

Virtual Route Reflector Release Notes

Release 15.1R7
8 May 2018
Revision 1

These release notes accompany this release of virtual Route Reflector (vRR). They describe the product and its known behavior, problems, and limitations.

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Introduction

You can implement route reflector capability using a general-purpose virtual machine on a 64-bit Intel-based blade server or appliance. Benefits of the vRR are:

- Improved scalability (depending on the server core hardware use)
- Scalability of the BGP network with lower cost using vRR at multiple locations in the network
- Fast and more flexible deployment using Intel servers rather than router hardware
- Space savings through elimination of router hardware

New and Changed Features

This section describes the new features and enhancements in this release.

- **VMware support**—Starting with Junos OS Release 15.1R4, you can deploy the virtual Route Reflector (vRR) using the VMware hypervisor, vSphere ESXi 5.5. To launch the vRR virtual machine (VM) from ESXi, you install ESXi on the server, install the vSphere Web Client on the client system, and create the vRR VM in the vSphere Web Client. When you have created the VM, you power on the vRR VM and click the Console tab. After the vRR VM boots up, you can log in as **root** and begin configuring vRR.

Changes in Behavior and Syntax

There are no changes in behavior or syntax for Junos OS Release 15.1Rx.

Known Behavior

This section lists the known behaviors or limitations for this release.

- The **monitor interface traffic** command does not display the pps rate for the em interfaces. PR1356663

Known Issues

There are no known issues for Junos OS Release 15.1Rx.

Resolved Issues

This section lists the issues fixed in this release.

Resolved Issues: 15.1R3

- In vRR platforms running Junos OS Releases of 15.1 built before February 2016, the following cosmetic warning message will be displayed upon commit: **[edit] 'chassis' warning: WARNING: MPC reboot or chassis reboot is required to use MIC aware dynamic power management feature on already plugged-in MPCs.** PR1144295

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

30 July 2018—Revision 2—vRR Release 15.1R7
8 May 2018—Revision 1—vRR Release 15.1R7
27 April 2017—Revision 1—vRR Release 15.1R6
30 November 2016—Revision 1—vRR Release 15.1R5
30 June 2016—Revision 1—vRR Release 15.1R4
1 April 2016—Revision 1—vRR Release 15.1R3
4 November 2015—Revision 1—vRR Release 15.1R2
19 June 2015—Revision 1—vRR Release 15.1R1

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