

Juniper Networks® CTPView Server Software 4.0 Release Notes

Release 4.0R1
June 2010
Revision 1

These release notes accompany Release 4.0R1 of the CTPView Network Management System Software. They contain upgrade information and describe the enhancements to the software. CTPView Release 4.0 software is compatible with Juniper Networks CTP Series platforms running CTPOS version 6.0 or earlier.

You can also find these release notes on the Juniper Networks CTP Software Documentation Web page, which is located at
http://www.juniper.net/techpubs/en_US/ctp6.0/information-products/pathway-pages/index.html.

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Required Upgrade Files

The following files are provided for upgrading the CTPView software:

- web_update_4.0R1_100603.tgz [Software Updates]
- ctpview_complete_centos_4.0R1_100603.tgz [Software and CentOS OS Updates]
- ctpview_complete_fc9_4.0R1_100603.tgz [Software and FC9 OS Updates]
- ctpview_complete_fc4_4.0R1_100603.tgz [Software and FC4 OS Updates]

The upgrade file that you use depends on the current CTPView server's operating system (OS) and the current CTPView software release. To upgrade from:

- Juniper customized operating system CentOS 5.3, use the file web_update_4.0R1_100603.tgz

The full suite of new security enhancements is available only when the CTPView software is installed on servers running the CentOS 5.3 operating system. Contact Juniper Networks Technical Assistance Center (JTAC) if you need to upgrade your operating system.

- A Fedora Core (FC) operating system, use Table 1 on page 2 to determine the correct file to use.

Table 1: Determining the Required Upgrade Files for Your System

CTPView Server OS	Installed CTPView Release	Upgrade to CTPView Release	File for Upgrade	Server Reboots During Upgrade?
FC9	3.4R2 or later	4.0R1	web_update_4.0R1_100603.tgz	No
FC9	3.4R1 or earlier	4.0R1	ctpview_complete_fc9_4.0R1_100603.tgz	Yes
FC4	2.2R2 or later	4.0R1	web_update_4.0R1_100603.tgz	No
FC4	2.2R1 or earlier	4.0R1	ctpview_complete_fc4_4.0R1_100603.tgz	Yes

Upgrading the CTPView Software

This topic includes the following tasks:

1. Upgrading the CTPView Software for Systems Running Version 3.4R2-p1 or 3.4R3 or Later on page 3
2. Upgrading the CTPView Software for Systems Running Version 3.4R2 or Earlier on page 3

Upgrading the CTPView Software for Systems Running Version 3.4R2-p1 or 3.4R3 or Later

To install the software for systems running 3.4R2-p1 or 3.4R3 or later:

1. Copy the **web_update** or **ctpview_complete** file to the **/tmp** directory on the server.
2. Run the installation script as root: **upgrade** or as system administrator: **upgrade**.

Upgrading the CTPView Software for Systems Running Version 3.4R2 or Earlier

To install the software using one of the **ctpview_complete** files:

1. Copy the **ctpview_complete** file to the **/tmp** directory on the server.
2. Unpack the archive. For example, **tar -xvzf ctpview_complete_fc9_4.0R1_100603.tgz**
3. Run the installation script as root: **upgrade** or as system administrator: **upgrade**.

To install the software using the **web_update_4.0R1_100603.tgz** file:

1. Copy the **web_update_4.0R1_100603.tgz** file to the **/tmp** directory on the server.
2. Run the installation script as root: **upgrade** or as system administrator: **upgrade**.

New Features

The following features have been added to CTPView Release 4.0. Following the description is the title of the manual or manuals to consult for further information.

Support for New CTP150 Hardware Platform

The Juniper Networks CTP150 Circuit to Packet platform is a 1-U high, full-rack wide chassis designed for tabletop or shelf installation. It can also be installed in a rack with the supplied rack-mounting kit. The CTP150 platform has two removable modules for serial interfaces, T1/E1 interfaces, or both, and a removable Type II CompactFlash card, but no hard drive. It is available in a removable AC-powered version only. [CTP150 Circuit to Packet Platform Hardware Guide]

Support for SAToP Interoperability with M Series E1/T1 Circuit Emulation PICs

You can use SAToP bundles to allow CTP devices to interoperate with Juniper Networks T1/E1 Circuit Emulation PICs on M Series Multiservice Edge Routers.

This interoperability allows you to deploy CTP150 and CTP2000 platforms to the customer edge by connecting them to existing M Series routers. By using existing routers and circuit emulation PICs with CTP equipment, you can provide services to smaller, remote locations without having to deploy additional M Series routers.

This feature uses a static Layer 2 circuit pseudowire that supports the use of GRE tunnels for carrying MPLS pseudowire traffic. To use this feature, you create a Layer 2 circuit and a GRE tunnel between the CTP device and the CE PIC on the router. Using SAToP encapsulation, you can provide a T1 TDM transport through the GRE tunnel.

The M Series routing platform must have tunneling services available. These services can be built-in, such as with the M7i, M120, and M360, or by using an advanced services (AS) PIC that supports tunneling. [*SAToP Bundle* pathway page]

Enhanced Security Features

See the *CTPView Security Implementation Guide* for detailed information about the scope and use of these features.

Known Issues in CTPView Release 4.0

- The CTPView software does not support the BERT display for CESoPSN bundles.

Resolved Issues in CTPView Release 4.0

User-Selected Port for VComp Bundles

- When FXS or FXO cards are installed and you create a new VComp bundle, the port number that you select may not be attached to the bundle. [PR/519871: This issue has been resolved.]

CTP Documentation and Release Notes

For a list of related CTP documentation, see

http://www.juniper.net/techpubs/en_US/release-independent/ctp/information-products/pathway-pages/index.html.

If the information in the latest release notes differs from the information in the documentation, follow the *CTPOS Release Notes* and the *CTPView Server Release Notes*.

To obtain the most current version of all Juniper Networks® technical documentation, see the product documentation page on the Juniper Networks website at <http://www.juniper.net/techpubs/>.

Requesting Technical Support

Technical product support is available through the Juniper Networks Technical Assistance Center (JTAC). If you are a customer with an active J-Care or JNASC support contract, or are covered under warranty, and need post-sales technical support, you can access our tools and resources online or open a case with JTAC.

- JTAC policies—For a complete understanding of our JTAC procedures and policies, review the JTAC User Guide located at <http://www.juniper.net/us/en/local/pdf/resource-guides/7100059-en.pdf>.
- Product warranties—For product warranty information, visit <http://www.juniper.net/support/warranty/>.
- JTAC hours of operation—The JTAC centers have resources available 24 hours a day, 7 days a week, 365 days a year.

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:

- Find CSC offerings: <http://www.juniper.net/customers/support/>
- Search for known bugs: <http://www2.juniper.net/kb/>
- Find product documentation: <http://www.juniper.net/techpubs/>
- Find solutions and answer questions using our Knowledge Base: <http://kb.juniper.net/>
- Download the latest versions of software and review release notes: <http://www.juniper.net/customers/csc/software/>
- Search technical bulletins for relevant hardware and software notifications: <https://www.juniper.net/alerts/>
- Join and participate in the Juniper Networks Community Forum: <http://www.juniper.net/company/communities/>
- Open a case online in the CSC Case Management tool: <http://www.juniper.net/cm/>

To verify service entitlement by product serial number, use our Serial Number Entitlement (SNE) Tool: <https://tools.juniper.net/SerialNumberEntitlementSearch/>

Opening a Case with JTAC

You can open a case with JTAC on the Web or by telephone.

- Use the Case Management tool in the CSC at <http://www.juniper.net/cm/> .
- Call 1-888-314-JTAC (1-888-314-5822 toll-free in the USA, Canada, and Mexico).

For international or direct-dial options in countries without toll-free numbers, see <http://www.juniper.net/support/requesting-support.html> .

Revision History

June 2010—Revision 1, CTPView Release 4.0

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