

Release Notes

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Juniper Identity Management Service 1.6.0

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Introduction

This release note accompanies Juniper® Identity Management Service Release 1.6.0. 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.

What's New

Learn about new features introduced in this release for Juniper Identity Management Service (JIMS).

- **Support for Juniper Secure Edge**—Starting in JIMS Release 1.6.0, we support Juniper Secure Edge.

Specifications

Table 1: SRX and JIMS Server Requirements and Specifications

Component	Specification
Supported Junos OS 12.3X48-D45 or alater release	Yes
ClearPass Integration With Web API	No
ClearPass Integration Without Web API	Yes
Maximum SRX Series devices	Up to 1200
Maximum CSO platforms	10

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

Component	Specification
Support for Juniper Secure Edge	Release 1.6.0
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 Management Service 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

What's Changed

Learn about what changed in this release for Juniper Identity Management Service.

- **JIMS admin user interface updated**—Starting in JIMS Release 1.6.0, We've reorganized the user interface layout for better user experience.

Known Limitations

Learn about known limitations in this release for Juniper Identity Management Service.

- The JIMS release 1.6.0 support only Juniper Secure Edge.
- In certain environments, admin privileges are required to start JIMS admin user interface.

Open Issues

Learn about open issues in this release for Juniper Identity Management Service.

- JIMS Collector high memory utilization while processing login/logoff events from identity. 1691861
- Issue in AD learning causing the delta between AD and JIMS with regards to users/devices in on-prem use case and visual display count mismatch in Secure Edge UI. 1691867
- While SRX has a mapping for a user's username and IP address, it doesn't have a mapping for the user's group membership on on-prem use case. 1691868

Resolved Issues

Learn about the issues fixed in this release for Juniper Identity Management Service.

- On the JIMS summary page, the process ID had the typo, for example 123d. We've corrected it now to 123.
- The JIMS Collector crashes, when you update or delete user or groups simultaneously.
- In some scenarios, the event and information sources are struck in polling state. PR1557535.
- The JIMS processes pause while learning from ADs. PR1624963.
- JIMS server stops when checking in event and information sources. PR1671773 and PR1667334.
- In some scenarios on JIMS 1.4.0 release, when SRX Series devices connecting to JIMS server, the JIMS server responds with 403 forbidden error. PR1671768.
- The JIMS identity client (JIMS server) pause in wait status for 15 minutes. PR1674812.
- Event sources stuck in polling or restarting state. PR1678258.

Requesting Technical Support

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- [Self-Help Online Tools and Resources | 5](#)
- [Creating a Service Request with JTAC | 5](#)

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

27 October 2022—Revision 1—Juniper Identity Management Service Release 1.6.0.

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