



CTP System

CTPOS Release Notes

Release 5.1

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CTPOS Release 5.1

Release Overview

These *Release Notes* accompany Release 5.1 of the CTPOS Circuit Emulation software. They describe the enhancements as well as known issues with the software. CTPOS runs on all Juniper Networks CTP 1000-series and 2000-series platforms. CTPView 3.1 or later is required for this release.

If the information in these *Release Notes* differs from the information found in the published documentation set, follow these *Release Notes*. These *Release Notes* include the following sections:

- Release Overview on page 1
- Required Files on page 1
- New Features on page 2
- New Hardware on page 2
- Enhancements on page 2
- Known Issues on page 2

You can also find these release notes on the Juniper Networks Technical Publications CTP documentation Web page, which is located at <http://www.juniper.net/techpubs/hardware/ctp/>.

Required Files

The following files are required for this release:

- FLASH Image File (256MB): flash_5.1R1.img
- Upgrade Archive File: acorn_429_080616.tgz
- CTP2000 Winmon Archive File:
acorn_429_080502_winmon_2000_t1e1_v26.tgz
- CTP2000 FPGA Archive file:
acorn_429_080304_fpga_2000_ser_vf8_t1e1_vea_11.tgz

New Features

This section describes features new to this release.

Port Mirroring

Port mirroring enables you to mirror traffic to a third port. The packet generated from the source is sent to an assigned destination and to another port whether it is on the local node or remote node.

Combined Circuit Emulation and Layer 2 Bridging

Layer 2 bridging is now supported on a port-by-port basis. Ports on the same node can be used for circuit emulation or layer 2 bridging. In the previous release, every port had to be configured for circuit emulation.

In layer 2 bridging mode, packets are extracted from the line on the serial interface. This is in contrast to circuit emulation mode, where every bit on the serial interface is received (regardless of content) and formed into packets.

New Hardware

There is no new hardware for this release.

Enhancements

This section lists product enhancements available in this release.

- Added enhancements to port/bundle configuration to support CTP, SAToP, and CESoPSN configuration.
- Added 10-second GRUB timeout.

Known Issues

There are no known issues in this release.

Bugs Fixed

This section identifies bugs that have been fixed since the last release.

- Bug 368—BERT errors occur with Y-cable enabled after diagnostics.
- Bug 369—Unable to test Y-cable unless port is running.
- Bug 383—Bad date in `/var/lib/logrotate.status`.