

Virtual Route Reflector Release Notes

Release 17.4R3
8 January 2020
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

What's New

There are no new features or enhancements to existing features for Junos OS Release 17.4R3.

What's Changed

There are no changes in behavior or syntax for Junos OS Release 17.4R3.

Known Limitations

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

- After creating a new vRR instance, the em interfaces (em0, em1, and em2) is set as an **unspecified** link-type. As a result, after you make any configuration changes (for example, change the em1 interface description) and commit the changes, these changes result in the flapping of the em interfaces after the first configuration **commit**. Any subsequent changes do not cause this interface flapping issue. [PR1359347](#)

Open Issues

This section lists the known issues for this release.

- For running VRR with CPU model like Xeon E5-2695 v4 and later, it is recommended that both libvirt and qemu be upgraded to a more recent versions, 1.3.1 and 2.5.0 or later, respectively. [PR1318104](#)

Resolved Issues

This section lists the issues fixed in this release.

- The mgd might crash when Ephemeral DB is used [PR1305424](#)
- JTASK_SCHED_SLIP error might be observed on VRR platform during NTP synchronization. [PR1411679](#)
- While committing a large configuration, the error message error: mustd trace init failed displays. [PR1423229](#)

Requesting Technical Support

Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active Juniper Care or Partner Support Services 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 <https://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/>
- Create a service request online: <https://myjuniper.juniper.net>

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

Creating a Service Request with JTAC

You can create a service request with JTAC on the Web or by telephone.

- Visit <https://myjuniper.juniper.net>.
- 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://support.juniper.net/support/requesting-support/>.

Revision History

8 January 2020—Revision 1—vRR Release 17.4R3

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