

Release Notes: Juniper Identity Management Service 1.3.0

Release 1.3.0
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Revision 1

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Introduction

This release note accompanies Juniper® Identity Management Service Release 1.3.0. 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 1.3.0:

- **JIMS Identity Server**—Starting in JIMS Release 1.3.0, a new component, JIMS Identity Server provides an interface between user firewall functionality on SRX Series device and JIMS. JIMS Identity Server allows SRX Series device to validate domains, groups, users, and devices with the help of the JUNOS CLI. From this release, JIMS Identity Server is the default identity client.

[See [Configuring JIMS Identity Server.](#)]

- **Full UPN User Name Support**—Starting in JIMS Release 1.3.0, JIMS receives and process the User Principle Name (UPN) from Active Directory, and has a new **Global configuration** setting to pass that UPN to SRX Series device. Navigate to **Settings>General>Global Configuration** and select the **Pass UPN (requires JIMS restart)** checkbox to enable this new feature.

[See [Full UPN User Name Support.](#)]

- **Distinguished Name (DN) Filter for Active directory**—Starting in JIMS Release 1.3.0, JIMS can avoid an entire domain with the help of a new feature Distinguished Name (DN) exclusion filter. DN filter is a list of regular expressions, such as `*DC=Domain, DC=Com.*`. Navigate to **Settings>DN Filters** to add, delete, or edit the **DN Filters** regular expression such as `*DC=Domain, DC=com.*` :

[See [Distinguished Name \(DN\) Filter for Active directory.](#)]

Specifications

Table 1: SRX and JIMS Server Requirements and Specifications

Component	Operating System and Kernel Versions
Supported Junos OS software releases	<ul style="list-style-type: none"> • 15.1X49-D100, 17.4R1, or a later release • 12.3X48-D45 or a later release
Supported SRX Series device platforms	<ul style="list-style-type: none"> • vSRX Virtual Firewall, SRX300 line, SRX1500, SRX4100, SRX4200, 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 1.3.0.

Known Behavior

There are no known limitations for Juniper Identity Management Service in JIMS Release 1.3.0.

Known Issues

This section lists the known issues in Juniper Identity Management Service in JIMS Release 1.3.0.

- Pass UPN function does not work properly when you enable **Pass UPN** in the Windows AD and there are two conflicting users, for example, jims-dom1.local\user1 has UPN user2@jims-dom1.local, and jims-dom1.local\user2 has UPN user1@jims-dom1.local. PR1519059
- There are some side effects of using DN filter. If you are matching at the OU level using DN Filters, and you want to move a user from an OU that is not filtered to an OU that is filtered out, when you move the user, the cached user remains in the first group as the user update will be suppressed by the filter. Future group updates will drop the user from those groups. Restarting the JIMS service will reset the mapping. If there is a use case where filtering on OU is critical and moving from one OU to another is common, please raise a request through your Juniper Account Team or Sales Engineer. PR1518531

Resolved Issues

There are no resolved issues in Juniper Identity Management Service in JIMS Release 1.3.0.

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

13 October 2020—Revision 1—Juniper Identity Management Service Release 1.3.0

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