

Release Notes

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Juniper Identity Management Service 1.7.0

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Introduction

This release note accompanies Juniper® Identity Management Service Release 1.7.0. 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 Service locations.
- Trust Other Domains — option introduced in **Settings > General > Global Configuration** section. If JIMS receives a session with a user from an unknown domain, it will attempt to search for that user in all the domains.
- Syslog Initial Timespan — option introduced in **Settings > General > Global Configuration** section. Configured time (specified in minutes) for JIMS to read the most recent syslog events during startup.

Specifications

Table 1: SRX and JIMS Server Requirements and Specifications

Component	Specification
Supported with Junos OS active releases	Yes
ClearPass Integration With Web API	No

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

Component	Specification
ClearPass Integration Without Web API	Yes
Maximum SRX Series devices	Up to 1200
Maximum CSO platforms	10
Support for Juniper Secure Edge	Yes
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 GHzs 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.

- The JIMS Servers UI section is enhanced for Juniper Secure Edge
- Introduced **Terms of License** in the **Help > About** section.

Known Limitations

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

- The JIMS release 1.7.0 supports 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.

- After restarting the JIMS-Server,

In JIMS Administrative UI at the **Status > SRX Clients > Query State** page, an unknown state is displayed. To resolve this, you should reconnect to the JIMS Administrative UI after a 15-minute period - PR1693586

- SRX batch query filters will not work appropriately. SRX will receive full batch query response instead of filtered - PR1726183 and PR1726270
- When a user alias is associated with multiple Active Directory domains, incorrect user domain might be associated with the user - PR1737513
- Please contact Juniper Support (JTAC) for resolution.

Resolved Issues

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

- 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.
- The **Release Candidate** string is present in the **Help > About** page - PR1741112
- JIMS Collector high memory utilization while processing login/logoff events from identity - PR1691861
- 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 - PR1691868

Requesting Technical Support

IN THIS SECTION

- [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://www.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://www.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

25 September 2023—Revision 1—Juniper Identity Management Service Release 1.7.0.

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