

Juniper Networks® CTPOS Release 9.3R2 Software

Published
2026-08-31

RELEASE

Table of Contents

About This Guide

Release Highlights

Upgrade Information

Resolved Issues in CTPOS Release 9.3R2

Known Issues in CTPOS Release 9.3R2

Required Upgrade files

Known Limitations in CTPOS Release 9.3R2

Revision History

About This Guide

This release notes accompany Release 9.3R2 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 or enhancements have been addressed in CTPOS 9.3R2:

- CTP Host OS upgraded to Wind River Linux LTS23 Version
- OpenSSH 9.9p2 support
- OpenSSL 3.1.5 support
- FIPS 140-3 compliant
- XMC supports on GEN3



NOTE: CTPOS Release 9.3R2 runs only on CTP2000 devices (GEN3 and GEN4).

Upgrade Information

On CTP2000 Series devices, you can upgrade the CTPOS to Release 9.3R2 from the following releases:

- GEN4: CTPOS 9.1R6 <-x>
- GEN3: CTPOS 9.1R3 <-x>
- GEN3: CTPOS 9.1R6 <-x>

Resolved Issues in CTPOS Release 9.3R2

The following issues has been resolved in CTPOS Release 9.3R2.

1. Need to add CTP2000 chassis serial number to system query [PR 1791252]
2. Trans bundles are producing errors and latency is variable [PR 1820351]
3. SAToP bundle over a GRE tunnel with an MPLS label is not working on 9.2Rx [PR 1843321]
4. Bundle descriptors on SNMP traps are incorrect or duplicated [PR 1852567]
5. Remove Trap server ping requirement [PR 1856508]
6. All logs not saved on CTP151 before watchdog timeout [1864578]
7. Incorrect BD & PD values in SNMP trap while bundle starvation & buffer overflow-underflow [1878575]
8. CTPOS version must be accurate regardless of the display methods (Grub, cli menu, cmd -v, etc) [PR 1881491]
9. ipmitool works on the PPF84 processor but fails on the PP833 processor because the IPMI System Interface is not detected. [PR 1942405]
10. PDV on PPf84 processor with LTS23 fluctuates between 5ms to 10ms [PR 1942614]
11. Customer attempting to reconfigure to snmpv3, found that ctps were sending duplicate traps on snmpv3 to receiver IP. [PR 1944579]
12. Support for CTP 2K in CTPOS 9.3R2 LTS23 [PR 1945264]
13. Bundles on -A cards remain in Insync on Gen4 with LTS23 [PR 1950109]
14. Unable to config Ethernet media for CTP151 and CTP2K-04 [PR 1952176]
15. OpenSSH vulnerability detected on LTS23 GEN4 CTP2K node [PR 1960020]
16. Issues observed on LTS23 GEN4 CTP2K node [PR 1960042]
17. SNMPv2/v3 trap related issues are observed during validation on LTS23 CTP2k [PR 1960282]
18. BERT Errors observed on -A cards with LTS23 on Gen3 and Gen4 CPU's [PR 1960492]
19. XMC cards are not enumerated on Gen3 processor [PR 1963937]
20. Audio call test is not working for 4W, FXS, FXO with -A t1 card in slot-0 on LTS23 CTP2K [PR 1964608]

21. Personality transfer is not working during upgrade from 9.1R6-6 to 9.3R2 on LTS23 CTP2k node [PR 1965473]
22. Incorrect Ethernet interface identification on the LTS23 Gen3 node in the presence of a PMC card [PR 1967995]
23. POWDERKEG NPI: Add support for Gen 4 CTP2000 CPU card [PR 1533696]
24. In early development of migration (LTS23) observed crash on CTP2000 Gen4 node [PR 1938182]
25. Card-A issue on the 2K node running LTS23 OS [PR 1972820]
26. On CTP2000 Series Gen4 (LTS23)Trans bundles are producing errors and latency is variable [PR 1963545]

Known Issues in CTPOS Release 9.3R2

The following PRs are known issues in CTPOS Release 9.3R2.

- Inconsistent output level of MS-DCARD audio dual channel bundle on LTS23 CTP2k node [PR 1968485]
- sar utility support in 9.3R2(CTP2k) [PR 1973963]
- CTP bundles running on both slots 5 and 6 cause bundle errors and restarts [PR 1977632]

Required Upgrade files

Following files are provided for upgrading the CTPOS software to CTPOS 9.3R2:

Table 1: Required Upgrade Files

File Description	Filename	File MD5 Checksum
Dual Image Upgrade script for CTP2000 Series GEN3 running a 9.1R3/9.1R6 release	acorn_310_dual_image_upgrade_ctp2k-03_260805.tgz	4b2cfb79ed902998306af0d057b03b5f

Table 1: Required Upgrade Files (Continued)

File Description	Filename	File MD5 Checksum
Dual Image Upgrade script for CTP2000 GEN4 running a 9.1R6 release	acorn_310_dual_image_upgrade_ctp2k-04_260805.tgz	182ca31ed9095f5c1b5bf3a3a6ad9154
Dual Image Upgrade script for CTP2000 Series GEN3 running a 9.3R2 release	acorn_619_dual_image_upgrade_ctp2k-03_260805.tgz	4b2cfb79ed902998306af0d057b03b5f
Dual Image Upgrade script for CTP2000 Series GEN4 running a 9.3R2 release	acorn_619_dual_image_upgrade_ctp2k-04_260805.tgz	182ca31ed9095f5c1b5bf3a3a6ad9154
CTPOS Image file for CTP2000 Series GEN3	CTPOS_9.3R2_partitions_ctp2k-03_260805.tgz	ec9dfa2aa2585c4d85a66614fbb386f6
CTPOS Image file for CTP2000 Series GEN4	CTPOS_9.3R2_partitions_ctp2k-04_260805.tgz	e9fc45f642aed5720dc26a15198cc9f
Bootable USB image for performing factory install (repartitions CTP SSD)	ctpos_usb_clean_install_9.3R2_ctp2k-04_260805.img.gz	962dfbbb7e72bc913bcaf87ac3c69fa6
Bootable USB image for performing Dual Image Upgrade	ctpos_usb_install_9.3R2_ctp2k-04_260805.img.gz	2eed268bb94255f18dd33d34a64600c6
CTPOS Flash Image file for CTP2000 Series GEN3	flash_ctp_9.3R2_2k-03_260812.img.gz	3a74504054f3166b5b55ce3d075c5b8a
Release Bundle (contains all upgrade files)	ctp_complete_9.3R2_260805.tgz	ba53b7a1c1b9c8c96e7dca2cd7f1350a

Known Limitations in CTPOS Release 9.3R2

The following PRs are known limitations in CTPOS Release 9.3R2.

- During non-interactive upgrades, configurations for RADIUS, TACACS, and security profiles are not migrated to the latest build due to package changes and enforcement of FIPS 140-3 compliance.
- CTPOS-9.3R2 cannot be managed using CTPView versions earlier than 9.3R3-2.

Revision History

August 2026—Revision 1—CTPOS Release 9.3R2

Juniper Networks, the Juniper Networks logo, Juniper, and Junos are registered trademarks of Juniper Networks, Inc. in the United States and other countries. All other trademarks, service marks, registered marks, or registered service marks are the property of their respective owners. Juniper Networks assumes no responsibility for any inaccuracies in this document. Juniper Networks reserves the right to change, modify, transfer, or otherwise revise this publication without notice. Copyright © 2026 Juniper Networks, Inc. All rights reserved.