

Virtual Route Reflector Release Notes

Release 17.2R2
28 September 2017
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.

- **TCP IP network stack parallelization for virtual Route Reflector devices**—Starting in Junos OS Release 17.2R1, you can enable TCP IP network stack parallelization on virtual Route Reflector (vRR) devices by using the **set system network-stack-in-jlock-shared-mode** command. Network stack parallelization can help increase performance for TCP protocol users, depending on application behavior.

Changes in Behavior and Syntax

There are no changes in behavior or syntax for Junos OS Release 17.2Rx.

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

This section lists the known issues in this release.

Known Issues: 17.2R2

- vRR platforms might display the following cosmetic warning message every 5 hours: **VRR System does not seem to have a valid license: return code:1**. It has no impact on vRR functionality and can be ignored. PR1313623

Resolved Issues

There are no resolved issues for Junos OS Release 17.2Rx.

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 17.2R2

28 September 2017—Revision 1—vRR Release 17.2R2

6 June 2017—Revision 1—vRR Release 17.2R1

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