks/{network_id} request parameter details

POST /staged_config/remote_networks/{network_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
network_id	path	Required	Number (Integer)	text/plain	ID that is used to update a staged remote network.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2156: POST /staged_config/remote_networks/{network_id} request body details

POST /staged_config/remote_networks/{network_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
network	Object	application/json	The updated remote network object.	{ "cidrs": ["String"], "description": "String", "group": "String", "id": 42, "name": "String" }

Table 2157: POST /staged_config/remote_networks/{network_id} response codes

POST /staged_config/remote_networks/{network_id} response codes

HTTP Response Code	Unique Code	Description
200		The staged remote network was successfully updated.
404	1002	No staged remote network was found for the provided network ID.
409	1008	The remote network name already exists in the selected group.
422	1005	A request parameter is invalid.
500	1020	An error occurred during the uopdate of the remote network.

Response Description

The associated updated staged remote network object.

- **id** - Long - The ID of the remote network.
- **name** - String - The name of the remote network.
- **description** - String - The description of the remote network.
- **group** - String - The group the remote network belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote network.

Response Sample

```
{
  "cidrs": [
    "String"
  ],
  "description": "String",
  "group": "String",
```



```

    "id": 42,
    "name": "String"
  }

```

GET /staged_config/remote_services

SUMMARY

Retrieves a list of staged remote services.

Retrieves the list of staged remote services

Table 2158: GET /staged_config/remote_services resource details

GET /staged_config/remote_services resource details

MIME Type

application/json

Table 2159: GET /staged_config/remote_services request parameter details

GET /staged_config/remote_services request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 2159: GET /staged_config/remote_services request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2160: GET /staged_config/remote_services response codes

GET /staged_config/remote_services response codes

HTTP Response Code	Unique Code	Description
200		The staged remote services list was successfully retrieved.
500	1020	An internal server error occurred during the retrieval of the list of staged remote services.

Response Description

A list of staged remote services.

- **id** - Long - The ID of the remote service.
- **name** - String - The name of the remote service.

- **description** - String - The description of the remote service.
- **group** - String - The group the remote service belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote service.

Response Sample

```
[
  {
    "cidrs": [
      "String"
    ],
    "description": "String",
    "group": "String",
    "id": 42,
    "name": "String"
  }
]
```

POST /staged_config/remote_services

SUMMARY

Adds a staged remote service.

Creates a staged remote service.

Table 2161: POST /staged_config/remote_services resource details

POST /staged_config/remote_services resource details

MIME Type

application/json

Table 2162: POST /staged_config/remote_services request parameter details

POST /staged_config/remote_services request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2163: POST /staged_config/remote_services request body details

POST /staged_config/remote_services request body details

Parameter	Data Type	MIME Type	Description	Sample
service	Object	application/json	The new remote service object.	{ "cidrs": ["String"], "description": "String", "group": "String", "id": 42, "name": "String" }

Table 2164: POST /staged_config/remote_services response codes

POST /staged_config/remote_services response codes

HTTP Response Code	Unique Code	Description
201		The new staged remote service was successfully created.

Table 2164: POST /staged_config/remote_services response codes (Continued)

HTTP Response Code	Unique Code	Description
409	1008	The remote service name already exists in the selected group.
422	1005	A request parameter is invalid.
500	1020	An error occurred during the creation of the remote service.

Response Description

The associated new created staged remote service object.

- **id** - Long - The ID of the remote service.
- **name** - String - The name of the remote service.
- **description** - String - The description of the remote service.
- **group** - String - The group the remote service belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote service.

Response Sample

```
{
  "cidrs": [
    "String"
  ],
  "description": "String",
  "group": "String",
  "id": 42,
  "name": "String"
}
```

DELETE /staged_config/remote_services/{service_id}

SUMMARY

Deletes an existing staged remote service.

Deletes an existing staged remote service.

Table 2165: DELETE /staged_config/remote_services/{service_id} resource details

DELETE /staged_config/remote_services/{service_id} resource details

MIME Type

text/plain

Table 2166: DELETE /staged_config/remote_services/{service_id} request parameter details

DELETE /staged_config/remote_services/{service_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
service_id	path	Required	Number (Integer)	text/plain	ID that is used for locating the staged remote service.

Table 2167: DELETE /staged_config/remote_services/{service_id} response codes

DELETE /staged_config/remote_services/{service_id} response codes

HTTP Response Code	Unique Code	Description
204		The staged remote service was successfully deleted.
404	1002	No staged remote service was found for the provided service ID.
500	1020	An error occurred during the deletion of the remote service.

Response Description

Response Sample

GET /staged_config/remote_services/{service_id}

SUMMARY

Retrieves a staged remote service by ID.

Retrieves a staged remote service by ID.

Table 2168: GET /staged_config/remote_services/{service_id} resource details

GET /staged_config/remote_services/{service_id} resource details

MIME Type

application/json

Table 2169: GET /staged_config/remote_services/{service_id} request parameter details

GET /staged_config/remote_services/{service_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
service_id	path	Required	Number (Integer)	text/plain	ID that is used for the retrieval of a staged remote service.

Table 2169: GET /staged_config/remote_services/{service_id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2170: GET /staged_config/remote_services/{service_id} response codes

GET /staged_config/remote_services/{service_id} response codes

HTTP Response Code	Unique Code	Description
200		The staged remote service was successfully retrieved.
404	1002	No staged remote service was found with the provided ID.
500	1020	An error occurred during the retrieval of the remote service.

Response Description

The associated staged remote service object.

- **id** - Long - The ID of the remote service.
- **name** - String - The name of the remote service.
- **description** - String - The description of the remote service.
- **group** - String - The group the remote service belongs to.
- **cids** - Array of <String> - A list of all the CIDR ranges that belong to the remote service.

Response Sample

```
{
  "cidrs": [
    "String"
  ],
  "description": "String",
  "group": "String",
  "id": 42,
  "name": "String"
}
```

POST /staged_config/remote_services/{service_id}

SUMMARY

Updates an existing staged remote service.

Updates an existing staged remote service.

Table 2171: POST /staged_config/remote_services/{service_id} resource details

POST /staged_config/remote_services/{service_id} resource details

MIME Type

application/json

Table 2172: POST /staged_config/remote_services/{service_id} request parameter details

POST /staged_config/remote_services/{service_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
service_id	path	Required	Number (Integer)	text/plain	ID that is used for updating a staged remote service.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2173: POST /staged_config/remote_services/{service_id} request body details

POST /staged_config/remote_services/{service_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
service	Object	application/json	null	{ "cidrs": ["String"], "description": "String", "group": "String", "id": 42, "name": "String" }

Table 2174: POST /staged_config/remote_services/{service_id} response codes

POST /staged_config/remote_services/{service_id} response codes

HTTP Response Code	Unique Code	Description
200		The staged remote service was successfully updated.
404	1002	No staged remote service was found for the provided service ID.
409	1008	The remote service name already exists in the selected group.
422	1005	A request parameter is invalid.

Table 2174: POST /staged_config/remote_services/{service_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred during the update of the remote service.

Response Description

The associated updated staged remote service object.

- **id** - Long - The ID of the remote service.
- **name** - String - The name of the remote service.
- **description** - String - The description of the remote service.
- **group** - String - The group the remote service belongs to.
- **cidrs** - Array of <String> - A list of all the CIDR ranges that belong to the remote service.

Response Sample

```
{
  "cidrs": [
    "String"
  ],
  "description": "String",
  "group": "String",
  "id": 42,
  "name": "String"
}
```

DELETE /staged_config/yara_rules

SUMMARY

Deletes all Yara rules from the JSA system.

Deletes all Yara rules from the JSA system.

Table 2175: DELETE /staged_config/yara_rules resource details

DELETE /staged_config/yara_rules resource details

MIME Type

text/plain

There are no parameters for this endpoint.

Table 2176: DELETE /staged_config/yara_rules response codes

DELETE /staged_config/yara_rules response codes

HTTP Response Code	Unique Code	Description
204		Yara rules were successfully deleted from the system.
500	1020	An error occurred during the attempt to delete the Yara rules.

Response Description

In case of an error, the method returns an exception.

Response Sample

PUT /staged_config/yara_rules

SUMMARY

Uploads the supplied Yara rule file to the JSA system. If the provided Yara file is empty - all rules are deleted from the system.

Uploads the supplied Yara rule file to the JSA system.

Table 2177: PUT /staged_config/yara_rules resource details

PUT /staged_config/yara_rules resource details

MIME Type

text/plain

Table 2178: PUT /staged_config/yara_rules request body details

PUT /staged_config/yara_rules request body details

Parameter	Data Type	MIME Type	Description	Sample
file	File	application/zip	Required - The Yara rule file. Must be properly-formed Yara rule content, either a TEXT file, or a TEXT file within a ZIP or TAR.GZ archive. Must be provided with MIME type text/plain, application/zip, application/x-gzip or multipart/form-data	File

Table 2179: PUT /staged_config/yara_rules response codes

PUT /staged_config/yara_rules response codes

HTTP Response Code	Unique Code	Description
200		The supplied Yara rule file was uploaded.
422	1101	Must be a correctly-formatted Yara rule file.
422	1103	The archive file must only contain a single Yara rule file.
422	1107	Invalid archive file was provided.
500	1104	Failed to extract the contents of the archive file.
500	1105	Yara validator script was terminated owing to timeout.
500	1106	Yara validator script encountered an unknown exception.

Response Description

In case of an error, the method returns an exception.

Response Sample

25

CHAPTER

System Endpoints

System Endpoints | 2271

System Endpoints

SUMMARY

Use the references for REST API 16.0 system endpoints.

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GET /system/about

SUMMARY

Retrieves the current system information

Retrieves the current system information

Table 2180: GET /system/about resource details

GET /system/about resource details

MIME Type
application/json

Table 2181: GET /system/about request parameter details

GET /system/about request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2182: GET /system/about response codes

GET /system/about response codes

HTTP Response Code	Unique Code	Description
200		The current system information.
500	1020	An error occurred during the attempt to retrieve the current system information.

Response Description

current system information

Response Sample

```
{
  "build_version": "String",
  "external_version": "String",
  "fips_enabled": true,
  "release_name": "String"
}
```

GET /system/authorization/password_policies

SUMMARY

Retrieves a list of Password Policies that exist on the system

View a list of all the Password Policies available on the system. Currently this is limited to exactly **1** policy. A policy defines the requirements for passwords that are stored locally, and that will be enforced on login or while creating a new user, or while a user is updating their password.

Table 2183: GET /system/authorization/password_policies resource details

GET /system/authorization/password_policies resource details

MIME Type

application/json

Table 2184: GET /system/authorization/password_policies request parameter details

GET /system/authorization/password_policies request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2185: GET /system/authorization/password_policies response codes

GET /system/authorization/password_policies response codes

HTTP Response Code	Unique Code	Description
200		The Password Policy list was retrieved

Response Description

An array of Password Policy objects. Passwords stored in the system must adhere to the policy. A Password Policy object has the following fields:

- **id** - Number - The ID of the Password Policy
- **minimum_length** - The minimum length that passwords on the system must adhere to
- **variance_rules** - Contains a subset of the following values: UPPER_CASE, LOWER_CASE, NUMBER, OTHER.
- **variance_rules_required_count** - The number of variance_rules that must be met before a password is said to 'pass'. This must be a number between 0 and 4.
- **password_history_size** - The number of password_expiry_intervals that passwords are remembered and not allowed to be reused. Must be greater than 0, or 'null'. For example, with a password_history_size of 3 and a password_expiry_interval of 90 (days), 270 days must pass before a password can be reused. If a user changes their password four times in one day, they still cannot use the first password because 270 days have not passed.
- **password_expiry_interval** - The number of milliseconds before a password must be changed. Setting this field to 'null' means passwords never expire.
- **disallow_repeating_characters** - Set this value to true to disallow more than 2 repeating characters. For example, "abbc" is allowed, where "abbbc" is not.

Response Sample

```
[
  {
    "disallow_repeating_characters": true,
    "id": 42,
    "minimum_length": 42,
    "password_expiry_interval": 42,
    "password_history_size": 42,
    "variance_rules": [
      "String <one of: UPPER_CASE, LOWER_CASE, NUMBER, OTHER>"
    ],
    "variance_rules_required_count": 42
  }
]
```

```

    }
  ]

```

GET /system/authorization/password_policies/{id}

SUMMARY

Retrieves a single Password Policies that exist on the system

View a single Password Policies available on the system. A policy defines the requirements for passwords that are stored locally, and that will be enforced on login or while creating a new user, or while a user is updating their password.

Table 2186: GET /system/authorization/password_policies/{id} resource details

GET /system/authorization/password_policies/{id} resource details

MIME Type

application/json

Table 2187: GET /system/authorization/password_policies/{id} request parameter details

GET /system/authorization/password_policies/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID of the Password Policy to retrieve. This can only be 1

Table 2187: GET /system/authorization/password_policies/{id} request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2188: GET /system/authorization/password_policies/{id} response codes

GET /system/authorization/password_policies/{id} response codes

HTTP Response Code	Unique Code	Description
200		The Password Policy was retrieved
404	1002	When the ID parameter is not 1

Response Description

A single Password Policy object has the following fields:

- **id** - Number - The ID of the Password Policy
- **minimum_length** - The minimum length that passwords on the system must adhere to
- **variance_rules** - Contains a subset of the following values: UPPER_CASE, LOWER_CASE, NUMBER, OTHER.
- **variance_rules_required_count** - The number of variance_rules that must be met before a password is said to 'pass'. This must be a number between 0 and 4.
- **password_history_size** - The number of password_expiry_intervals that passwords are remembered and not allowed to be reused. Must be greater than 0, or 'null'. For example, with a

password_history_size of 3 and a password_expiry_interval of 90 (days), 270 days must pass before a password can be reused. If a user changes their password four times in one day, they still cannot use the first password because 270 days have not passed.

- **password_expiry_interval** - The number of milliseconds before a password must be changed. Setting this field to 'null' means passwords never expire.
- **disallow_repeating_characters** - Set this value to true to disallow more than 2 repeating characters. For example, "abbc" is allowed, where "abbbc" is not.

Response Sample

```
{
  "disallow_repeating_characters": true,
  "id": 42,
  "minimum_length": 42,
  "password_expiry_interval": 42,
  "password_history_size": 42,
  "variance_rules": [
    "String <one of: UPPER_CASE, LOWER_CASE, NUMBER, OTHER>"
  ],
  "variance_rules_required_count": 42
}
```

POST /system/authorization/password_policies/{id}

SUMMARY

Update a single Password Policies available on the system. This policy defines the requirements for passwords that are stored locally, and that will be enforced on login or while creating a new user, or while a user is updating their password.

Table 2189: POST /system/authorization/password_policies/{id} resource details

POST /system/authorization/password_policies/{id} resource details

MIME Type
application/json

Table 2190: POST /system/authorization/password_policies/{id} request parameter details

POST /system/authorization/password_policies/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	Required. The ID of the Password Policy to retrieve. This can only be 1
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2191: POST /system/authorization/password_policies/{id} request body details

POST /system/authorization/password_policies/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
policy	Object	application/ json	<p>Required. A single Password Policy object has the following modifiable fields:</p> <ul style="list-style-type: none"> • minimum_length - The minimum length that passwords on the system must adhere to • variance_rules - Contains a subset of the following values: UPPER_CASE, LOWER_CASE, NUMBER, OTHER. • variance_rules_required_count - The number of variance_rules that must be met before a password is said to 'pass'. This must be a number between 0 and 4. • password_history_size - The number of password_expiry_intervals that passwords are remembered and not allowed to be reused. Must be greater than 0, or 'null'. For example, with a password_history_size of 3 and a password_expiry_interval of 90 (days), 270 days must pass before a password can be reused. If a user changes their password four times in one day, they still cannot use the first password because 270 days have not passed. 	<pre>{ "disallow_repeating_characters": true, "minimum_length": 42, "password_expiry_interval": 42, "password_history_size": 42, "variance_rules": ["String <one of: UPPER_CASE, LOWER_CASE, NUMBER, OTHER>"], "variance_rules_required_count": 42 }</pre>

Table 2191: POST /system/authorization/password_policies/{id} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> password_expiry_interval - The number of milliseconds before a password must be changed. Setting this field to 'null' means passwords never expire. disallow_repeating_characters - Set this value to true to disallow more than 2 repeating characters. For example, "abbc" is allowed, where "abbbc" is not. <p>Any other set fields will be ignored.</p>	

Table 2192: POST /system/authorization/password_policies/{id} response codes

POST /system/authorization/password_policies/{id} response codes

HTTP Response Code	Unique Code	Description
200		The Password Policy was updated
404	1002	The password policy does not exist
422	1010	The minimum_length field is invalid
422	1011	The variance_rules_required_count field is invalid
422	1012	The password_history_size and the password_expiry_interval are not set correctly. Either both must be set, or both must be set to null
422	1014	The truncated value password_expiry_interval is 0

Response Description

The resulting Password Policy with the following fields:

- **id** - Number - The ID of the Password Policy
- **minimum_length** - The minimum length that passwords on the system must adhere to
- **variance_rules** - Contains a subset of the following values: UPPER_CASE, LOWER_CASE, NUMBER, OTHER.
- **variance_rules_required_count** - The number of variance_rules that must be met before a password is said to 'pass'. This must be a number between 0 and 4.
- **password_history_size** - The number of password_expiry_intervals that passwords are remembered and not allowed to be reused. Must be greater than 0, or 'null'. For example, with a password_history_size of 3 and a password_expiry_interval of 90 (days), 270 days must pass before a password can be reused. If a user changes their password four times in one day, they still cannot use the first password because 270 days have not passed.
- **password_expiry_interval** - The number of milliseconds before a password must be changed. Setting this field to 'null' means passwords never expire. The password_expiry_interval field will be truncated to milliseconds in a day.
- **disallow_repeating_characters** - Set this value to true to disallow more than 2 repeating characters. For example, "abbc" is allowed, where "abbbc" is not.

Response Sample

```
{
  "disallow_repeating_characters": true,
  "id": 42,
  "minimum_length": 42,
  "password_expiry_interval": 42,
  "password_history_size": 42,
  "variance_rules": [
    "String <one of: UPPER_CASE, LOWER_CASE, NUMBER, OTHER>"
  ],
  "variance_rules_required_count": 42
}
```

POST /system/authorization/password_validators

SUMMARY

Creates a new password validator for the provided password based on the current Password Policy.

Creates a new user password validator. Password validators are used to determine if a password passes the password policy. If it does not pass the policy, it gives feedback on why the password did not pass the policy. The validator is returned in the response from the server. The validator or the password is not persisted.

Table 2193: POST /system/authorization/password_validators resource details

POST /system/authorization/password_validators resource details

MIME Type

application/json

Table 2194: POST /system/authorization/password_validators request parameter details

POST /system/authorization/password_validators request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2195: POST /system/authorization/password_validators request body details

POST /system/authorization/password_validators request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	<p>Only password field on the password validator is modifiable. All other fields are ignored.</p> <ul style="list-style-type: none"> • password - String - The password that the validator will validate. • ignore_history - Boolean - If the ignore history is set to true, a new password validator ignores the password history rule. If the ignore history is set to false, a new password validator will check the password history rule. The default is false if the ignore history is not provided. 	<pre>{ "disallow_repeating_characters_rule_passed": true, "ignore_history": true, "minimum_length_rule_passed": true, "password": "String", "password_history_size_rule_passed": true, "provided_password_length": 42, "variance_rules_failed": ["String <one of: UPPER_CASE, LOWER_CASE, NUMBER, OTHER>"], "variance_rules_passed": ["String <one of: UPPER_CASE, LOWER_CASE, NUMBER, OTHER>"], "variance_rules_required_count_passed": true }</pre>

Table 2196: POST /system/authorization/password_validators response codes

POST /system/authorization/password_validators response codes

HTTP Response Code	Unique Code	Description
200		response with the password validator. The successful 200 response is returned regardless if the password passed the validation or not. The 200 response indicates the validation was performed. Details of the validation will be in the returned password validator structure.
422	38312001	The password must not be null

Response Description

A Password Validator with the following fields:

- **password** - Caller is required to set this field when creating a new user password validator. This field is always null in every server response.
- **ignore_history** - If the ignore history is set to true, a new password validator ignores the password history rule. If the ignore history is set to false, a new password validator will check the password history rule. The default is false if the ignore history is not provided.
- **minimum_length_rule_passed** - Indicates if the provided password passed the minimum length rule from the password policy. Set to null if the minimum length rule from the password policy is not enabled.
- **provided_password_length** - The number of unicode characters in the provided password.
- **variance_rules_required_count_passed** - Indicates if the provided password passed the variance count rule from the password policy. Set to null if the variance count rule is not enabled.
- **variance_rules_passed** - Lists the variance rules that the provided password passed. Set to null if the variance count rule is not enabled.
- **variance_rules_failed** - Lists the variance rules that the provided password failed. Set to null if the variance count rule is not enabled.
- **password_history_size_rule_passed** - Indicates if the provided password passed the password history rule. Set to null if the password history rule is not enabled.
- **disallow_repeating_characters_rule_passed** - Indicates if the provided password passed the repeating characters rule. Set to null if the repeating characters rule is not enabled.

Response Sample

```
{
  "disallow_repeating_characters_rule_passed": true,
  "ignore_history": true,
  "minimum_length_rule_passed": true,
  "password": "String",
  "password_history_size_rule_passed": true,
  "provided_password_length": 42,
  "variance_rules_failed": [
```



```
    "String <one of: UPPER_CASE, LOWER_CASE, NUMBER, OTHER>"
  ],
  "variance_rules_passed": [
    "String <one of: UPPER_CASE, LOWER_CASE, NUMBER, OTHER>"
  ],
  "variance_rules_required_count_passed": true
}
```

GET /system/authorization/settings

SUMMARY

Retrieves the current Authentication Settings.

Gets the Authentication Settings for the system. These settings apply to all methods of authentication with the following exceptions.

These settings are not available if SAML authentication is being used:

- logon_message
- allow_logon_page_password_autocomplete
- persistent_session_timeout
- ip_whitelist
- host_lockout
- account_lockout

Table 2197: GET /system/authorization/settings resource details

GET /system/authorization/settings resource details

MIME Type

application/json

Table 2198: GET /system/authorization/settings request parameter details

GET /system/authorization/settings request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2199: GET /system/authorization/settings response codes

GET /system/authorization/settings response codes

HTTP Response Code	Unique Code	Description
200		The settings were retrieved.

Response Description

Returns the settings.

- **inactivity_timeout** - Long - The length of time, in milliseconds, of inactivity before the UI will log out a user. This value is truncated to minutes.
- **persistent_session_timeout** - Long - The length of time, in milliseconds, that a user session is persisted. This value is truncated to minutes.
- **concurrent_session_limit** - Long - The number of times a single user can be logged in simultaneously.
- **ip_whitelist** - Array<String> - The list of IPv4 or IPv6 addresses that are exempt from being locked out of the system.
- **host_lockout** - Object - The host_lockout represents specific lockout settings for failed login attempts from a single source. If multiple failed login attempts from a single host are detected, that host will

not be allowed to make additional login attempts for a period of time. To disable the `host_lockout`, set this field to null.

- **host_lockout.maximum_failures** - Long - The maximum number of failed login attempts during the `attempt_window`.
- **host_lockout.attempt_window** - Long - The length of time, in milliseconds, during which a maximum number of login failures can occur before the system is locked. This value is truncated to minutes.
- **host_lockout.duration** - Long - The length of time, in milliseconds, that the system is locked if the maximum login failures value is exceeded. This value is truncated to minutes.
- **account_lockout** - Object - The `account_lockout` represents specific lockout settings for failed login attempts for a single account. If multiple failed login attempts for a single account are detected, that account will not be allowed to make additional login attempts for a period of time. To disable the `account_lockout`, set this field to null.
 - **account_lockout.maximum_failures** - Long - The maximum number of failed login attempts during the `attempt_window`.
 - **account_lockout.attempt_window** - Long - The length of time, in milliseconds, during which a maximum number of login failures can occur before the system is locked. This value is truncated to minutes.
 - **account_lockout.duration** - Long - The length of time, in milliseconds, that the system is locked if the maximum login failures value is exceeded. This value is truncated to minutes.
- **logon_message** - String - The message that will appear on the logon page. *If this field is unset (null) then `require_logon_message_acceptance` is set to `false`.*
- **require_logon_message_acceptance** - Boolean - Set this option to require a user to "accept" the message on the logon page before being allowed to authenticate. This field is ignored if `logon_message` is not set.
- **allow_logon_page_password_autocomplete** - Boolean - Select this option to enable the browser autocomplete option for the logon page password field. Disabling this option might not prevent some password managers from autocompleting the password field.
- **display_login_history_after_login** - Enumeration: <ALWAYS|NEVER> - Set this option to have a Login History interstitial pop up after login. Values are:
 - **ALWAYS** - Always show the Login History interstitial
 - **NEVER** - Never show the Login History interstitial
- **login_history_retention** - Long - The length of time, in milliseconds, that the Login History is retained. This value is truncated to days.

- **authorized_service_default_max_expiration** - Long - The length of time, in milliseconds, that authorized services are active before expiring by default. This value is truncated to days, and cannot be set to null.

Response Sample

```
{
  "account_lockout": {
    "attempt_window": 42,
    "duration": 42,
    "maximum_failures": 42
  },
  "allow_logon_page_password_autocomplete": true,
  "authorized_service_default_max_expiration": 42,
  "concurrent_session_limit": 42,
  "display_login_history_after_login": "String <one of: ALWAYS, NEVER>",
  "host_lockout": {
    "attempt_window": 42,
    "duration": 42,
    "maximum_failures": 42
  },
  "inactivity_timeout": 42,
  "ip_whitelist": [
    "String"
  ],
  "login_history_retention": 42,
  "logon_message": "String",
  "persistent_session_timeout": 42,
  "require_logon_message_acceptance": true
}
```

POST /system/authorization/settings

SUMMARY

Updates the Authentication Settings.

Updates the Authentication Settings. Changes to these values take effect immediately, but are not retroactive. For example, a change to the `inactivity_timeout` setting will not change the inactivity timeout for currently logged in users.

When setting the `account_lockout` and `host_lockout` fields simultaneously, consider how they will operate. e.g. if the account based lockout configuration is less restrictive than the host based lockout configuration, a single host will be able to attempt to log in with multiple accounts before the IP address of the caller is locked out. Also, if users of the system are behind a proxy, consider disabling the host based lockout and enabling the account based lockout.

Table 2200: POST /system/authorization/settings resource details

POST /system/authorization/settings resource details

MIME Type

application/json

Table 2201: POST /system/authorization/settings request parameter details

POST /system/authorization/settings request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2202: POST /system/authorization/settings request body details

POST /system/authorization/settings request body details

Parameter	Data Type	MIME Type	Description	Sample
body	Object	application/json	The new Authentication Settings.	<pre>{ "account_lockout": { "attempt_window": 42, "duration": 42, "maximum_failures": 42 }, "allow_logon_page_password_autocomplete": true, "authorized_service_default_max_expiration": 42, "concurrent_session_limit": 42, "display_login_history_after_login": "String <one of: ALWAYS, NEVER>", "host_lockout": { "attempt_window": 42, "duration": 42, "maximum_failures": 42 }, "inactivity_timeout": 42, "ip_whitelist": ["String"], "login_history_retention": 42, "logon_message": "String", "persistent_session_timeout": 42, "require_logon_message_acceptance": true }</pre>

Table 2203: POST /system/authorization/settings response codes

POST /system/authorization/settings response codes

HTTP Response Code	Unique Code	Description
200		The settings were updated.
422	56201001	The value in the inactivity_timeout field must be a positive integer

Table 2203: POST /system/authorization/settings response codes (Continued)

HTTP Response Code	Unique Code	Description
422	56201002	The value in the persistent_session_timeout field must be a positive integer
422	56201003	The value in the concurrent_session_limit field must be a positive integer
422	56201004	The value in the host_lockout.maximum_failures field must be a positive integer
422	56201005	The value in the host_lockout.attempt_window field must be a positive integer
422	56201006	The value in the host_lockout.duration field must be a positive integer
422	56201007	The host_lockout settings was partially set. All settings must be enabled or disabled, but a field was null
422	56201008	The value in the account_lockout.maximum_failures field must be a positive integer
422	56201009	The value in the account_lockout.attempt_window field must be a positive integer
422	56201010	The value in the account_lockout.duration field must be a positive integer
422	56201011	The account_lockout settings was partially set. All settings must be enabled or disabled, but a field was null
422	56201012	The value in the login_history_retention field must be a positive integer

Table 2203: POST /system/authorization/settings response codes (Continued)

HTTP Response Code	Unique Code	Description
422	56201013	The values in the ip_whitelist field could not all be parsed as IP addresses
422	56201014	The logon_message field cannot be an empty string
422	56201015	The require_logon_message_acceptance field must be set if the logon_message field is set
422	56201016	The value in the authorized_service_default_max_expiration field must be a positive integer
422	56201017	The value in the authorized_service_default_max_expiration field must not be null

Response Description

Returns updated the settings.

- **inactivity_timeout** - Long - The length of time, in milliseconds, of inactivity before the UI will log out a user. This value is truncated to minutes.
- **persistent_session_timeout** - Long - The length of time, in milliseconds, that a user session is persisted. This value is truncated to minutes.
- **concurrent_session_limit** - Long - The number of times a single user can be logged in simultaneously.
- **ip_whitelist** - Array<String> - The list of IPv4 or IPv6 addresses that are exempt from being locked out of the system.
- **host_lockout** - Object - The host_lockout represents specific lockout settings for failed login attempts from a single source. If multiple failed login attempts from a single host are detected, that host will not be allowed to make additional login attempts for a period of time. To disable the host_lockout, set this field to null.
 - **host_lockout.maximum_failures** - Long - The maximum number of failed login attempts during the attempt_window.

- **host_lockout.attempt_window** - Long - The length of time, in milliseconds, during which a maximum number of login failures can occur before the system is locked. This value is truncated to minutes.
- **host_lockout.duration** - Long - The length of time, in milliseconds, that the system is locked if the maximum login failures value is exceeded. This value is truncated to minutes.
- **account_lockout** - Object - The `account_lockout` represents specific lockout settings for failed login attempts for a single account. If multiple failed login attempts for a single account are detected, that account will not be allowed to make additional login attempts for a period of time. To disable the `account_lockout`, set this field to null.
 - **account_lockout.maximum_failures** - Long - The maximum number of failed login attempts during the `attempt_window`.
 - **account_lockout.attempt_window** - Long - The length of time, in milliseconds, during which a maximum number of login failures can occur before the system is locked. This value is truncated to minutes.
 - **account_lockout.duration** - Long - The length of time, in milliseconds, that the system is locked if the maximum login failures value is exceeded. This value is truncated to minutes.
- **logon_message** - String - The message that will appear on the logon page. *If this field is unset (null) then `require_logon_message_acceptance` is set to `false`.*
- **require_logon_message_acceptance** - Boolean - Set this option to require a user to "accept" the message on the logon page before being allowed to authenticate. This field is ignored if `logon_message` is not set.
- **allow_logon_page_password_autocomplete** - Boolean - Select this option to enable the browser autocomplete option for the logon page password field. Disabling this option might not prevent some password managers from autocompleting the password field.
- **display_login_history_after_login** - Enumeration: <ALWAYS|NEVER> - Set this option to have a Login History interstitial pop up after login. Values are:
 - **ALWAYS** - Always show the Login History interstitial
 - **NEVER** - Never show the Login History interstitial
- **login_history_retention** - Long - The length of time, in milliseconds, that the Login History is retained. This value is truncated to days.
- **authorized_service_default_max_expiration** - Long - The length of time, in milliseconds, that authorized services are active before expiring by default. This value is truncated to days, and cannot be set to null.

Response Sample

```
{
  "account_lockout": {
    "attempt_window": 42,
    "duration": 42,
    "maximum_failures": 42
  },
  "allow_logon_page_password_autocomplete": true,
  "authorized_service_default_max_expiration": 42,
  "concurrent_session_limit": 42,
  "display_login_history_after_login": "String <one of: ALWAYS, NEVER>",
  "host_lockout": {
    "attempt_window": 42,
    "duration": 42,
    "maximum_failures": 42
  },
  "inactivity_timeout": 42,
  "ip_whitelist": [
    "String"
  ],
  "login_history_retention": 42,
  "logon_message": "String",
  "persistent_session_timeout": 42,
  "require_logon_message_acceptance": true
}
```

GET /system/email_servers

SUMMARY

Retrieves a list of all email servers.

Table 2204: GET /system/email_servers resource details

GET /system/email_servers resource details

MIME Type
application/json

Table 2205: GET /system/email_servers request parameter details

GET /system/email_servers request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2206: GET /system/email_servers response codes

GET /system/email_servers response codes

HTTP Response Code	Unique Code	Description
200		The requested list of email server records was successfully retrieved.
500	1000	Problem encountered while attempting to read the database.
500	1001	Problem encountered while attempting to read the default email server from the database.

Response Description

A list of the email servers. An email server record that contains the following fields:

- **id** - Number - ID of the email server.
- **description** - String - Description identifying the email server.
- **hostname** - String - Hostname of the email server.
- **port** - Number - Port to connect to the email server with.
- **username** - String - User name to authenticate with the email server.
- **password** - String - Password to authenticate with the email server.
- **enable_tls** - Boolean - Whether to ignore TLS verification errors to the email server.

Response Sample

```
[
  {
    "default": true,
    "description": "String",
    "enable_tls": true,
    "hostname": "String",
```

```
    "id": 42,  
    "password": "String",  
    "port": 42,  
    "username": "String"  
  }  
]
```

POST /system/email_servers

SUMMARY

Creates a new email server.

Table 2207: POST /system/email_servers resource details

POST /system/email_servers resource details

MIME Type
application/json

Table 2208: POST /system/email_servers request body details

POST /system/email_servers request body details

Parameter	Data Type	MIME Type	Description	Sample
email_server_details	Object	application/json	<p>Required - An email server details record that contains the following fields:</p> <ul style="list-style-type: none"> • description - String - Description identifying the email server. • hostname - String - Hostname of the email server. • port - Number - Port to connect to the email server with. • username - String - User name to authenticate with the email server. • password - String - Password to authenticate with the email server. • enable_tls - Boolean - Whether to ignore TLS verification errors to the email server. 	<pre>{ "default": true, "description": "String", "enable_tls": true, "hostname": "String", "password": "String", "port": 42, "username": "String" }</pre>

Table 2209: POST /system/email_servers response codes

POST /system/email_servers response codes

HTTP Response Code	Unique Code	Description
201		The email server record was created.
409	4011	An email server with the same hostname, port and username already exists.
422	4000	The required field hostname was not given.

Table 2209: POST /system/email_servers response codes (Continued)

HTTP Response Code	Unique Code	Description
422	4001	The hostname is an IP address.
422	4002	The hostname cannot be longer than 255 characters.
422	4003	The username cannot be longer than 255 characters.
422	4004	The password cannot be longer than 255 characters.
422	4005	Problem encountered while encrypting email server password.
422	4006	Port must be bewtween 1 and 65535 inclusive.
422	4007	The default value can only be set to true.
422	4010	The description cannot be longer than 255 characters.
422	4014	The username cannot contain spaces or quotes.
422	4015	Username or password not given while creating either field for email server.
422	4016	null
500	4008	Problem encountered while updating default email server database entry.
500	4009	Problem encountered while attempting to read the default email server from the database.
500	4012	Problem encountered while creating new EmailServer database entry.

Table 2209: POST /system/email_servers response codes (Continued)

HTTP Response Code	Unique Code	Description
500	4013	Problem encountered while attempting to read the database.

Response Description

The created email server record that contains the following fields:

- **id** - Number - ID of the email server.
- **description** - String - Description identifying the email server.
- **hostname** - String - Hostname of the email server.
- **port** - Number - Port to connect to the email server with.
- **username** - String - User name to authenticate with the email server.
- **password** - String - Password to authenticate with the email server.
- **enable_tls** - Boolean - Whether to ignore TLS verification errors to the email server.

Response Sample

```
{
  "default": true,
  "description": "String",
  "enable_tls": true,
  "hostname": "String",
  "id": 42,
  "password": "String",
  "port": 42,
  "username": "String"
}
```


DELETE /system/email_servers/{email_server_id}

SUMMARY

Deletes an email server.

Table 2210: DELETE /system/email_servers/{email_server_id} resource details

DELETE /system/email_servers/{email_server_id} resource details

MIME Type

text/plain

Table 2211: DELETE /system/email_servers/{email_server_id} request parameter details

DELETE /system/email_servers/{email_server_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
email_server_id	path	Required	Number (Integer)	text/plain	Required - The id of the email server

Table 2212: DELETE /system/email_servers/{email_server_id} response codes

DELETE /system/email_servers/{email_server_id} response codes

HTTP Response Code	Unique Code	Description
204		The server record was removed.
404	5000	The email server does not exist.
409	5001	Cannot remove the default email server.

Table 2212: DELETE /system/email_servers/{email_server_id} response codes *(Continued)*

HTTP Response Code	Unique Code	Description
409	5003	Cannot remove an email server that is assigned a host.
500	5002	Problem encountered while attempting to read the default email server from the database.

Response Description

Response Sample

GET /system/email_servers/{email_server_id}

SUMMARY

Retrieves an email server based on the supplied email server ID.

Table 2213: GET /system/email_servers/{email_server_id} resource details

GET /system/email_servers/{email_server_id} resource details

MIME Type

application/json

Table 2214: GET /system/email_servers/{email_server_id} request parameter details

GET /system/email_servers/{email_server_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
email_server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2215: GET /system/email_servers/{email_server_id} response codes

GET /system/email_servers/{email_server_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested email server record was retrieved.
404	2000	The email server does not exist.
500	2001	Problem encountered while attempting to read the default email server from the database.

Response Description

An email server record that contains the following fields:

- **id** - Number - ID of the email server.
- **description** - String - Description of the email server.
- **hostname** - String - Hostname of the email server.
- **port** - Number - Port to connect to the email server with.
- **username** - String - User name to authenticate with the email server.
- **password** - String - Password to authenticate with the email server.
- **enable_tls** - Boolean - Whether to ignore TLS verification errors to the email server.

Response Sample

```
{
  "default": true,
  "description": "String",
  "enable_tls": true,
  "hostname": "String",
  "id": 42,
  "password": "String",
  "port": 42,
  "username": "String"
}
```

POST /system/email_servers/{email_server_id}

SUMMARY

Updates an existing email server.

Table 2216: POST /system/email_servers/{email_server_id} resource details

POST /system/email_servers/{email_server_id} resource details

MIME Type
application/json

Table 2217: POST /system/email_servers/{email_server_id} request parameter details

POST /system/email_servers/{email_server_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
email_server_id	path	Required	Number (Integer)	text/plain	Required - The id of the email server to get.

Table 2218: POST /system/email_servers/{email_server_id} request body details

POST /system/email_servers/{email_server_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
email_server_details	Object	application/json	<p>Required - An email server details record that contains the following fields:</p> <ul style="list-style-type: none"> • description - String - Description of the email server. • hostname - String - Hostname of the email server. • port - Number - Port to connect to the email server with. • username - String - User name to authenticate with the email server. • password - String - Password to authenticate with the email server. • enable_tls - Boolean - Whether to ignore TLS verification errors to the email server. 	<pre>{ "default": true, "description": "String", "enable_tls": true, "hostname": "String", "password": "String", "port": 42, "username": "String" }</pre>

Table 2219: POST /system/email_servers/{email_server_id} response codes

POST /system/email_servers/{email_server_id} response codes

HTTP Response Code	Unique Code	Description
200		The email server record was updated.
404	3000	The email server does not exist.
409	3010	An email server with the same hostname, port and username already exists.

Table 2219: POST /system/email_servers/{email_server_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
422	3001	The hostname cannot be longer than 255 characters.
422	3002	The hostname is an IP address.
422	3003	Port must be bewtween 1 and 65535 inclusive.
422	3004	The username cannot be longer than 255 characters.
422	3005	The password cannot be longer than 255 characters.
422	3006	The description cannot be longer than 255 characters.
422	3007	The default value can only be set to true.
422	3013	The username cannot contain spaces or quotes.
422	3014	Username or password not given while updating either field for email server.
422	3016	null
500	3008	Problem encountered while updating default email server database entry.
500	3009	Problem encountered while attempting to read the default email server from the database.
500	3011	Problem encountered while encrypting email server password.
500	3012	Problem encountered while attempting to read the database.

Table 2219: POST /system/email_servers/{email_server_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	3015	Failed to notify the hosts affected by this update that they should update their email server settings.

Response Description

The updated server record that contains the following fields:

- **id** - Number - ID of the email server.
- **description** - String - Description of the email server.
- **hostname** - String - Hostname of the email server.
- **port** - Number - Port to connect to the email server with.
- **username** - String - User name to authenticate with the email server.
- **password** - String - Password to authenticate with the email server.
- **enable_tls** - Boolean - Whether to ignore TLS verification errors to the email server.

Response Sample

```
{
  "default": true,
  "description": "String",
  "enable_tls": true,
  "hostname": "String",
  "id": 42,
  "password": "String",
  "port": 42,
  "username": "String"
}
```


GET /system/eula_acceptances

SUMMARY

Retrieves the list of EULA acceptance statuses that the caller has permission to see.

Retrieves the list of EULA acceptance statuses that the caller has permission to see. All users are able to call this endpoint, but will only see the EULA Acceptance resource that corresponds to them.

Table 2220: GET /system/eula_acceptances resource details

GET /system/eula_acceptances resource details

MIME Type

application/json

There are no parameters for this endpoint.

Table 2221: GET /system/eula_acceptances response codes

GET /system/eula_acceptances response codes

HTTP Response Code

Unique Code

Description

200

The EULA list was retrieved.

Response Description

The list of EULA acceptances that the calling user is authorized to see.

- **id** - Long - The ID of the EULA Acceptance.
- **accepted_eula** - Boolean - Indicates if the EULA has been accepted.

Response Sample

```
[
  {
    "accepted_eula": true,
    "id": 42
  }
]
```

GET /system/eula_acceptances/{id}

SUMMARY

Retrieves an individual EULA Acceptance by id.

Retrieves an individual EULA Acceptance resource by id. All users are able to call this endpoint, but will only see the EULA Acceptance resource that corresponds to them.

Table 2222: GET /system/eula_acceptances/{id} resource details

GET /system/eula_acceptances/{id} resource details

MIME Type

application/json

Table 2223: GET /system/eula_acceptances/{id} request parameter details

GET /system/eula_acceptances/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the EULA Acceptance to retrieve.

Table 2224: GET /system/eula_acceptances/{id} response codes

GET /system/eula_acceptances/{id} response codes

HTTP Response Code	Unique Code	Description
200		The EULA Acceptance was retrieved.
404	79302002	The EULA Acceptance id does not exist.
500	79302001	There was an unexpected error looking for the requested EULA Acceptance.

Response Description

A specific EULA Acceptance for the requested ID.

- **id** - Long - The ID of the acceptance DTO.
- **accepted_eula** - Boolean - Indicates if the EULA has been accepted. If this value is false, access to the system is restricted.

Response Sample

```
{
  "accepted_eula": true,
  "id": 42
}
```

POST /system/eula_acceptances/{id}

SUMMARY

Updates an individual EULA acceptance.

All users are able to call this endpoint, may only update the EULA Acceptance resource that corresponds to them.

Table 2225: POST /system/eula_acceptances/{id} resource details

POST /system/eula_acceptances/{id} resource details

MIME Type

application/json

Table 2226: POST /system/eula_acceptances/{id} request parameter details

POST /system/eula_acceptances/{id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
id	path	Required	Number (Integer)	text/plain	The ID of the EULA Acceptance to update.
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2227: POST /system/eula_acceptances/{id} request body details

POST /system/eula_acceptances/{id} request body details

Parameter	Data Type	MIME Type	Description	Sample
data	Object	application/json	<p>The updated EULA Acceptance structure.</p> <ul style="list-style-type: none"> • id - Long - The ID of the EULA Acceptance to update. • accepted_eula - Boolean - Indicates if the EULA has been accepted. If this value is false, access to the system is restricted. 	{ "accepted_eula": true, "id": 42 }

Table 2228: POST /system/eula_acceptances/{id} response codes

POST /system/eula_acceptances/{id} response codes

HTTP Response Code	Unique Code	Description
200		The EULA Acceptance was updated.
403	79303003	The EULA Acceptance cannot be updated before viewing the EULA. See the /api/system/eulas endpoint for more information.
404	79303002	The EULA Acceptance id does not exist.
500	79303001	There was an unexpected problem updating EULA Acceptance information.

Response Description

The updated EULA Acceptance structure.

- **id** - Long - The ID of the EULA Acceptance to update.
- **accepted_eula** - Boolean - Indicates if the EULA has been accepted. If this value is false, access to the system is restricted.

Response Sample

```
{
  "accepted_eula": true,
  "id": 42
}
```

GET /system/eulas

SUMMARY

Retrieves a list of EULAs.

Retrieves a list of EULAs. All users are able to call this endpoint.

Table 2229: GET /system/eulas resource details

GET /system/eulas resource details

MIME Type

application/json

There are no parameters for this endpoint.

Table 2230: GET /system/eulas response codes

GET /system/eulas response codes

HTTP Response Code

Unique Code

Description

200

The EULA list was retrieved.

Table 2230: GET /system/eulas response codes (Continued)

HTTP Response Code	Unique Code	Description
500	79301001	There was an unexpected error loading the EULAs.

Response Description

All the available EULAs on the system, tagged with the language it's translated in

- **locale_id** - String - The Locale ID associated with this EULA translation.
- **eula_text** - String - The EULA text, translated for the indicated locale.

Response Sample

```
[
  {
    "eula_text": "String",
    "locale_id": "String"
  }
]
```

GET /system/information/encodings

SUMMARY

Retrieves the list of encodings that are supported by the system for event data..

Table 2231: GET /system/information/encodings resource details

GET /system/information/encodings resource details

MIME Type
application/json

Table 2232: GET /system/information/encodings request parameter details

GET /system/information/encodings request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2233: GET /system/information/encodings response codes

GET /system/information/encodings response codes

HTTP Response Code	Unique Code	Description
200		The encodings were retrieved successfully.
500	1020	An error occurred during the attempt to retrieve the encodings.

Response Description

The list of encodings available on the system. A encoding contains the following fields:

- **id** - String - The name/descriptor that identifies the character encoding. Not localized.

Response Sample

```
[
  {
    "id": "String"
  }
]
```

GET /system/information/locales

SUMMARY

Retrieve Locales.

Retrieves a list of all available locales. This endpoint is available to be called by every user or authorized service.

Table 2234: GET /system/information/locales resource details

GET /system/information/locales resource details

MIME Type
application/json

Table 2235: GET /system/information/locales request parameter details

GET /system/information/locales request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
sample_type	query	Optional	String	text/plain	null
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
sort	query	Optional	String	text/plain	Optional - This parameter is used to sort the elements in a list.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2236: GET /system/information/locales response codes

GET /system/information/locales response codes

HTTP Response Code	Unique Code	Description
200		The locales were retrieved.
422	38315001	Field in sort parameter does not exist.
422	38315002	Sorting not supported on field in sort parameter.
500	1020	An unexpected error has occurred.

Response Description

Returns an array of locale structures.

- **id** - String - The Internet Engineering Task Force (IETF) language tag of the locale.
- **label** - String - The localized name of the locale.
- **label_in_own_locale** - String - The name for the language in its own language form.
- **has_translation** - boolean - Indicates if a translation exists for the locale.
- **sample** - String - The type of the sample requested along with the locales. The only supported type of sample is NUMBER.

Response Sample

```
[
  {
    "id": "sq",
    "label": "Albanian",
    "label_in_own_locale": "shqip",
```

```

    "has_translation": "false",
    "sample": "1 234 567,89",

  },
  {
    "id": "sq-AL",
    "label": "Albanian (Albania)",
    "label_in_own_locale": "shqip (Shqipëria)",
    "has_translation": "false",
    "sample": "1 234 567,89"
  },
  {
    "id": "ar",
    "label": "Arabic",
    "label_in_own_locale": "العربية",
    "has_translation": "false",
    "sample": "١,٢٣٤,٥٦٧,٨٩"
  },
  {
    "id": "ar-DZ",
    "label": "Arabic (Algeria)",
    "label_in_own_locale": "(العربية الجزائرية)",
    "has_translation": "false",
    "sample": "1.234.567,89"
  },
  {
    "id": "ar-BH",
    "label": "Arabic (Bahrain)",
    "label_in_own_locale": "(العربية البحرين)",
    "has_translation": "false",
    "sample": "١,٢٣٤,٥٦٧,٨٩"
  }
]

```

POST /system/server_connection_validator

SUMMARY

Creates a server connection validator for the provided hostname and port, based on the provided host ids.

Creates a new server connection validator. Server connection validator is used to determine if a server in the deployment can connect to a given hostname and port. If a server does not have access to the hostname and port, it gives feedback on why the connection was not possible. The validator for each server in the deployment is returned in the response from the server. The validator or the hostname/port is not persisted.

Table 2237: POST /system/server_connection_validator resource details

POST /system/server_connection_validator resource details

MIME Type

application/json

Table 2238: POST /system/server_connection_validator request parameter details

POST /system/server_connection_validator request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2239: POST /system/server_connection_validator request body details

POST /system/server_connection_validator request body details

Parameter	Data Type	MIME Type	Description	Sample
request_details	Object	application/json	<ul style="list-style-type: none"> • hostname - String - The hostname to attempt a connection to. • port - Integer - The port to attempt a connection to. • hosts - List<Host> - List of Hosts to perform the connection check on. Defaults to all active hosts in the deployment. <ul style="list-style-type: none"> • id - ID of the host. 	{ "hostname": "String", "hosts": [{ "connection_result": "String <one of: SUCCESS, MANAGEDHOST_UNREACHABLE, UNREACHABLE>", "id": 42 }], "port": 42 }

Table 2240: POST /system/server_connection_validator response codes

POST /system/server_connection_validator response codes

HTTP Response Code	Unique Code	Description
200		response with a server connection validator. The successful 200 response is returned regardless if any connection checks passed the validation or not. The 200 response indicates the validation was performed. Details of the validation will be in the returned validator structure.
422	1001	The hostname is not well formed.
422	1002	The port must be between 1 and 65535 (inclusive).
422	1003	One of the given host IDs were not valid
422	1004	One of the specified hosts were not Active
500	1005	Encountered a server processing error while attempting to fetch deployment information.

Table 2240: POST /system/server_connection_validator response codes (*Continued*)

HTTP Response Code	Unique Code	Description
500	1006	Encountered a server error while performing the connection validation.

Response Description

A Server Connection Validator with the following fields:

- **hostname** - The hostname the connection was attempted to.
- **port** - The port the connection was attempted to.
- **hosts** - The hosts connection information. Each host contains the following information:
 - **id** - The host ID the connection was attempted on.
 - **connection_result** - Enum representing the connection status. SUCCESS, UNREACHABLE, MANAGEDHOST_UNREACHABLE

Response Sample

```
{
  "hostname": "String",
  "hosts": [
    {
      "connection_result": "String <one of: SUCCESS, MANAGEDHOST_UNREACHABLE,
UNREACHABLE>",
      "id": 42
    }
  ],
  "port": 42
}
```

GET /system/servers

SUMMARY

Retrieves a list of all server hosts in the deployment.

Table 2241: GET /system/servers resource details

GET /system/servers resource details

MIME Type

application/json

Table 2242: GET /system/servers request parameter details

GET /system/servers request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2242: GET /system/servers request parameter details (*Continued*)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2243: GET /system/servers response codes

GET /system/servers response codes

HTTP Response Code	Unique Code	Description
200		The requested list of server records was successfully retrieved.
500	1020	An error occurred while trying to retrieve the requested servers.

Response Description

A list of the servers. A server record that contains the following fields:

- **hostname** - String - hostname.
- **managed_host_id** - Number - ID of the managed host that the server host belongs to
- **private_ip** - String - The private IP address of this server.
- **status** - String - The status of this server.

Response Sample

```
[
  {
    "hostname": "String",
    "managed_host_id": 42,
    "private_ip": "String",
    "server_id": 42,
    "status": "String"
  }
]
```

GET /system/servers/{server_id}

SUMMARY

Retrieves a server host based on the supplied server ID.

Table 2244: GET /system/servers/{server_id} resource details

GET /system/servers/{server_id} resource details

MIME Type

application/json

Table 2245: GET /system/servers/{server_id} request parameter details

GET /system/servers/{server_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2246: GET /system/servers/{server_id} response codes

GET /system/servers/{server_id} response codes

HTTP Response Code	Unique Code	Description
200		The requested server record was retrieved.
404	1002	The requested server record with the given server ID cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred while trying to retrieve the requested server host with the given Id.

Response Description

A server record that contains the following fields:

- **email_server_address** - String - email server address.
- **hostname** - String - hostname.

- **managed_host_id** - Number - Id of the managed host the server host belongs to
- **private_ip** - String - The private IP address of this server.
- **status** - String - The status of this server.

Response Sample

```
{
  "email_server_address": "String",
  "hostname": "String",
  "managed_host_id": 42,
  "private_ip": "String",
  "server_id": 42,
  "status": "String"
}
```

POST /system/servers/{server_id}

SUMMARY

Updates an existing server.

Table 2247: POST /system/servers/{server_id} resource details

POST /system/servers/{server_id} resource details

MIME Type

application/json

Table 2248: POST /system/servers/{server_id} request parameter details

POST /system/servers/{server_id} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The id of the server.

Table 2249: POST /system/servers/{server_id} request body details

POST /system/servers/{server_id} request body details

Parameter	Data Type	MIME Type	Description	Sample
details	Object	application/json	<p>Required - A server details record that contains the following fields:</p> <ul style="list-style-type: none"> email_server_address - String - email server address. This address must be a valid server address that the server can connect to through port 25. 	{ "email_server_address": "String" }

Table 2250: POST /system/servers/{server_id} response codes

POST /system/servers/{server_id} response codes

HTTP Response Code	Unique Code	Description
200		The server record was updated.
404	1002	The requested server record with the given server ID cannot be found.
422	1005	One or more parameters are invalid in request.
422	1006	Cannot connect to the mail server address on port 25.

Table 2250: POST /system/servers/{server_id} response codes (Continued)

HTTP Response Code	Unique Code	Description
500	1020	An error occurred while trying to retrieve the requested server host with the given ID.

Response Description

The updated server record that contains the following fields:

- **email_server_address** - String - email server address.
- **hostname** - String - hostname.
- **managed_host_id** - Number - ID of the managed host the server host belongs to.
- **private_ip** - String - The private IP of this server.
- **status** - String - The status of this server.

Response Sample

```
{
  "email_server_address": "String",
  "hostname": "String",
  "managed_host_id": 42,
  "private_ip": "String",
  "server_id": 42,
  "status": "String"
}
```

GET /system/servers/{server_id}/firewall_rules

SUMMARY

Retrieves a list of access control firewall rules based on the supplied server ID.

Table 2251: GET /system/servers/{server_id}/firewall_rules resource details

GET /system/servers/{server_id}/firewall_rules resource details

MIME Type

application/json

Table 2252: GET /system/servers/{server_id}/firewall_rules request parameter details

GET /system/servers/{server_id}/firewall_rules request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2252: GET /system/servers/{server_id}/firewall_rules request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2253: GET /system/servers/{server_id}/firewall_rules response codes

GET /system/servers/{server_id}/firewall_rules response codes

HTTP Response Code	Unique Code	Description
200		The rules records was retrieved.
404	1002	The requested server with the given server ID cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred while trying to retrieve the requested access control firewall rules on the server with the given ID.

Response Description

A list of the rules. Each rule record contains the following fields:

- **is_any_source_ip** - Boolean - Whether any source IP is accepted.
- **port_range** - String - A port range in the format of start-end.
- **port_type** - String - one of: ANY, SINGLE, RANGE.

- **protocol** - String - one of: ANY, TCP, UDP.
- **single_port** - String - A single port.
- **source_ip** - String - A specific IP address.

Response Sample

```
[
  {
    "is_any_source_ip": true,
    "port_range": "String",
    "port_type": "String <one of: ANY, SINGLE, RANGE>",
    "protocol": "String <one of: ANY, TCP, UDP>",
    "single_port": "String",
    "source_ip": "String"
  }
]
```

PUT /system/servers/{server_id}/firewall_rules

SUMMARY

Sets the access control firewall rules based on the supplied server ID.

Table 2254: PUT /system/servers/{server_id}/firewall_rules resource details

PUT /system/servers/{server_id}/firewall_rules resource details

MIME Type

application/json

Table 2255: PUT /system/servers/{server_id}/firewall_rules request parameter details

PUT /system/servers/{server_id}/firewall_rules request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server.

Table 2256: PUT /system/servers/{server_id}/firewall_rules request body details

PUT /system/servers/{server_id}/firewall_rules request body details

Parameter	Data Type	MIME Type	Description	Sample
rules	Array<Object >	application/ json	<p>Required - A list of new rules in a JSON string. Each rule record contains the following fields:</p> <ul style="list-style-type: none"> • is_any_source_ip - Boolean - Whether any source IP is accepted. • port_range - String - A port range in the format of start-end. • port_type - String - one of: ANY, SINGLE, RANGE. • protocol - String - one of: ANY, TCP, UDP. • single_port - String - A single port. • source_ip - String - A specific IP address. 	[{ "is_any_source_ip": true, "port_range": "String", "port_type": "String <one of: ANY, SINGLE, RANGE>", "protocol": "String <one of: ANY, TCP, UDP>", "single_port": "String", "source_ip": "String" }]

Table 2257: PUT /system/servers/{server_id}/firewall_rules response codes

PUT /system/servers/{server_id}/firewall_rules response codes

HTTP Response Code	Unique Code	Description
200		The rules were updated.
404	1002	The requested server with the given server ID cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred while trying to set the access control firewall rules on the server with the given Id.

Response Description

A list of the rules in a JSON string. Each rule contains the following fields:

- **is_any_source_ip** - Boolean - Whether any source IP address is accepted.
- **port_range** - String - A port range in the format of start-end.
- **port_type** - String - one of: ANY, SINGLE, RANGE.
- **protocol** - String - one of: ANY, TCP, UDP.
- **single_port** - String - A single port.
- **source_ip** - String - A specific IP address.

Response Sample

```
[
  {
    "is_any_source_ip": true,
    "port_range": "String",
    "port_type": "String <one of: ANY, SINGLE, RANGE>",
    "protocol": "String <one of: ANY, TCP, UDP>",
```

```

    "single_port": "String",
    "source_ip": "String"
  }
]

```

GET /system/servers/{server_id}/network_interfaces/bonded

SUMMARY

Retrieves a list of the bonded network interfaces based on the supplied server ID.

Table 2258: GET /system/servers/{server_id}/network_interfaces/bonded resource details

GET /system/servers/{server_id}/network_interfaces/bonded resource details

MIME Type

application/json

Table 2259: GET /system/servers/{server_id}/network_interfaces/bonded request parameter details

GET /system/servers/{server_id}/network_interfaces/bonded request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The id of the server.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.

Table 2259: GET /system/servers/{server_id}/network_interfaces/bonded request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2260: GET /system/servers/{server_id}/network_interfaces/bonded response codes

GET /system/servers/{server_id}/network_interfaces/bonded response codes

HTTP Response Code	Unique Code	Description
200		A list of the bonded network interfaces were retrieved.
404	1002	The requested server with the given server ID cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred while trying to retrieve the bonded interfaces on the server with the given ID.
500	1022	Timeout while performing the task.

Response Description

A list of the bonded network interfaces. Each record contains the following fields:

- **device_name** - String - The name of the network interface.
- **desc** - String - The description of the network interface.
- **role** - String - The role of the network interface. One of: regular, management, hacrossover, hacrossover_disabled, monitor, disabled.
- **ipversion** - String - The version of the IP address configured on the network interface. One of: ipv4, ipv6.
- **ip** - String - The IP address that is configured on the network interface.
- **mask** - String - The netmask that is configured on the network interface.
- **is_auto_ip** - Boolean - Is the IP address auto-configured?
- **is_cable_linked** - String - Is the network interface cable linked? One of: YES, NO, UNKNOWN
- **is_moving_config_with_active_ha** - Boolean - Will apply the same settings to a new active HA server during failover.
- **hacrossover_params** - String - A map of key-value pairs of HA crossover parameters if the network interface is used for HA crossover.
- **bonding_opts** - String - The bonding options that are configured on the bonded network interface.
- **slaves** - List - The slaves of the bonded network interface. Each slave record contains the following fields:
 - **device_name** - String - The name of the slave interface.
 - **desc** - String - The description of the slave interface.
 - **role** - String - The role of the slave interface. One of: slave, slave_disabled
 - **is_cable_linked** - String - Is the slave interface cable linked. One of: true, false, unknown

Response Sample

[

```

{
  "bonding_opts": "String",
  "desc": "String",
  "device_name": "String",
  "hacrossover_params": {
    "String": "String"
  },
  "ip": "String",
  "ipversion": "String <one of: ipv4, ipv6>",
  "is_auto_ip": true,
  "is_cable_linked": "String <one of: true, false, unknown>",
  "is_moving_config_with_active_ha": true,
  "mask": "String",
  "role": "String <one of: regular, management, hacrossover, hacrossover_disabled,
monitor, disabled, slave, slave_disabled>",
  "slaves": [
    {
      "desc": "String",
      "device_name": "String",
      "is_cable_linked": "String <one of: true, false, unknown>",
      "role": "String <one of: regular, management, hacrossover, hacrossover_disabled,
monitor, disabled, slave, slave_disabled>"
    }
  ]
}
]

```

POST /system/servers/{server_id}/network_interfaces/bonded

SUMMARY

Creates a new bonded network interface.

Table 2261: POST /system/servers/{server_id}/network_interfaces/bonded resource details

POST /system/servers/{server_id}/network_interfaces/bonded resource details

MIME Type

application/json

Table 2262: POST /system/servers/{server_id}/network_interfaces/bonded request parameter details

POST /system/servers/{server_id}/network_interfaces/bonded request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server.

Table 2263: POST /system/servers/{server_id}/network_interfaces/bonded request body details

POST /system/servers/{server_id}/network_interfaces/bonded request body details

Parameter	Data Type	MIME Type	Description	Sample
details	Object	application/ json	<p>Required - The details of the bonded network interface that contains the following fields:</p> <ul style="list-style-type: none"> • role - String - The role of the network interface. One of: regular, monitor, disabled. • ipversion - String - The version of the IP address that is configured on the network interface. One of: ipv4, ipv6. • ip - String - The IP address that is configured on the network interface. This parameter is required when ipversion is ipv4 or (ipversion is ipv6 and is_auto_ip is false). The subnet that is computed from the IP address and the mask must not be the same subnet that is configured on the management interface. • mask - String - The netmask that is configured on the network interface. This parameter is required when ipversion is ipv4. The subnet that is computed from the ip and the mask must not be the same subnet that is configured on the management interface. 	<pre>{ "bonding_opts": "String", "ip": "String", "ipversion": "String <one of: ipv4, ipv6>", "is_auto_ip": true, "is_moving_config_with_active _ha": true, "mask": "String", "role": "String <one of: regular, management, haccrossover, haccrossover_disabled, monitor, disabled, slave, slave_disabled>", "slaves": [{ "device_name": "String" }] }</pre>

Table 2263: POST /system/servers/{server_id}/network_interfaces/bonded request body details
(Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • is_auto_ip - Boolean - Is the address auto-configured? Required. • is_moving_config_with_active_ha - Boolean - Applies the same settings to a new active HA server during failover. This parameter can be true only when the server host is an active HA server host. • bonding_opts - String - The bonding options that are configured on the bonded network interface. 	

Table 2264: POST /system/servers/{server_id}/network_interfaces/bonded response codes

POST /system/servers/{server_id}/network_interfaces/bonded response codes

HTTP Response Code	Unique Code	Description
201		The bonded network interface was created.
404	1002	The requested server with the given server_id cannot be found.
409	1004	The ip address has been used by another network interface.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred while trying to create the bonded interface on the server with the given ID.

Table 2264: POST /system/servers/{server_id}/network_interfaces/bonded response codes
(Continued)

HTTP Response Code	Unique Code	Description
500	1022	Timeout while performing the task.

Response Description

The created bonded network interface that contains the following fields:

- **device_name** - String - The name of the network interface.
- **role** - String - The role of the network interface. One of: regular, management, hacrossover, hacrossover_disabled, monitor, disabled.
- **ipversion** - String - The version of the IP address that is configured on the network interface. One of: ipv4, ipv6.
- **ip** - String - The Ip address that is configured on the network interface.
- **mask** - String - The netmask that is configured on the network interface.
- **is_auto_ip** - Boolean - Is the Ip address auto-configured?
- **is_moving_config_with_active_ha** - Boolean - Applies the same settings to a new active HA server during failover.
- **bonding_opts** - String - The bonding options that are configured on the bonded network interface.
- **slaves** - Array - The slave ethernet interfaces of the bonded interface. Each slave interface has one field: device_name. The device_name must be an existing ethernet interface that cannot be the management interface, the HA crossover interface or a slave interface of another bonded network interface. The array must contain at least one ethernet interface.

Response Sample

```
{
```

```

"bonding_opts": "String",
"desc": "String",
"device_name": "String",
"hacrossover_params": {
  "String": "String"
},
"ip": "String",
"ipversion": "String <one of: ipv4, ipv6>",
"is_auto_ip": true,
"is_cable_linked": "String <one of: true, false, unknown>",
"is_moving_config_with_active_ha": true,
"mask": "String",
"role": "String <one of: regular, management, hacrossover, hacrossover_disabled, monitor,
disabled, slave, slave_disabled>",
"slaves": [
  {
    "desc": "String",
    "device_name": "String",
    "is_cable_linked": "String <one of: true, false, unknown>",
    "role": "String <one of: regular, management, hacrossover, hacrossover_disabled,
monitor, disabled, slave, slave_disabled>"
  }
]
}

```

DELETE /system/servers/{server_id}/network_interfaces/bonded/{device_name}

SUMMARY

Removes a bonded network interface.

Table 2265: DELETE /system/servers/{server_id}/network_interfaces/bonded/{device_name} resource details

DELETE /system/servers/{server_id}/network_interfaces/bonded/{device_name} resource details

MIME Type

text/plain

Table 2266: DELETE /system/servers/{server_id}/network_interfaces/bonded/{device_name} request parameter details

DELETE /system/servers/{server_id}/network_interfaces/bonded/{device_name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server.
device_name	path	Required	String	text/plain	Required - The device name of the bonded network interface.

Table 2267: DELETE /system/servers/{server_id}/network_interfaces/bonded/{device_name} response codes

DELETE /system/servers/{server_id}/network_interfaces/bonded/{device_name} response codes

HTTP Response Code	Unique Code	Description
200		The bonded network interface was removed.
404	1002	The requested server with the given server ID or the bonded network interface cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred while trying to remove the bonded interface on the server with the given ID.
500	1022	Timeout while performing the task.

Response Description

Response Sample

POST /system/servers/{server_id}/network_interfaces/bonded/{device_name}

SUMMARY

Updates an existing bonded network interface.

Table 2268: POST /system/servers/{server_id}/network_interfaces/bonded/{device_name} resource details

POST /system/servers/{server_id}/network_interfaces/bonded/{device_name} resource details

MIME Type
application/json

Table 2269: POST /system/servers/{server_id}/network_interfaces/bonded/{device_name} request parameter details

POST /system/servers/{server_id}/network_interfaces/bonded/{device_name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server.
device_name	path	Required	String	text/plain	Required - The name of an existing bonded network interface. The interface cannot be the management interface or HA crossover interface. The interface must be cable linked.

Table 2270: POST /system/servers/{server_id}/network_interfaces/bonded/{device_name} request body details

POST /system/servers/{server_id}/network_interfaces/bonded/{device_name} request body details

Parameter	Data Type	MIME Type	Description	Sample
details	Object	application/ json	<p>Required - The details of the bonded network interface that contains the following fields:</p> <ul style="list-style-type: none"> • role - String - The role of the network interface. One of: regular, monitor, disabled • ipversion - String - The version of the IP address that is configured on the network interface. one of: ipv4, ipv6. • ip - String - The IP address that is configured on the network interface. This parameter is required when ipversion is ipv4 or (ipversion is ipv6 and is_auto_ip is false). The subnet that is computed from the IP address and the mask must not be the same subnet that is configured on the management interface. • mask - String - The netmask that is configured on the network interface. This parameter is required when ipversion is ipv4. The subnet that is computed from the IP address and the mask must not be the same subnet that is configured on the management interface. 	<pre>{ "bonding_opts": "String", "ip": "String", "ipversion": "String <one of: ipv4, ipv6>", "is_auto_ip": true, "is_moving_config_with_active _ha": true, "mask": "String", "role": "String <one of: regular, management, haccrossover, haccrossover_disabled, monitor, disabled, slave, slave_disabled>", "slaves": [{ "device_name": "String" }] }</pre>

Table 2270: POST /system/servers/{server_id}/network_interfaces/bonded/{device_name} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • is_auto_ip - Boolean - Is the IP address auto-configured? Required. • is_moving_config_with_active_ha - Boolean - Applies the same settings to a new active HA server during failover. This parameter can be true only when the server host is an active HA server host • slaves - Array - The slave ethernet interfaces of the bonded interface. Each slave interface has one field: device_name. The device_name must be an existing ethernet interface wthat cannot be the management interface, the HA crossover interface, or a slave interface of another bonded network interface. If slaves are not null, the slaves in this array will override the existing slaves of the bonded interface. When not null, the array must contain at least one ethernet interface. If null, the endpoint does not change the existing slave interfaces. • bonding_opts - String - The bonding options that are configured on the bonded network interface 	

Table 2271: POST /system/servers/{server_id}/network_interfaces/bonded/{device_name} response codes

POST /system/servers/{server_id}/network_interfaces/bonded/{device_name} response codes

HTTP Response Code	Unique Code	Description
200		The bonded network interface was updated.
404	1002	The requested server with the given server ID cannot be found.
409	1004	The ip address has been used by another network interface.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred while trying to update the specified bonded interfaces on the server with the given ID.
500	1022	Timeout while performing the task.

Response Description

The updated bonded network interface that contains the following fields:

- **device_name** - String - The name of the network interface.
- **role** - String - The role of the network interface. One of: regular, management, hacrossover, hacrossover_disabled, monitor, disabled.
- **ipversion** - String - The version of the IP address that is configured on the network interface. one of: ipv4, ipv6
- **ip** - String - The IP address that is configured on the network interface.
- **mask** - String - The netmask that is configured on the network interface.
- **is_auto_ip** - Boolean - Is the IP address auto-configured?
- **is_moving_config_with_active_ha** - Boolean - Applies the same settings to a new active HA server during failover.

- **bonding_opts** - String - The bonding options that are configured on the bonded network interface.
- **slaves** - Array - The slave ethernet interfaces of the bonded interface. Each slave interface has two fields: `device_name` and `role`. The role is `slave` or `slave_disabled`.

Response Sample

```
{
  "bonding_opts": "String",
  "desc": "String",
  "device_name": "String",
  "hacrossover_params": {
    "String": "String"
  },
  "ip": "String",
  "ipversion": "String <one of: ipv4, ipv6>",
  "is_auto_ip": true,
  "is_cable_linked": "String <one of: true, false, unknown>",
  "is_moving_config_with_active_ha": true,
  "mask": "String",
  "role": "String <one of: regular, management, hacrossover, hacrossover_disabled, monitor, disabled, slave, slave_disabled>",
  "slaves": [
    {
      "desc": "String",
      "device_name": "String",
      "is_cable_linked": "String <one of: true, false, unknown>",
      "role": "String <one of: regular, management, hacrossover, hacrossover_disabled, monitor, disabled, slave, slave_disabled>"
    }
  ]
}
```

GET /system/servers/{server_id}/network_interfaces/ethernet

SUMMARY

Retrieves a list of the ethernet network interfaces based on the supplied server ID.

Table 2272: GET /system/servers/{server_id}/network_interfaces/ethernet resource details

GET /system/servers/{server_id}/network_interfaces/ethernet resource details

MIME Type

application/json

Table 2273: GET /system/servers/{server_id}/network_interfaces/ethernet request parameter details

GET /system/servers/{server_id}/network_interfaces/ethernet request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The id of the server.
filter	query	Optional	String	text/plain	Optional - This parameter is used to restrict the elements in a list base on the contents of various fields.
Range	header	Optional	String	text/plain	Optional - Use this parameter to restrict the number of elements that are returned in the list to a specified range. The list is indexed starting at zero.

Table 2273: GET /system/servers/{server_id}/network_interfaces/ethernet request parameter details (Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2274: GET /system/servers/{server_id}/network_interfaces/ethernet response codes

GET /system/servers/{server_id}/network_interfaces/ethernet response codes

HTTP Response Code	Unique Code	Description
200		A list of the ethernet network interfaces were retrieved.
404	1002	The requested server with the given server ID cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred while trying to retrieve the ethernet interfaces on the server with the given ID.
500	1022	Timeout while performing the task.

Response Description

A list of the ethernet network interfaces. Each ethernet network interface contains the following fields:

- **device_name** - String - The name of the network interface.

- **desc** - String - The description of the network interface.
- **role** - String - The role of the network interface. One of: regular, management, hacrossover, hacrossover_disabled, monitor, disabled.
- **ipversion** - String - The version of the IP address that is configured on the network interface. One of: ipv4, ipv6.
- **ip** - String - The IP that is configured on the network interface.
- **mask** - String - The netmask that is configured on the network interface
- **is_auto_ip** - Boolean - Is the IP auto-configured?
- **is_cable_linked** - String - Is the network interface cable linked? One of: true, false, unknown.
- **is_moving_config_with_active_ha** - Boolean - Applies the same settings to a new active HA server during failover.
- **hacrossover_params** - String - A map of key-value pairs of HA crossover parameters if the network interface is used for HA crossover.

Response Sample

```
[
  {
    "desc": "String",
    "device_name": "String",
    "hacrossover_params": {
      "String": "String"
    },
    "ip": "String",
    "ipversion": "String <one of: ipv4, ipv6>",
    "is_auto_ip": true,
    "is_cable_linked": "String <one of: true, false, unknown>",
    "is_moving_config_with_active_ha": true,
    "mask": "String",
    "role": "String <one of: regular, management, hacrossover, hacrossover_disabled,
monitor, disabled, slave, slave_disabled>"
  }
]
```

POST /system/servers/{server_id}/network_interfaces/ethernet/{device_name}

SUMMARY

Updates an ethernet network interface based on the supplied server_id and device_name.

Table 2275: POST /system/servers/{server_id}/network_interfaces/ethernet/{device_name} resource details

POST /system/servers/{server_id}/network_interfaces/ethernet/{device_name} resource details

MIME Type

application/json

Table 2276: POST /system/servers/{server_id}/network_interfaces/ethernet/{device_name} request parameter details

POST /system/servers/{server_id}/network_interfaces/ethernet/{device_name} request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server.
device_name	path	Required	String	text/plain	Required - The name of an existing ethernet network interface. The interface cannot be the management interface, HA crossover interface or a slave of a bonded interface. The interface must be cable linked.

Table 2277: POST /system/servers/{server_id}/network_interfaces/ethernet/{device_name} request body details

POST /system/servers/{server_id}/network_interfaces/ethernet/{device_name} request body details

Parameter	Data Type	MIME Type	Description	Sample
details	Object	application/ json	<p>Required - An ethernet network interface record containing the following fields:</p> <ul style="list-style-type: none"> • role - String - The role of the network interface. One of: regular, monitor, disabled. • ipversion - String - The version of the IP address that is configured on the network interface. One of: ipv4, ipv6. • ip - String - The IP address that is configured on the network interface. Required when ipversion is ipv4 or (ipversion is ipv6 and is_auto_ip is false). The subnet that is computed from the IP address and the mask must not be the same subnet that is configured on the management interface. • mask - String - The netmask that is configured on the network interface. This parameter is required when ipversion is ipv4. The subnet that is computed from the IP address and the mask must not be the same subnet that is configured on the management interface. 	<pre>{ "ip": "String", "ipversion": "String <one of: ipv4, ipv6>", "is_auto_ip": true, "is_moving_config_with_active _ha": true, "mask": "String", "role": "String <one of: regular, management, hacrossover, hacrossover_disabled, monitor, disabled, slave, slave_disabled>" }</pre>

Table 2277: POST /system/servers/{server_id}/network_interfaces/ethernet/{device_name} request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			<ul style="list-style-type: none"> • is_auto_ip - Boolean - Is the IP auto-configured. Required. • is_moving_config_with_active_ha - Boolean - Applies the same settings to a new active HA server during failover. This parameter can be true only when the server host is an active HA server host. 	

Table 2278: POST /system/servers/{server_id}/network_interfaces/ethernet/{device_name} response codes

POST /system/servers/{server_id}/network_interfaces/ethernet/{device_name} response codes

HTTP Response Code	Unique Code	Description
200		The network interface has been updated.
404	1002	The requested server with the given server ID cannot be found.
409	1004	The ip address has been used by another network interface.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred while trying to update the specified ethernet interfaces on the server with the given ID.
500	1022	Timeout while performing the task.

Response Description

The updated ethernet network interface containing the following fields:

- **device_name** - String - The name of the network interface.
- **role** - String - The role of the network interface. One of: regular, management, hacrossover, hacrossover_disabled, monitor, disabled.
- **ipversion** - String - The version of the IP address that is configured on the network interface. One of: ipv4, ipv6.
- **ip** - String - The IP address that is configured on the network interface.
- **mask** - String - The netmask configured on the network interface.
- **is_auto_ip** - Boolean - Is the IP address auto-configured.
- **is_moving_config_with_active_ha** - Boolean - Applies the same settings to a new active HA server during failover.

Response Sample

```
{
  "desc": "String",
  "device_name": "String",
  "hacrossover_params": {
    "String": "String"
  },
  "ip": "String",
  "ipversion": "String <one of: ipv4, ipv6>",
  "is_auto_ip": true,
  "is_cable_linked": "String <one of: true, false, unknown>",
  "is_moving_config_with_active_ha": true,
  "mask": "String",
  "role": "String <one of: regular, management, hacrossover, hacrossover_disabled, monitor, disabled, slave, slave_disabled>"
}
```

GET /system/servers/{server_id}/system_time_settings

SUMMARY

Retrieves the system time and time zone settings of a server host based on the supplied server ID.

Retrieves the system time and time zone settings of a server host based on the supplied server ID.

Table 2279: GET /system/servers/{server_id}/system_time_settings resource details

GET /system/servers/{server_id}/system_time_settings resource details

MIME Type

application/json

Table 2280: GET /system/servers/{server_id}/system_time_settings request parameter details

GET /system/servers/{server_id}/system_time_settings request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server.
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2281: GET /system/servers/{server_id}/system_time_settings response codes

GET /system/servers/{server_id}/system_time_settings response codes

HTTP Response Code	Unique Code	Description
200		The requested system time settings record was retrieved.
404	1002	The requested system time settings record with the given server ID cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to retrieve the requested system time settings with the given server ID.
500	1022	Timeout while performing the task.

Response Description

Server system time settings that contain the following fields:

- **timezone_id** - String - the current time zone
- **current_time** - Long - The current epoch time (number of milliseconds after Epoch).
- **is_sync_with_ntp_server** - boolean - Is the ntp service used to synchronize the system time with configured NTP time servers?
- **ntp_server_addresses** - Array - The array of the configured NTP server addresses. Null if `is_sync_with_ntp_server` is false.

Response Sample

```
{
  "current_time": 42,
  "ntp_server_addresses": [
    "String"
```

```

],
"sync_with_ntp_server": true,
"timezone_id": "String"
}

```

POST /system/servers/{server_id}/system_time_settings

SUMMARY

Sets the system time and time zone settings of to a server host. Services are restarted after the call and service interruptions will occur.

Sets the system time and time zone settings of to a server host.

Table 2282: POST /system/servers/{server_id}/system_time_settings resource details

POST /system/servers/{server_id}/system_time_settings resource details

MIME Type

application/json

Table 2283: POST /system/servers/{server_id}/system_time_settings request parameter details

POST /system/servers/{server_id}/system_time_settings request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server

Table 2283: POST /system/servers/{server_id}/system_time_settings request parameter details
(Continued)

Parameter	Type	Optionality	Data Type	MIME Type	Description
fields	header	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2284: POST /system/servers/{server_id}/system_time_settings request body details

POST /system/servers/{server_id}/system_time_settings request body details

Parameter	Data Type	MIME Type	Description	Sample
settings	Object	application/ json	<p>Server system time settings that contain the following fields:</p> <ul style="list-style-type: none"> • timezone_id - String - The current time zone. • is_sync_with_ntp_server - boolean - Is the NTP service used to synchronize the system time with configured NTP time servers? • current_time - Long - The current epoch time (number of milliseconds after Epoch). This parameter must be provided when <code>is_sync_with_ntp_server</code> is false. This parameter must be null if <code>is_sync_with_ntp_server</code> is true. • ntp_server_addresses - Array - The array of the NTP server addresses to synchronize the time with. This parameter must be provided when <code>is_sync_with_ntp_server</code> is true. Only the syntax and DNS lookups are checked. The reachability to the ntp servers from the server host are not verified because most ntp servers are rate limited. Four or more NTP servers are recommended for time high accuracy. Must be 	<pre>{ "current_time": 42, "ntp_server_addresses": ["String"], "sync_with_ntp_server": true, "timezone_id": "String" }</pre>

Table 2284: POST /system/servers/{server_id}/system_time_settings request body details (Continued)

Parameter	Data Type	MIME Type	Description	Sample
			null if is_sync_with_ntp_server is false.	

Table 2285: POST /system/servers/{server_id}/system_time_settings response codes

POST /system/servers/{server_id}/system_time_settings response codes

HTTP Response Code	Unique Code	Description
200		The system time settings have been applied.
404	1002	The requested server with the given server ID cannot be found.
422	1005	One or more parameters are invalid in request.
500	1020	An error occurred during the attempt to apply the system time settings to the server.
500	1022	Timeout during performance of the task.

Response Description

Server system time settings that contain the following fields:

- **timezone_id** - String - The current time zone.
- **current_time** - Long - The current epoch time (number of milliseconds after Epoch).
- **is_sync_with_ntp_server** - boolean - Is the ntp service used to synchronize the system time with configured NTP time servers?
- **ntp_server_addresses** - Array - The array of the configured NTP server addresses. Null if is_sync_with_ntp_server is false.

Response Sample

```
{
  "current_time": 42,
  "ntp_server_addresses": [
    "String"
  ],
  "sync_with_ntp_server": true,
  "timezone_id": "String"
}
```

GET /system/servers/{server_id}/timezones

SUMMARY

Retrieves all the available time zones that can be set for a server.

Retrieves all the available time zones that can be set for a server.

Table 2286: GET /system/servers/{server_id}/timezones resource details

GET /system/servers/{server_id}/timezones resource details

MIME Type

application/json

Table 2287: GET /system/servers/{server_id}/timezones request parameter details

GET /system/servers/{server_id}/timezones request parameter details

Parameter	Type	Optionality	Data Type	MIME Type	Description
server_id	path	Required	Number (Integer)	text/plain	Required - The ID of the server
fields	query	Optional	String	text/plain	Optional - Use this parameter to specify which fields you would like to get back in the response. Fields that are not named are excluded. Specify subfields in brackets and multiple fields in the same object are separated by commas.

Table 2288: GET /system/servers/{server_id}/timezones response codes

GET /system/servers/{server_id}/timezones response codes

HTTP Response Code	Unique Code	Description
200		The requested timezone records were retrieved.
404	1002	The requested timezone records with the given server ID cannot be found.
422	1005	One or more parameters are invalid in the request.
500	1020	An error occurred during the attempt to retrieve the requested timezone records with the given server Id.
500	1022	Timeout during the performance of the task.

Response Description

A list of timezones that contains the following fields:

- **id** - String - the ID of time zone
- **timezone** - String - The formatted string representation of the timezone in the current locale.
- **offset** - Integer - Number of milliseconds offset to UTC time at the moment.

Response Sample

```
[
  {
    "id": "String",
    "offset": 42,
    "timezone": "String"
  }
]
```