Chapter 25
Monitoring Admission Control with the C-Web Interface

This chapter describes how to use the C-Web interface to monitor information about the SRC Admission Control Plug-In (SRC-ACP) application. You can use the C-Web interface to monitor admission control on a Solaris platform or on a C-series Controller.

This chapter contains the following topics:

- Viewing Information About Subscriber Sessions in the Edge Network with the C-Web Interface on page 338

- Viewing Information About Congestion Points in the Edge Network with the C-Web Interface on page 339

- Viewing Information About Services in a Backbone Network with the C-Web Interface on page 341

- Viewing Information About Congestion Points in a Backbone Network with the C-Web Interface on page 342

- Viewing Information About Action Congestion Points in a Backbone Network with the C-Web Interface on page 344

- Viewing Information About Subscribers Obtained from External Applications with the C-Web Interface on page 347

- Viewing Information About Congestion Points Added Through an External Application with the C-Web Interface on page 348

- Viewing Statistics for the SRC-ACP Configuration with the C-Web Interface on page 350

Viewing Information About Subscriber Sessions in the Edge Network with the C-Web Interface

To view information about subscriber sessions:

1. Click **ACP > Edge > Subscriber**.

    The Edge/Subscriber pane appears.

2. In the Session ID box, enter a full or partial session ID name to display information about one or more specific sessions, or leave this field empty to display information about all sessions.

3. In the Slot box, enter the number of the slot for which you want to display subscriber session information.

4. Select an output style from the Style list.

5. In the Virtual Router Name box, enter a virtual router name to display information about a specific virtual router, or leave the box empty to display information about all virtual routers.

6. Click **OK**.

    The Edge/Subscriber pane displays a list of current subscriber sessions.

Viewing Information About Congestion Points in the Edge Network with the C-Web Interface

You can display information about edge congestion points by distinguished name (DN) or by subscriber session.

Viewing Information About Edge Congestion Points by DN

To view information about edge congestion points:

1. Click **ACP > Edge > Congestion Point > DN**.

   The Edge/Congestion Point/DN pane appears.

2. In the Congestion Point DN box, enter a congestion point DN, or leave the box blank to view information for all DNs.

3. In the Slot box, enter the number of the slot for which you want to display congestion point information.

4. Select an output style from the Style list.

5. In the Virtual Router Name box, enter a virtual router name to display information about a specific virtual router, or leave the box empty to display information about all virtual routers.

6. Click **OK**.

   The Edge/Congestion Point/DN pane displays a list of congestion points.

Viewing Information About Edge Congestion Points by Subscriber Session

To view information about edge congestion points:

1. Click **ACP > Edge > Congestion Point > Subscriber Session ID**.

    The Edge/Congestion Point/Subscriber Session ID pane appears.

2. In the Session ID box, enter a full or partial session ID name to display information about one or more specific sessions, or leave the box empty to display information about all sessions.

3. In the Slot box, enter the number of the slot for which you want to display congestion point information.

4. Select an output style from the Style list.

5. In the Virtual Router Name box, enter a virtual router name to display information about a specific virtual router, or leave the box empty to display information about all virtual routers.

6. Click **OK**.

    The Edge/Congestion Point/Subscriber Session ID pane displays a list of congestion points.

Viewing Information About Services in a Backbone Network with the C-Web Interface

To view information about services in a backbone network:

1. Click **ACP > Backbone > Service**.

   The Backbone/Service pane appears.

2. In the Interface Alias box, enter the interface alias used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

3. In the Interface Description box, enter the interface description used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

4. In the Interface Name box, enter the name of an interface to display information about one interface, or leave the box empty to display information about all interfaces.

5. In the NAS Port ID box, enter the NAS port ID used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

6. In the Service Name box, enter the name of a service to display information about one service, or leave the box empty to display information about all services.

7. In the Slot box, enter the number of the slot for which you want to display congestion point information.

8. Select an output style from the Style list.

9. In the Virtual Router Name box, enter a virtual router name to display information about a specific virtual router, or leave the box empty to display information about all virtual routers.

10. Click **OK**.

The Backbone/Service pane displays a list of services.

For more information about viewing service information for action congestion points, see *Viewing Information about Action Congestion Points in a Backbone Network by Service* on page 344.

Viewing Information About Congestion Points in a Backbone Network with the C-Web Interface

You can display information about congestion points in a backbone network by service or by DN.

Viewing Information About Congestion Points in a Backbone Network by Expression

To view information about congestion points by expression:

1. Click **ACP > Backbone > Congestion Point > Congestion Point Expression**.

The Backbone/Congestion Point/Congestion Point Expression pane appears.

2. In the Interface Alias box, enter the interface alias used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

3. In the Interface Description box, enter the interface description used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

4. In the Interface Name box, enter the name of an interface to display information about one interface, or leave the box empty to display information about all interfaces.

5. In the NAS Port ID box, enter the NAS port ID used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

6. In the Service Name box, enter the name of a service to display information about one service, or leave the box empty to display information about all services.

7. In the Slot box, enter the number of the slot for which you want to display congestion point information.

8. Select an output style from the Style list.

9. In the Virtual Router Name box, enter a virtual router name to display information about a specific virtual router, or leave the box empty to display information about all virtual routers.

10. Click **OK**.

   The Backbone/Congestion Point/Congestion Point Expression pane displays a list of congestion points.

   For more information about viewing information for action congestion points by expression, see *Viewing Information about Action Congestion Points in a Backbone Network by Expression* on page 346.

Viewing Information About Congestion Points in a Backbone Network by DN

To view information about congestion points by DN:

1. Click **ACP > Backbone > Congestion Point > DN**.

   The Backbone/Congestion Point/DN pane appears.

2. In the Congestion Point DN box, enter a full or partial congestion point name to display information about one or more specific congestion points, or leave the box empty to display information about all congestion points.

3. In the Slot box, enter the number of the slot for which you want to display congestion point information.

4. Select an output style from the Style list.

5. In the Virtual Router Name box, enter a virtual router name to display information about a specific virtual router, or leave the box empty to display information about all virtual routers.

6. Click **OK**.

The Backbone/Congestion Point/DN pane displays a list of congestion points.

Viewing Information About Action Congestion Points in a Backbone Network with the C-Web Interface

Backbone congestion points that are configured to run applications are action congestion points. You can view information about action congestion points by displaying congestion points in a backbone network by service or by expression.

Viewing Information about Action Congestion Points in a Backbone Network by Service

To view information about action congestion points in a backbone network by service:

1. Click **ACP > Backbone > Service**.

The Backbone/Service pane appears.

2. In the Interface Alias box, enter the interface alias used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

3. In the Interface Description box, enter the interface description used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

4. In the Interface Name box, enter the name of an interface to display information about one interface related to congestion points, or leave the box empty to display information about all interfaces.

5. In the NAS Port ID box, enter the NAS port ID used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

6. In the Service Name box, enter the name of a service to display information about one service, or leave the box empty to display information about all services.

7. In the Slot box, enter the number of the slot for which you want to display congestion point information.

8. Select an output style from the Style list.

9. In the Virtual Router Name box, enter a virtual router name to display information about a specific virtual router, or leave the box empty to display information about all virtual routers.

10. Click **OK**.

The Backbone/Service pane displays a list of congestion points.

Viewing Information about Action Congestion Points in a Backbone Network by Expression

To view information about action congestion points in a backbone network by expression:

1. Click **ACP > Backbone > Congestion Point > Congestion Point Expression**.

The Backbone/Congestion Point/Congestion Point Expression pane appears.

2. In the Interface Alias box, enter the interface alias used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

3. In the Interface Description box, enter the interface description used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

4. In the Interface Name box, enter the name of an interface to display information about one interface related to congestion points, or leave the box empty to display information about all interfaces.

5. In the NAS Port ID box, enter the NAS port ID used by the backbone service to generate congestion points, or leave the box empty to display information about all interfaces.

6. In the Service Name box, enter the name of a service to display information about one service, or leave the box empty to display information about all services.

7. In the Slot box, enter the number of the slot for which you want to display congestion point information.

8. Select an output style from the Style list.

9. In the Virtual Router Name box, enter a virtual router name to display information about a specific virtual router, or leave the box empty to display information about all virtual routers.

10. Click **OK**.

    The Backbone/Congestion Point/Congestion Point Expression pane displays a list of congestion points.

Viewing Information About Subscribers Obtained from External Applications with the C-Web Interface

To view information about subscribers obtained from external applications:

1. Click **ACP > Remote Update > Subscriber**.

    The Remote Update/Subscriber pane appears.

2. In the Device Name box, enter the device name of the congestion point, or leave the box blank to display information about all devices.

3. In the NAS IP box, enter the NAS IP address of the device connected to the subscriber, or leave the box empty to display information about all subscribers.

4. In the NAS Port ID box, enter the NAS port ID connected to the subscriber, or leave the box empty to display information about all subscribers.

5. In the Phone box, enter the phone number of the subscriber, or leave the box blank to display information about all subscribers.

6. In the Slot box, enter the number of the slot for which you want to display external subscriber information.

7. Select an output style from the Style list.

8. In the Subscriber IP box, enter the subscriber IP address, or leave the box empty to display information about all subscribers.

9. Click **OK**.

   The Remote Update/Subscriber pane displays the congestion points.

Viewing Information About Congestion Points Added Through an External Application with the C-Web Interface

You can view information about congestion points added through an external application by DN or by interface name.

Viewing Information About Congestion Points from an External Application by DN

To view information about congestion points added through an external application by DN:

1. Click **ACP > Remote Update > Congestion Point > DN**.

   The Remote Update/Congestion Point/DN pane appears.

2. In the Congestion Point DN box, enter the DN of the congestion point, or leave the box blank to display information about all devices.

3. In the Slot box, enter the number of the slot for which you want to display congestion point information.

4. Select an output style from the Style list.

5. Click **OK**.

The Remote Update/Congestion Point/DN pane displays the congestion points.

Viewing Information About Congestion Points from an External Application by Interface Name

To view information about congestion points added through an external application by interface name:

1. Click **ACP > Remote Update > Congestion Point > Name**.

The Remote Update/Congestion Point/Name pane appears.

2. In the Device Name box, enter the device name of the congestion point, or leave the box blank to display information about all devices.

3. In the Interface Name box, enter the interface name of the congestion point, or leave the box blank to display information about all interfaces.

4. In the Slot box, enter the number of the slot for which you want to display congestion point information.

5. Select an output style from the Style list.

6. Click **OK**.

The Remote Update/Congestion Point/Name pane displays the congestion points.

Viewing Statistics for the SRC-ACP Configuration with the C-Web Interface

You can view general statistics for the SRC-ACP configuration. You can also view specific statistics for the directory and for virtual routers.

Viewing General Statistics for SRC-ACP

To view general statistics for SRC-ACP:

■ Click **ACP > Statistics > General**.

The Statistics/General pane appears.

7. In the Slot box, enter the number of the slot for which you want to display general statistics.

8. Click **OK**.

    The Statistics/General pane displays general SRC-ACP statistics.

Viewing Statistics for the SRC-ACP Directory

To view statistics about the SRC-ACP directory:

■   Click **ACP > Statistics > Directory**.

    The Statistics/Directory pane appears.

9. In the Slot box, enter the number of the slot for which you want to display directory statistics.

10. Click **OK**.

The Statistics/Directory pane displays statistics for the SRC-ACP directory.

Viewing Device Statistics for SRC-ACP

To view device statistics for SRC-ACP:

1. Click **ACP > Statistics > Device**.

The Statistics/Device pane appears.

2. In the Filter box, enter a substring of the virtual router name, or leave the box blank to display information for all virtual routers.

3. In the Slot box, enter the number of the slot for which you want to display device statistics.

4. Select an output style from the Style list.

5. Click **OK**.

The Statistics/Device pane displays router statistics for SRC-ACP.