Release Notes

cJunosEvolved Release 25.2R1®

Introduction

These release notes accompany cJunosEvolved Release 25.2R1. These Release Notes describes new and changed features, known limitations, and open and resolved problems in the software.

cJunosEvolved is Juniper Networks® containerized Junos OS Evolved based platform. This containerized form factor is introduced to make it easy for users to create instant virtual lab topologies for training, demo, proof of concept, script development, configuration generation and testing the control plane in a virtual lab environments, without having to build labs with Juniper Networks' physical devices based on Junos OS Evolved.

You can find release notes for all Junos OS releases at https://www.juniper.net/documentation/product/us/en/junos-os#cat=release_notes.

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What's New

cJunosEvolved is a container version of a Juniper platform PTX10001-36MR and PTX10002-36QDD that runs the Junos OS Evolved. You can install cJunosEvolved as a Docker container on an x86 server or within a VM running on an x86 server.

cJunosEvolved is a container that you can use only in labs and not in the production environment.

cJunosEvolved is a KVM based Docker container. The embedded VM within the container provides the Junos OS Evolved control and management plane functionality. The VM includes the Routing Engine and Packet Forwarding Engine. The Express 4 (BT) and Express 5 (BX) data plane ASIC simulators reside in the Linux side of the container.

Instead of using hardware router, you can use the cJunosEvolved to start the Junos software for testing the network configurations and protocols. The cJunosEvolved container platform primarily acts as a test platform for lab simulations for the customers.

[See cJunosEvolved Deployment Guide.]

What's Changed

There are no changes in behavior and syntax in this release for cJunosEvolved.

Known Limitations

For known limitations in this release for cJunosEvolved, see cJunosEvolved Limitations.

For the most complete and latest information about known Junos OS defects, use the Juniper Networks online Junos Problem Report Search application.

Open Issues

There are no open issues in this release for cJunosEvolved.

For the most complete and latest information about known Junos OS defects, use the Juniper Networks online Junos Problem Report Search application.

Resolved Issues

There are no resolved issues in this release for cJunosEvolved.

Finding More Information

- **Feature Explorer**—Juniper Networks Feature Explorer helps you to explore software feature information to find the right software release and product for your network.

  https://apps.juniper.net/feature-explorer/

- **PR Search Tool**—Keep track of the latest and additional information about Junos OS Evolved open defects and issues resolved.

  https://prsearch.juniper.net/InfoCenter/index?page=prsearch

Requesting Technical Support

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There is no technical support available for cJunosEvolved through the Juniper Networks Technical Assistance Center (JTAC).

Community based assistance can be accessed on the Juniper Lab Community All Communities page.

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:

- Join and participate in the Juniper Networks Community Forum: https://www.juniper.net/company/communities/

- 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/

Revision History

24 January 2025—Revision 1, cJunosEvolved Release 25.2R1.