



CTP System

CTPView Server Release Notes

Release 3.3

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CTPView Server Release 3.3

Release Overview

These *Release Notes* accompany Release 3.3 of the CTPView server software. They describe the enhancements as well as known issues with the software. CTPView software is compatible with Juniper Networks CTP1000-series and CTP2000-series platforms running CTPOS version 5.3 or earlier.

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 5
- Required Files on page 6
- Installation on page 6
- New Features and Enhancements on page 6
- Known Issues on page 9

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/>.



NOTE: Documentation for all new CTPView server Release 3.3 features is provided in the New Features and Enhancements section of these release notes. We will incorporate this CTPView server Release 3.3 feature information in the appropriate documentation for CTPView server Release 3.4. The Juniper Networks Technical Documentation Web page contains links to the CTPView server documentation.

Required Files

See *CTP Software Configuration Guide, Chapter 6, Installing the Software and Configuring Security Settings*, for help in choosing the correct upgrade archive file:

- `ctpview_fc4_complete_3.3R1_090313.tgz`
- `ctpview_fc9_complete_3.3R1_090313.tgz`
- `web_fcX_3.3R1_090313.tgz`
- Fedora 9 systems running 3.2R3 or later require the `web_fcX_3.3R1_090313.tgz` file to upgrade. The system will not reboot during the upgrade process.
- Fedora 9 systems running 3.2R1 or 3.2R2 require the `ctpview_fc9_complete_3.3R1_090313.tgz` file to upgrade. Additionally, the server will reboot during the upgrade process.
- Fedora Core 4 systems running 2.2R2 or later require the `web_fcX_3.3R1_090313.tgz` file to upgrade. The system will not reboot during the upgrade process.
- Fedora Core 4 systems running 2.2R1 or earlier require the `ctpview_fc4_complete_3.3R1_090313.tgz` file to upgrade. Additionally, the server will reboot during the upgrade process.

Installation

See *CTP Software Configuration Guide, Chapter 6, Installing the Software and Configuring Security Settings*, for installation instructions. You can download this document from the Juniper Networks Technical Publications CTP documentation Web page, which is located at <http://www.juniper.net/techpubs/hardware/ctp/>.

New Features and Enhancements

This section describes features and enhancements new to this release.

Uploading CTP Software Archives

You can upload CTP software archives to the CTPView server using the destination directory `/ctp` as an alternative to using the full pathname of `/var/www/html/acorn/ctp`. To copy software into this directory from an external source, you must be a member of the UNIX group `server`, such as the default user `juniper`. System settings prohibit copying external files to the server as the user `root`. The CTPView server checks and modifies ownership and permissions for the copied files.

Support for CTP Route Redundancy

You can use CTPView to configure the route redundancy feature of CTP nodes. You access the feature from the System/Configuration/AutoSwitch/Route Management Redundancy option. This feature was introduced with CTPOS 5.3R1.

OpenSSH/SSL Upgrade

To address known vulnerabilities, the OpenSSH/SSL packages provided with a Fedora 9 OS CTPView installation include versions SSH-5.1p1 and SSL-0.9.8g.

Security Level Management

You can now configure the level of security restrictions on the server operating system and the CTPView browser interface. You can modify this configuration by using the CLI menu under the Main Menu > Security Profile > Modify Security Level option.

Support for CTP SNMP Configuration Changes

The following CTP SNMP configuration changes introduced with CTPOS 5.3 are now supported:

- You can now provide access to SNMP queries for up to eight hosts or networks.
- You can now define up to eight trap receivers.
- You can now use the following characters: a-z, A-Z, 0-9, -, _ , ! , @ , # for an SNMP community string.

Support for Hyphen (-) Character

The CTP hostname can now include the hyphen (-) character.

Increased Character Support

The number of characters for the CTP Bundle and Port Description fields has been increased from 32 to 64.

Transit Traffic Prohibited with Multiple Ethernet Interfaces

Transit traffic can be prohibited when multiple Ethernet interfaces are configured on a CTPView server. This functionality is available by using the CLI menu through the Main Menu > Security Profile > Set Management Port Forwarding option.

Support for Second CTP NTP Server

You can now configure up to two NTP servers for each CTP node in the Node Settings Configuration window. This features was introduced with CTPOS 5.3R1.

Support for Second CTP Syslog Server

You can now configure up to two Syslog servers for each CTP node in the Node Settings Configuration window. This features was introduced with CTPOS 5.3R1.

Support for FXO Interface Module for the CTP2000-series Systems

The second of the Juniper Networks voice modules for the CTP2000-series chassis provides 12 ports of 2-wire, Foreign eXchange Office interface circuits used to extend POTS service. This module is designed for use with the CTP2000 Voice Compression Module. This features was introduced with CTPOS 5.3R1.

Support for FXS Interface Module for the CTP 2000-series Systems

The third of the Juniper Networks voice modules for the CTP2000-series chassis provides 24 ports of 2-wire, Foreign eXchange Subscriber interface circuits used to extend POTS service. Loop start and ground start are supported. This module is designed for use with the CTP2000 Voice Compression Module. This feature was introduced with CTPOS 5.3R1.

RADIUS/LDAP

This feature is supported only on Fedora 9 OS CTPVIEW servers. The CTPView configuration script is compatible with the following server setup: Microsoft Windows Server 2003 for Small Business Server, Service Pack 2, with Active Directory and Administrative tools enabled. You can access this feature by using the CLI menu under the Main Menu > Radius/Ldap Functions option.

Remote System Logging

When you enable remote system logging, you can redirect secure system logs and acorn_gui logs to up to two remote servers. You can access this function by using the CLI menu through the Main Menu > Security Profile > Secure Log Management/Configure remote logging option.

CTP Node Summaries

You can view summaries of installed interface cards, configured bundles, and all ports for CTP nodes running CTPOS 5.x on a single browser page. You access the page from the Node > Summaries option.

Support for CTP PBS/Bridge Port Mode Selection

There is now an updated page for CTP nodes running CTPOS 5.X where you can switch conforming ports between the circuit emulation or packet bearing serial modes. You access this feature from Node > PBS/Bridge Config > Add or Delete PBS/Bridge Ports.

Calculated Packets Per Second Display

When you are connected to a CTP node running CTPOS 5.X, you can view the current calculated packets per second value and the maximum allowed value on the Bundle and Node configuration or query pages. The values are updated each time the page is opened or refreshed, and when a configuration change is submitted.

Known Issues

The following are known issues:

- Custom Statistics Plots are not available for CTP nodes running CTPOS 5.X.
- The Save Port Configuration archive utility is disabled for CTP nodes running CTPOS 5.X.

