

Release Notes: Juniper Identity Management Service 1.4.0

Release 1.4.0
8 June 2022
Revision 1

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Introduction

This release note accompanies Juniper® Identity Management Service Release 1.4.0. It describes the product and its known behavior, problems, and limitations.

Juniper Identity Management Service (for Windows) is a standalone Windows service application that collects and maintains a large in-memory cache of user, device, and group information from Active Directory domains, enabling SRX Series firewalls to rapidly identify thousands of users in a large, distributed enterprise. SRX Series Service Gateways can create, manage, and refine firewall rules that are based on user identity rather than IP address, query Juniper Identity Management Service, obtain the proper user identity information, and then enforce the appropriate security policy decisions to permit or deny access to protected corporate resources and the Internet.

Features

The following features are new in Juniper Identity Management Service Release 1.4.0:

- **SRX Series device configuration**—Starting in JIMS release 1.4.0, when configuring SRX, you can now provide IP address or network address of SRX Series device. You can provide subnet as CIDR or dotted decimal format. For example, these are the network addresses 10.0.0.0/8, 172.16.0.0/12, 192.168.0.0/255.255.0.0, and so on.

If you have multiple SRX Series devices in the same subnet, you can now group them using the subnet input field. If no value is given in the subnet field, the IP address will be treated as a host /32 or /128.

[See [Configuring the Connection to an SRX Series Device.](#)]

- **Support for SRX Series devices**—Starting in JIMS release 1.4.0, JIMS supports up to 1200 SRX Series devices.

[See [Juniper Identity Management Service User Guide.](#)]

Specifications

Table 1: SRX and JIMS Server Requirements and Specifications

Component	Specification
Supported Junos OS 12.3X48-D45 or alater release	Yes

Table 1: SRX and JIMS Server Requirements and Specifications (*continued*)

Component	Specification
ClearPass Integration With Web API	No
ClearPass Integration Without Web API	Yes
Maximum SRX Series devices	Up to 1200
Maximum CSO platforms	10
Maximum event log sources	150
Maximum Active Directories	100
Maximum domains	25
Maximum user entries	500,000
Maximum syslog sources	200

System Requirements

Juniper Identity Management Service can be installed on the following Microsoft Windows platforms:

- Windows Server 2016 or later
- Minimum system requirement for Juniper Identity Management Service—A server with a 4-core, 64-bit compatible 1.4 GHz or higher CPU, a minimum of 16 GB of system memory, and 100 GB of disk space.
- Recommended system requirement for Juniper Identity Management Service to scale up to 1200 SRX Series devices—A server with a 16-core, 64-bit compatible 2.4 GHz or higher CPU, a minimum of 64 GB of system memory and 128 GB of disk space is required.

Supported Identity Sources

Juniper Identity Collector supports the following identity sources:

- Microsoft Active Directory on Windows Server 2008 R2 and later
- Microsoft Exchange Server 2010 with Service Pack 3 (SP3) and later
- Syslog
- PC Probe

Changes in Behavior and Syntax

Learn about what changed in this release for JIMS.

- **JIMS service**—Starting in JIMS release 1.4.0, the JIMS service name changed from **Juniper Identity Management Service** to **JIMS Identity Collector** in Microsoft system services.

[See [Juniper Identity Management Service User Guide](#).]

- **Web API**—Starting in JIMS release 1.4.0, the Web API also known as ClearPass configuration is deprecated and uses a native integration. Any deployed SRX Series device running a Junos OS version below 15.1X49 must use JIMS 1.3.x.

Known Behavior

There are no known limitations for Juniper Identity Management Service in JIMS Release 1.4.0.

Known Issues

There are no known issues in Juniper Identity Management Service in JIMS Release 1.4.0.

Resolved Issues

Learn about the issues fixed in this release for JIMS.

- JIMS 1.3 release or before did not handle non-native administrator group names. PR1587431

Requesting Technical Support

Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active J-Care or Partner Support Service support contract, or are covered under warranty, and need post-sales technical support, you can access our tools and resources online or open a case with JTAC.

- JTAC policies—For a complete understanding of our JTAC procedures and policies, review the *JTAC User Guide* located at <https://www.juniper.net/us/en/local/pdf/resource-guides/7100059-en.pdf>.
- Product warranties—For product warranty information, visit <http://www.juniper.net/support/warranty/>.
- JTAC hours of operation—The JTAC centers have resources available 24 hours a day, 7 days a week, 365 days a year.

Self-Help Online Tools and Resources

For quick and easy problem resolution, Juniper Networks has designed an online self-service portal called the Customer Support Center (CSC) that provides you with the following features:

- Find CSC offerings: <https://www.juniper.net/customers/support/>
- Search for known bugs: <https://prsearch.juniper.net/>
- Find product documentation: <https://www.juniper.net/documentation/>
- Find solutions and answer questions using our Knowledge Base: <https://kb.juniper.net/>
- Download the latest versions of software and review release notes: <https://www.juniper.net/customers/csc/software/>
- Search technical bulletins for relevant hardware and software notifications: <https://kb.juniper.net/InfoCenter/>
- Join and participate in the Juniper Networks Community Forum: <https://www.juniper.net/company/communities/>
- Create a service request online: <https://myjuniper.juniper.net>

To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: <https://entitlementsearch.juniper.net/entitlementsearch/>

Creating a Service Request with JTAC

You can create a service request with JTAC on the Web or by telephone.

- Visit <https://myjuniper.juniper.net>.
- Call 1-888-314-JTAC (1-888-314-5822 toll-free in the USA, Canada, and Mexico).

For international or direct-dial options in countries without toll-free numbers, see <https://support.juniper.net/support/requesting-support/>.

Revision History

8 June 2022—Revision 1—Juniper Identity Management Service Release 1.4.0

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