

# Virtual Route Reflector Release Notes

**Release 17.3R3**  
**26 July 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

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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

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There are no new features or enhancements to existing features for Junos OS Release 17.3Rx.

## Changes in Behavior and Syntax

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There are no changes in behavior or syntax for Junos OS Release 17.3Rx.

## Known Behavior

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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

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This section lists the known issues in Junos OS Release 17.3Rx.

### Known Issues: 17.3R2

There are no known issues for Junos OS Release 17.3R2.

### Known Issues: 17.3R1

- 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

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This section lists the issues fixed in this release.

## Resolved Issues: 17.3R2

- 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

## 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 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

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30 July 2018—Revision 1—vRR Release 17.3R3

14 February 2018—Revision 1—vRR Release 17.3R2

25 August 2017—Revision 1—vRR Release 17.3R1

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