

Release Notes: Junos[®] Space Cross Provisioning Platform Release 17.1R2

Release 17.1R2
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Introduction

Cross Provisioning Platform (CPP) is an extension of the Network Activate application. It provides real-time operations support systems (OSS) for creating and deploying services across multivendor devices. With Cross Provisioning Platform, you can:

- Provision services between Juniper Networks devices and Nokia devices.
- Provision services across Juniper Networks devices and NEC iPASOLINK devices.
- Provision services across Juniper Networks devices and Canoga Perkins network interface devices (NIDs).

Junos Space Cross Provisioning Platform uses the Simple Object Access Protocol (SOAP) APIs to communicate with Nokia 5620 Service Aware Manager (SAM) and Representational State Transfer (REST) APIs to communicate with CanogaView OSS.

Creating services for Cross Provisioning Platform requires the coordination of tasks performed in several areas of expertise including script design, system administration, and service provisioning. When you create a Cross Provisioning Platform service definition, you can attach scripts designed for the service.

Release Notes for Junos Space Cross Provisioning Platform

- [Supported Platforms on page 3](#)
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Supported Platforms

The following table lists the supported platforms and the corresponding qualified Junos OS release:

Supported Platforms	Qualified Junos OS Release
ACX Series Universal Metro Routers: <ul style="list-style-type: none"> • ACX1000 router • ACX1100 router • ACX2000 router • ACX2100 router • ACX4000 router <p>NOTE: Only the Network Activate functionality is qualified for these platforms.</p>	Release 12.3R1 through Release 12.3X54-D10 for ACX1000, ACX1100, ACX2000, ACX2100, and ACX4000 routers
MX Series 3D Universal Edge Routers	Release 12.2R1 through Release 14.2R4 for MX80, MX104, MX240, MX480, and MX960 routers
M Series Multiservice Edge Routers	Release 10.0 through Release 12.2R1.8 for M320 router Release 10.0 through Release 14.2R4.12 for M7i and M10i routers
SRX Series Services Gateways <p>NOTE: Only the Network Activate functionality is qualified for this platform.</p>	Release 12.1, Release 12.1X45, and Release 12.1X45 for SRX100, SRX110, SRX210, SRX240, SRX550, SRX650, and LN2600 devices Release 12.1X46-D25 for SRX220 device

Supported Third-Party Platforms and Devices

Junos Space Cross Provisioning Platform supports the following third-party devices and platforms:

- Canoga Perkins NIDs—Model 9145E, Model 9145EMP, and Model 9145ELB
- CanogaView Core, Version 3.10.00
- Nokia 5620 Service Aware Manager, Version 14.1

Installation and Upgrade Instructions

This section contains the procedure to install and upgrade Junos Space Cross Provisioning Platform.



NOTE: The terms Junos Space Network Management Platform and Junos Space Platform are used interchangeably in this document.

- [Installing Cross Provisioning Platform Release 17.1R2 on page 4](#)
- [Upgrading Cross Provisioning Platform from Release 16.1R1, Release 16.1R2, or Release 17.1R1 to Release 17.1R2 on page 5](#)
- [Uninstalling Cross Provisioning Platform Release 17.1R2 on page 5](#)

Installing Cross Provisioning Platform Release 17.1R2

Prerequisites for Installing Cross Provisioning Platform Release 17.1R2

- You must install Junos Space Platform Release 17.1R1 before you install Cross Provisioning Platform Release 17.1R2.
- You must uninstall the Network Activate application before you install the Cross Provisioning Platform application.



NOTE: If you have installed the Network Activate application, you cannot install the Cross Provisioning Platform application. Likewise, if you have installed the Cross Provisioning Platform application, you cannot install the Network Activate application.

To install Cross Provisioning Platform Release 17.1R2:

1. Install Junos Space Platform Release 17.1R1.
2. Reboot the JBoss server.
3. Install Cross Provisioning Platform Release 17.1R2.
4. Reboot the JBoss server.

Upgrading Cross Provisioning Platform from Release 16.1R1, Release 16.1R2, or Release 17.1R1 to Release 17.1R2

To upgrade Cross Provisioning Platform from Release 16.1R1, Release 16.1R2, or Release 17.1R1:

1. If you are using Junos Space Platform Release 16.1R1 or 16.1R2, upgrade Junos Space Platform to Release 17.1R1
2. Reboot the JBoss server.
3. If you are using Cross Provisioning Platform Release 16.1R1, upgrade to Release 16.1R2. Alternatively, if you are using Cross Provisioning Platform Release 16.1R2, go to step 5. If you are using Cross Provisioning Platform Release 17.1R1, go to step 7.
4. Upgrade NetworkAppsAPI from Release 16.1R1 to Release 16.1R2.
5. Upgrade CPP from Release 16.1R2 to Release 17.1R1.
6. Upgrade NetworkAppsAPI from Release 16.1R2 to 17.1R1.
7. Upgrade CPP from release 17.1R1 to Release 17.1R2.
8. Upgrade NetworkAppsAPI from Release 17.1R1 to Release 17.1R2.

Uninstalling Cross Provisioning Platform Release 17.1R2

To uninstall Cross Provisioning Platform:

1. Uninstall NetworkAppsAPI Release 17.1R2.
2. Uninstall Cross Provisioning Platform Release 17.1R2.

Operational Notes

- The minimum supported screen resolution is 1280 x 1024. If your screen resolution is less than the supported resolution, the Cross Provisioning Platform UI might not be displayed properly.
- The supported Web browsers are Google Chrome version 17 and later, Mozilla Firefox version 14.0 and later, and Microsoft Internet Explorer versions 9.0, 10.0, and 11.0.

New and Changed Features

This section describes the new features and enhancements to existing features in Junos Space Cross Provisioning Platform Release 17.1R2.

- [Hardware Features on page 6](#)
- [Software Features on page 6](#)

Hardware Features

There are no new hardware features in Cross Provisioning Platform Release 17.1R2.

Software Features

There are no new software features in Cross Provisioning Platform Release 17.1R2.

Changes in Default Behavior

There are no changes to the default behavior in Cross Provisioning Platform Release 17.1R2.

Known Behavior

There are no known behaviors in Junos Space Cross Provisioning Platform Release 17.1R2.

Known Issues

This section lists the known issues in Junos Space Cross Provisioning Platform Release 17.1R2.

For the most complete and latest information about known Junos Space Cross Provisioning Platform defects, use the Juniper Networks online [Junos Problem Report Search](#) application.

- For a VLAN_PATH service, in a single request if you try to delete an endpoint and add the same endpoint with the same entry number but a different VLAN ID, the QoS information is not updated in the device. [PR1255707]

Workaround: None.

- For a VLAN_PATH service, even though you can perform Configuration Audit successfully, the View Service Configuration page does not show the QoS information when you try to associate the same VLAN ID and entry number to a different port in a single request. [PR1255715]

Workaround: None.

- While you are modifying parameters in Application Settings of Junos Space Platform, if you abruptly terminate a browser session, Junos Space Platform saves this draft configuration in the database. Junos Space Platform does not remove the draft configuration even if you restart the server. [PR1281485]

Workaround: Log out from the browser session. Clear the cache and log in.

- The dashboard chart does not include a scroll bar. The chart might appear distorted if there is more data. [PR1285973]

Workaround: None.

Resolved Issues

This section lists the resolved issues in Junos Space Cross Provisioning Platform Release 17.1R2.

For the most complete and latest information about resolved Junos Space Cross Provisioning Platform defects, use the Juniper Networks online [Junos Problem Report Search](#) application.

- Unable to view advanced details of a recovered ALU-ALU service. [PR1346340]
- Cross Provisioning Platform should support discovery of L3VPN services. [PR1346357]
- While resynchronizing network interface devices, the Port Sync Status of the device appears as Sync Failed even though the resynchronization job completes successfully. [PR1346479]
- When a device is rediscovered, the ID for the device changes and the ID for that device used in service orders no longer matches the new ID assigned to the device. A helper function is required that can change a device ID in service orders to the new ID when a device on which services is configured is rediscovered. [PR1346482]
- Unable to migrate services from one interface to another by using the bulk service operation. [PR1347971]
- Cross Provisioning Platform should resynchronize interface names when L3VPN services are migrated within the interfaces of a device. [PR1362399]
- Unable to delete jobs in Scheduled state that do not have an associated service order. [PR1360027]

Documentation Updates

There are no documentation updates for Junos Space Cross Provisioning Platform Release 17.1R2 documentation.

Finding More Information

For the latest, most complete information about known and resolved issues with Junos Space Network Management Platform and Junos Space Management Applications, use the Juniper Networks [Problem Report Search](#) application.

Juniper Networks Feature Explorer is a Web-based application that helps you to explore and compare Junos Space Network Management Platform and Junos Space Management Applications feature information to find the correct software release and hardware platform for your network. Find Feature Explorer at:

<http://pathfinder.juniper.net/feature-explorer/>.

Juniper Networks Content Explorer is a Web-based application that helps you explore Juniper Networks technical documentation by product, task, and software release, and download documentation in PDF format. Find Content Explorer at:

<http://www.juniper.net/techpubs/content-applications/content-explorer/>.

Documentation Feedback

We encourage you to provide feedback, comments, and suggestions so that we can improve the documentation. You can provide feedback by using either of the following methods:

- Online feedback rating system—On any page of the Juniper Networks TechLibrary site at <https://www.juniper.net/documentation/index.html>, simply click the stars to rate the content, and use the pop-up form to provide us with information about your experience. Alternately, you can use the online feedback form at <https://www.juniper.net/documentation/feedback/>.
- E-mail—Send your comments to techpubs-comments@juniper.net. Include the document or topic name, URL or page number, and software version (if applicable).

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/>
- Open a case online in the CSC Case Management tool: <https://www.juniper.net/cm/>

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

Opening a Case with JTAC

You can open a case with JTAC on the Web or by telephone.

- Use the Case Management tool in the CSC at <https://www.juniper.net/cm/>.
- 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://www.juniper.net/support/requesting-support.html>.

Revision History

11 June, 2018—Revision 1—Junos Space Cross Provisioning Platform Release 17.1R2.

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