Release Notes

Juniper Identity Management Services 1.3.1R3

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Introduction

This release note accompanies Juniper® Identity Management Service Release 1.3.1R3. 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 Services 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

There are no new features introduced in Juniper Identity Management Service Release 1.3.1R3.

Specifications

Table 1: SRX and JIMS Server Requirements and Specifications

Component	Operating System and Kernel Versions
If multiple ADs report a renamed user or device within a very short timespan	15.1X49-D100, 17.4R1, or a later release 12.3X48-D45 or a later release

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

Component	Operating System and Kernel Versions
Supported SRX Series device platforms	• vSRX Virtual Firewall, SRX300 line, SRX1500, SRX4100, SRX4200, SRX4600, SRX5000 line (Junos OS Release 15.1X49-D100, 17.4R1, or a later release) • SRX650, SRX240H2, SRX3000 line, and SRX5000 line (Junos OS Release 12.3X48-D45 or a later release)
Maximum SRX Series devices	100
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

- Windows Server 2012 R2 with Windows Server 2012 R2 Updates (KB2919355 and KB2999226)

> **BEST PRACTICE**: Note the following best practices when installing Juniper Identity Management Service on a Microsoft Windows platform:

- Because Juniper Identity Management Service participates in the security infrastructure protecting your network, we recommend using Windows Update regularly and judiciously to obtain the latest Security Updates and other Critical Updates from Microsoft.

- Juniper Identity Management Service requires 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.

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)

- Syslog

Changes in Behavior and Syntax

There are no changes in behavior and syntax for Juniper Identity Management Service in JIMS Release 1.3.1R3.

Known Behavior

There are no known limitations for Juniper Identity Management Service in JIMS Release 1.3.1R3.

Known Issues

There are no known issues in Juniper Identity Management Service in JIMS Release 1.3.1R3.

Resolved Issues

This section lists the resolved issues in Juniper Identity Management Service Release in JIMS Release 1.3.1R3.

- If multiple ADs report a renamed user or device within a very short timespan, JIMS can experience a lock priority inversion resulting in partial or significant failure to update sessions in SRX Series devices. The error is more likely to happen when there are more than two ADs reporting the same event, or the system is heavily stressed. This issue is resolved in this release. PR1582018 and PR156416

- If the logoff time is set more than 15 minutes, JIMS randomly generates 1 millisecond to 30 seconds time-out to the logoff time for each session to avoid unnecessary thread-exhaustion after startup. PR1564163

- Customer faced few issues while upgrading to 1.3.0. These issues are fixed in this release.

- 1.3.1R1 contained an incomplete fix for PR1582018 and PR156416

Requesting Technical Support

IN THIS SECTION

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 JTACUser 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

16 December 2022—Revision 2—Juniper Identity Management Service Release 1.3.1R3.

11 June 2021—Revision 1—Juniper Identity Management Service Release 1.3.1R3.