

# JNU 1.1 Release Notes

Release 1.1  
November 2012  
Revision 2

These release notes accompany JNU Release 1.1. They describe new features and known issues with the software.

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## New Features

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The following features have been added to JNU Release 1.1.

### Support for JNU Satellites

JNU now provides support for the EX3200 Switch as a satellite device.

### Support for Junos OS

On MX Series routers and EX Series Ethernet switches, JNU supports the following Juniper Networks Junos operating system (Junos OS) releases:

- Release 11.4R1-S1.2
- Release 12.1R3

On QFX 3500 devices, JNU supports the following Juniper Networks Junos operating system (Junos OS) releases:

- Release 12.1X49-D1.2

### Support for Multichassis Link Aggregation Group (MC-LAG)

JNU now provides a configuration template that allows you to configure MC-LAG on MX Series routers. The name of the template is config-mcae.

In addition, JNU provides a configuration template that allows you to configure Inter-Control Center Communications Protocol (ICCP) for MC-LAG. The name of the template is config-iccp.

## Resolved Issues in JNU Release 1.1

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The following issue has been resolved in JNU Release 1.1.

- The time it takes for the commit process to be completed has been reduced because of consolidation of the configuration expansion module.

## Known Issues in JNU Release 1.1

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This section lists the known issues in JNU Release 1.1.

- Satellite down events are logged, but satellite up events are not logged.

The JNU periodically checks connectivity to each configured satellite. If a satellite is not connected, the JNU logs a down event. When the satellite becomes available, the JNU stops logging down events, but does not log an up event.

## Errata in Documentation

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When you initialize the controller and the satellite devices, you must be logged in to the controller or satellite as the root user. The initialization process creates a user account called `jnuadmin`, which the controller uses to log in to the satellites. After the initialization process is complete, log in to the controller using the `jnuadmin` user account.

## JNU Documentation and Release Notes

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For a list of related JNU documentation, see

[http://www.juniper.net/techpubs/en\\_US/release-independent/jnu/jnu-index.html](http://www.juniper.net/techpubs/en_US/release-independent/jnu/jnu-index.html).

If the information in the latest release notes differs from the information in the documentation, follow the *JNU Release Notes*.

To obtain the most current version of all Juniper Networks technical documentation, see the product documentation page on the Juniper Networks website at

<http://www.juniper.net/techpubs/>.

## Requesting Technical Support

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Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active J-Care or JNASC 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 <http://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: <http://www.juniper.net/customers/support/>
- Search for known bugs: <http://www2.juniper.net/kb/>
- Find product documentation: <http://www.juniper.net/techpubs/>
- Find solutions and answer questions using our Knowledge Base: <http://kb.juniper.net/>
- Download the latest versions of software and review release notes: <http://www.juniper.net/customers/csc/software/>
- Search technical bulletins for relevant hardware and software notifications: <https://www.juniper.net/alerts/>
- Join and participate in the Juniper Networks Community Forum: <http://www.juniper.net/company/communities/>
- Open a case online in the CSC Case Management tool: <http://www.juniper.net/cm/>

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

## 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 <http://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 <http://www.juniper.net/support/requesting-support.html> .

## Revision History

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