Juniper NETWORKS CTPOS Release 9.1R5 Software User Guide

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Juniper NETWORKS CTPOS Release 9.1R5 Software

Product Information

Specifications

- Product Name: CTPOS software

About This Guide

This guide provides release notes for the CTPOS software version 9.1R5. It includes information about device documentation and known problems with the software. For additional resources and release notes, you can visit the Juniper Networks CTP software documentation webpage located at CTP Series Release Notes.

Release Highlights

The highlights of CTPOS Release 9.1R5 are as follows:

- Improved performance and stability
- Enhanced security features
- Bug fixes and issue resolutions

Upgrade Information

To upgrade to CTPOS 9.1R5 from older releases (9.1R1, 9.1R2.1, or 9.1R3.1), you can use either the USB image or manual upgrade procedure. Follow the steps below:

About This Guide

This release notes accompany Release 9.1R5 of the CTPOS software. They describe device documentation and known problems with the software.
You can also find these release notes on the Juniper Networks CTP software documentation webpage, which is located at **CTP Series Release Notes**.

Release Highlights

The following features and enhancements have been added to CTPOS Release 9.1R5.

- Enhancements to 9.1 branch to maintain FIPS 140-2 compliance. [PR 1580059]
- New interface module and T1E1 cards are introduced for CTP151 devices. [PR 1682233]
- Add support for redesigned Serial/T1E1/Clock CTP modules as part of CTP151. [PR 1682233]
- Need to add Support for FPGA programming for new Serial/T1E1 card – CTP151. [PR 1708024]
- Add calibration procedure for CTP151 [PR 1701074]

NOTE

- CTPOS 9.1R5 is a CTP151-only release.
- CTPOS9.1R5 must be manually installed.
- You cannot use CTPView to perform the upgrade from 9.1Rx to 9.1R5. However, you can manually upgrade

from CTPOS 9.1Rx to 9.1R5 using CTPOS CLI.

- CTPOS 9.1R5 is not an upgrade release for the CTP2000 platform.

Upgrade Information

You can upgrade to CTPOS 9.1R5 from older releases (9.1R1, 9.1R2.1, or 9.1R3.1) by using USB image or manual upgrade procedure.

- To upgrade from USB image, see Installing Dual Image on CTP151 from USB in Upgrading to Dual Image

NOTE: When you are installing dual image from USB, use the ctpos_usb_install_9.1R5_ctp151_231017.img.gz USB image to upgrade to R5.

- To manually upgrade to CTPOS 9.1R5 image, place the acorn_310_9.1R5_231017.tgz package in /tmp folder of the CTP node and run upgrade y command.

Example:

- [root@ctp_143:/home/ctp_cmd 2]# cd /tmp
- [root@ctp_143:/tmp 3]# ls
- acorn_310_9.1R5_231017.tgz
- [root@ctp_143:/tmp 4]# upgrade y
- CTP system software upgrade utility – Version 1.5.0
- Found kernel version 3.14.39ltsi-WR7.0.0.27_standard, setting KVER to 310

Checking for active menu sessions

- Found USB storage device… Mounting

System version is 310

- Here is a list of all the found compatible CTP code archive files:
- /tmp/acorn_310_9.1R5_231017.tgz

NOTE: If FPGA version on card is mismatched then place the FPGA acorn package acorn_310_230823_fpga_150_s2c_t24_S04_T05_2000_s1f_t32_S01_T02.tgz in /tmp folder of CTP node and run upgrade y command.

Resolved Issues

Resolved Issues in CTPOS Release 9.1R5

The following issues have been resolved in CTPOS Release 9.1R5.

- Upgrade fails on CTP150/151 with single line card. [PR 1638692]
- Upgrading CTP_151 to 9.1R3.1 from CTPView fails to boot after upgrade. [PR 1678514]

- UserID permission changes when CTP is upgraded to 9.1R3. [PR 1726700]
- CTP151 can read serial # from command menu>4>6. [PR 1719891]
- SERL/T1E1 IMs SN not detected in ‘sc’ command. [PR 1722525]
- Always IM Card temp is reading as 0C. [PR 1722528]
- On bootup System waiting for gluon/Bacardi cards and trying to load FPGA of the cards. [PR 1722895]
- Card 0 Description is reading as Unknown. [PR 1729920]
- CPU Serial No printing on menu- CHASSIS INFORMATION. [PR 1731542]
- ssh not working to connect unit. [PR 1737062]
- sshd_config gets overwritten when upgrading to 9.1R4. [PR 1705526]
- Incorrect Description field information in sensors_pwr_fan.pl -s command. [PR 1756401]

Known Issues in CTPOS Release 9.1R5

- None.

Known Limitations in CTPOS Release 9.1R5

- Switch UEFI boot order after USB image install. [PR 1682726]

Revision History

- November 2023—Revision 1—CTPOS Release 9.1R5.

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Documents / Resources

	Juniper NETWORKS CTPOS Release 9.1R5 Software [pdf] User Guide CTPOS Release 9.1R5 Software, CTPOS, Release 9.1R5 Software, 9.1R5 Software, Software

References

- CTP Series Documentation | Juniper Networks
- User Manual