



Cisco Prime Optical 9.6.3 Release Notes

March 8, 2013

These release notes provide an overview of the release and describe how to access bugs for Cisco Prime Optical 9.6.3.



Note

You can access the most current Prime Optical 9.6.3 documentation, including these release notes, online at http://www.cisco.com/en/US/products/ps11670/products_documentation_roadmaps_list.html.

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Introduction

Cisco Prime Optical (formerly Cisco Transport Manager) is a carrier-class, multitechnology management system that integrates the end-to-end management of traditional transport networks and new carrier packet transport networks. It can help maintain the integrity of existing services, plus deliver interactive, content-based services and high-bandwidth applications.

Cisco Prime Optical manages the entire Cisco optical portfolio, including:



- Metro core
- Metro dense wavelength-division multiplexing (DWDM)
- Metro edge and access products
- New Carrier Packet Transport (CPT) System products

Prime Optical also serves as a foundation for integration into a larger overall Operations Support System (OSS) environment by providing northbound gateway interfaces to higher-layer management systems.

New Features and Enhancements

Prime Optical 9.6.3 is an update to Cisco Prime Optical 9.6.

[Table 1](#) describes new features and enhancements in Prime Optical 9.6.3.

Table 1 *New Features and Enhancements in Prime Optical 9.6.3*

Feature Update	Description
Installation Enhancements	
Installation Procedure	The procedure to install Prime Optical has been streamlined.
Ability to uninstall unsuccessful installations	You can uninstall Prime Optical even if your previous installation was unsuccessful or incomplete. The uninstaller will remove all changes made to the system.
Third-party tools	The following third-party tools have been upgraded for Prime Optical R9.6.3: <ul style="list-style-type: none"> • Apache 2.2.23 • Java 7 (only for Prime Optical clients on Windows operating systems)
Ability to install Prime Optical on RHEL 6.2	You can install and run the Prime Optical server and client on the Red Hat Linux 6.2, 64-bit operating system.
Ability to install Prime Optical 9.6.3 on your home directory	The Prime Optical 9.6.3 client is installed on your home directory
Server/Client Platform Enhancements	
Added support for external authentication on TACACS+ servers	Prime Optical 9.6.3 supports external authentication on TACACS+ servers.
Optical Enhancements	
Ability to manage the AR_XPE card	The AR_XPE card is an enhanced version of the AR_XP card. New functionality includes the following features: <ul style="list-style-type: none"> • Support for new ODU0 multiplexing for 1GE and 1GFC payloads. • Support for new ODU0 payload mapping during OCHCC circuit creation. • Addition of RMON thresholds for 10GE and 4GFC payloads. • Bandwidth utilization panel to show ODU0 slices. • Support for new ODUK port mapping.

Table 1 *New Features and Enhancements in Prime Optical 9.6.3 (continued)*

Feature Update	Description
Support for 100G_LC_C, 10x10G_LC, and CFP_LC cards	<p>Prime Optical includes the following new functionality for the 100G_LC_C, 10x10G_LC, and CFP_LC cards:</p> <ul style="list-style-type: none"> • GCC communication channel support. • Payload support for 10x10G_LC. • OTU4 payload support for 100G_LC_C. • Physical PM support on 100G_LC_C. • FAN-OUT and LOW-LATENCY operating mode for 10x10G_LC. • The following protection mechanism for the cards: <ul style="list-style-type: none"> – Y-Cable protection for 1x100G and 2x40G clients for CFP_LC. – Y-Cable protection for all supported payloads in 10x10G Muxponder and TXP_10G Transponder mode for 10x10G_LC. • Proactive Protection Regen tab for 100G_LC_C card. <hr/> <p>Supports the operating mode setting. You can perform the following operations:</p> <ul style="list-style-type: none"> • Create or delete an operating mode. • Add or remove a peer card.
GUI and Prime Optical GateWay/CORBA support for 15216-FBGDCU-XXX and 15216-MD-48 modules	<p>Prime Optical provides the following new functionality:</p> <ul style="list-style-type: none"> • GUI and Prime Optical GateWay/CORBA support for internal patch cord and link management for the 15216-FBGDCU-XXX modules. The passive units are: <ul style="list-style-type: none"> – 15216-FBGDCU-165-XXX – 15216-FBGDCU-331-XXX – 15216-FBGDCU-496-XXX – 15216-FBGDCU-661-XXX – 15216-FBGDCU-826-XXX – 15216-FBGDCU-992-XXX – 15216-FBGDCU-1157-XXX – 15216-FBGDCU-1322-XXX – 15216-FBGDCU-1653-XXX – 15216-FBGDCU-1983-XXX • Prime Optical GateWay/CORBA support for new card management on 15216-MD-48 modules. The passive units are: <ul style="list-style-type: none"> – 15216-MD-48-ODD – 15216-MD-48-EVEN – 15216-MD-48-CM

Table 1 *New Features and Enhancements in Prime Optical 9.6.3 (continued)*

Feature Update	Description
New Side Monitoring tab	A new Side Monitoring tab under the Provisioning tab of the node properties pane is shown for the following NEs: <ul style="list-style-type: none"> • ONS 15454 SONET NE Explorer • ONS 15454 SDH NE Explorer
Support for GMPLS restoration	Prime Optical supports the following new functionality for GMPLS circuits: <ul style="list-style-type: none"> • Ability to provision the Restoration and Revert operations during WSON circuit creation. • Ability to modify the Restoration and Revert operations after WSON circuit creation. • Ability to manage the Restoration and Revert operations on created WSON circuits.
New WSON tab	A new WSON tab has been added to the NE Explorer > Provisioning > DWDM node properties pane, for ONS15454 NEs to manage alarms that caused GMPLS circuit restoration. You can do the following: <ul style="list-style-type: none"> • Proceed to affected circuits • Perform alarms acknowledgement
Support for multiple deletions in the RMON Thresholds tab	You can perform multiple deletions of the RMON thresholds for the 100G_LC, 10x10G_LC, AR_XP, and AR_MXP cards.
Ability to support Ingress Rate Limit to the CVLAN profile	Prime Optical 9.6.3 supports Ingress Rate Limit to the CVLAN profile for the 10GE_XP card.
Support for Protection Operations	Prime Optical supports the new Link Maintenance Report, including the following new functionality on the OCHCC, OCHNC, and OCHTRAIL circuits: <ul style="list-style-type: none"> • Display the list of protected circuits • Display the active path on the link • Perform protection switch operations
New Alarm Conditions tab	A new Alarm Conditions tab under the Provisioning tab of the node properties pane is shown for the NEs.
CRS-1/3 platform managed as a CRS NE	In Prime Optical 9.6.3, the CRS-1/3 platform is managed as a CRS NE.
Ability to search for circuits	In Prime Optical 9.6.3, you can perform a global or contextual search for circuits from a Network Map.
Ability to highlight circuits	Prime Optical 9.6.3 allows you to highlight NEs, links, and groups that are connected by a particular circuit, on the Network Map.
New Circuit Report	The new circuit report allows you to view the source and destination termination points of a circuit.
Link Attributes	Prime Optical 9.6.3 allows you to: <ul style="list-style-type: none"> • View the DWDM side of a link on the network map. • View the link utilization.
Spans Report	You can view and export data from a dockable Spans report for a circuit.

Table 1 *New Features and Enhancements in Prime Optical 9.6.3 (continued)*

Feature Update	Description
New NE Domain table	You can view the new NE domain table and do the following: <ul style="list-style-type: none"> • Change NE state • Open NE Explorer • Open Domain Explorer • Open Equipment Inventory Table • Set (Robust) PM Collection State
Features Removed	
Tabs in the Logging Properties pane	The following tabs have been removed from Control Panel > Logging Properties pane: <ul style="list-style-type: none"> • Logging Properties tab and all of its subtabs: <ul style="list-style-type: none"> – General tab – SNMP Trap Service Debug tab – Basic Service Debug tab • Net Service Debug tab and NE Service subtab • Debug tab and PM Service subtab

Prime Optical-Supported NE Software Releases

Before updating the software image on an NE, verify whether the NE software version is supported in this Prime Optical release. If you add an unsupported NE software version, the Prime Optical server might not communicate with one or more NEs in the domain, causing erroneous behavior.

For a list of NE software releases supported in Prime Optical 9.6.3, see [Cisco Prime Optical 9.6.3 Supported Devices](#).

Deprecated Features

Table 2 lists the features that will not be supported after Prime Optical 9.6.3:

Table 2 *Deprecated Features*

Features

Configuration of L2 properties, including the following:

- Discovery and provisioning of TP Tunnel
 - Ethernet service supported in CPT 200 and CPT 600 platforms
-

NE Explorer

The following operations listed under the NE Explorer Provision menu:

- Channel Groups
 - MPLS-TP
 - Pseudowire Class
 - QoS
 - ServiceAlarm
 - Timing
-

Domain Explorer

The following operations listed under the Domain Explorer Configuration > PT System > Provision menu:

- Create TP Tunnel
 - Create Pseudowire
 - Create EVC
 - QoS Provisioning
 - QoS Editor
-

The following operations listed under the Configuration > PT System > Display:

- TP Tunnel Table
 - Pseudowire Table
 - EVC Table
-

The following operations listed under the Configuration > PT System > Advanced Troubleshooting:

- TP Tunnel Cross-Connect Tale
 - Pseudowire Cross_Connection Table
 - EVC Cross-Connection Table
 - Refresh L2 Service Data Discovery
-

Prime Optical 9.6.3 Bugs

For more information on a specific bug or to search all bugs in Prime Optical, see [Using the Bug Toolkit](#), page 15.

This section contains the following information:

- [Resolved Bugs](#), page 7
- [Open Bugs](#), page 8
- [Using the Bug Toolkit](#), page 15
- [Documentation Errata](#), page 16

Resolved Bugs

[Table 3](#) lists bugs that exist in Prime Optical 9.6 (specifically after 009.006.200) and now resolved in Prime Optical 9.6.3.

Table 3 *Resolved Bugs in Prime Optical 9.6.3*

Bug ID	Description
CSCth68019	For the getTPHistoryPMDData API, CTM GateWay/CORBA does not retrieve historical and real-time PM data on transmit (Tx) ports of the DS-n layer rate. CTM GateWay/CORBA retrieves PM data only on receive (Rx) ports.
CSCtl50071	The GateWay/CORBA SetTpData API seldom works on connection termination points (CTPs) on ONS 15600 NEs.
CSCtx65506	The CORBA/GateWay getAllProtectionGroups API returns an exception for AR_XP and AR_MXP cards when a Y-cable protection has been created and deleted several times.
CSCty94991	Prime Optical Server services abort after a server boot or an opticalctl start command is issued.
CSCtz61315	Japanese characters do not show when the Prime Optical client is running on Microsoft Windows.
CSCua14682	The GEO Manager console does not handle some failover conditions correctly.
CSCua36411	It is possible to set invalid values for Recovery Pulse Duration and Recovery Pulse Interval parameters within Auto Laser Shutdown panel for 100G_LC_C, 10x10G_LC, CFP_LC cards.
CSCua80676	A server-side error appears when a 100G TERMINAL loopback is provisioned.
CSCub10488	The Cisco ONS 15305 NE service is not responsive or stable.
CSCub10505	The number of Cisco ONS 15305 NE service threads keeps increasing.
CSCub22492	TP Tunnel BW values are not updated on midpoint NEs.
CSCub69779	Some queries on the database (such as Edit>Find>SDH circuits) may fail because of a timeout.
CSCub69789	The find operation (Edit>Find) for Sonet/SDH circuits may fail because of a database timeout.
CSCub76389	Port numbers are not shown on the NE Explorer Line Config tab for the DS1_E1_56 card.
CSCub86754	Prime Optical does not receive 15305 SNMP trap alarms.
CSCub96102	Prime Optical does not receive Cisco ONS 15305 SNMP trap alarms.
CSCuc18588	Sometimes, the Prime Optical Client freezes and the server restarts when launching a secure CLI on an ML card. It can also happen when launching a TL1 interface on NEs configured with a secure TL1 access.
CSCuc26220	After some time, the description field inside Domain Explorer disappears for Cisco ONS 15454 9.21 nodes.

Table 3 *Resolved Bugs in Prime Optical 9.6.3 (continued)*

Bug ID	Description
CSCuc31277	Prime Optical hangs or quits when several tables and maps are opened simultaneously.
CSCuc73278	In the HA GEO setup on Linux, dbora script starts oracle database in Open mode instead of Mount mode.
CSCuc76776	In the Network Map, the color of the link is not automatically refreshed when an alarm affecting the link is raised or cleared.
CSCud21205	When launching a circuit trace from the Link Utilization window, a trace for a wrong circuit is shown or trace is not displayed.
CSCud24453	Prime Optical fails to set NE defaults when a customized NE Defaults file is used.
CSCud53151	The Prime Optical server crashes in a High Availability set-up and fails to switch to the secondary server.
CSCud55995	Restoration of Prime Optical database fails due to missing archive logs.
CSCud69697	Prime Optical fails to retrieve 90-day Alarm Log reports.
CSCud76911	Configuration of GateWay/CORBA static ports fails.
CSCud79574	The Prime Optical server crashes in a High Availability set-up and fails to switch to the secondary server.
CSCud91025	Prime Optical fails to start the secondary server when a session fails in the High Availability mode.
CSCue06190	The GateWay/CORBA getTP API does not return additional information for AR_XP, AR_MXP, and OTU2_XP cards in the Proactive Protection Regen mode.
CSCue28403	Optical Physical PM data is not displayed inside the PM table for 15454 MSTP nodes.
CSCue35811	At times Prime Optical fails to load NE defaults in the NE Default tab.
CSCue40832	An EMS alarm is not raised for Oracle errors.
CSCue48150	The description for TP tunnel is not set or updated on mid-points.
CSCue61547	The AutoPorts tab appears blank for AR_XP, AR_XPE, and AR_MXP cards provisioned on CPT 9512.

Open Bugs

Table 4 lists open bugs in Prime Optical 9.6.3. To view more details and possible workaround information for a particular bug, see [Using the Bug Toolkit, page 15](#).

Table 4 *Open Bugs in Prime Optical 9.6.3*

Bug ID	Description
CSCtd21907	When the auto-acknowledge option is enabled in the control panel and an alarm is raised, the Ack Time Stamp field in the Alarm Browser is left blank.
CSCtd40814	A timeout occurs when launching the Link table from the CTM domain for a SuperUser.
CSCth13333	It takes a long time for links to become invalid after marking a number of NEs Out of Service.
CSCti05620	Cannot change General Timing values on ONS 15454-M2 and ONS 15454-M6 NEs.
CSCti05740	Cannot change Timing Reference List values on ONS 15454-M2 and ONS 15454-M6 NEs.
CSCti13083	1-day historical Optical Physical PM data is not plotted in the Graph tab.
CSCti22837	The NE Explorer displays blank rows on GE-XP Ether ports for DS1/E1 and DS3/E3 tabs.
CSCtj58927	It takes a long time to open the SVLAN table for a group of NEs.

Table 4 Open Bugs in Prime Optical 9.6.3 (continued)

Bug ID	Description
CSCtk17643	If you try to add an NE that was previously deleted from CTM, an error message indicates that the IP address already exists.
CSCtk48145	When you open the Domain Explorer and select a CRS-1 or ONS 15454 NE and then change the selection, the following message is displayed: Property sheet has been changed. Do you really want to discard changes? The client hangs with the message Retrieving data, please wait shown in the bottom left corner of the Domain Explorer window.
CSCtn16936	An EID 333: Database timeout occurred warning appears on the PM table when you request PM on an SDH higher order virtual container at the NE level.
CSCto14529	The Data Migrator wizard incorrectly allows users to export MGX modules.
CSCto50329	The Refresh Data button in the real-time PM Graph panel does not work.
CSCto86112	A GateWay/CORBA error appears when creating OTS links between passive units (MD 40 ODD, MD 40 EVEN, or FLD-4.xx.x) and 80-WXC cards.
CSCto96709	The GateWay/CORBA SetAdditionalInfo API BFD setting fails if the BFD value is in microseconds.
CSCtq29356	The Reset To Defaults operation fails for fabric card trunk ports on FEC thresholds. Values are not restored to original default values and no error message appears.
CSCtq40320	The TP tunnel operational status is not updated.
CSCtq57156	The Layer 2 Protocols tab under the Ethernet Ports links for PT_10GE_4 and PTSA_GE modules is not updated when the Layer 2 Protocol values are modified by another user.
CSCtq75318	The GateWay/CORBA CreateFTP API gives a channel group creation error when the following set of parameters is not reported: L2ActionLACP = Forward, enableLACP = true.
CSCtq89172	VT circuits remain in DISCOVERED (Split) status in the Circuit table.
CSCtq91998	Ports in use are listed as available in the Channel Group Creation wizard.
CSCtq97423	A policy map is partially downloaded on a CPT NE when an error states that the download failed.
CSCtr12376	When you create a channel group and select a channel group ID that is being used by an NE, the operation fails. However, no error message appears to notify you of the failure.
CSCtr29018	The NE Purge Fail icon does not appear.
CSCts00229	An EID-333 database timeout error appears in the Alarm Log window.
CSCts42329	Some CPT system data (for example, Router ID, IP address, and mask) is not updated when the NE database of the CPT is restored. When this occurs, MPLS-TP tunnel creation also fails.
CSCts63584	A TP tunnel disappears from the Single Service table when you add or remove an LSP.
CSCts85295	Actions are applied incorrectly after provisioning QoS policy maps on CPT nodes.
CSCtt01727	Incorrect parameters are highlighted when applying Lockout to TP Tunnel LSP.
CSCtt07621	The GateWay/CORBA setTCATPPparameter and getTCATPPparameter APIs do not work with the following layer rates: 2. LR_T1_and_DS1_1_5M 5. LR_E1_2M
CSCtt11199	It takes a long time to delete a link.
CSCtt19615	QoS policies are not removed from the Cisco Prime Optical GUI when they are removed via CTC.

Table 4 Open Bugs in Prime Optical 9.6.3 (continued)

Bug ID	Description
CSCtt35017	When you assign large LSP numbers during TP Tunnel creation, the TP Tunnel is provisioned with random LSP number values.
CSCtt99022	The Undiscovered Network Elements folder is duplicated under the Lost and Found folder.
CSCtu37267	When the Circuit table is launched from a slot with partial circuits, some circuits are not displayed.
CSCtw49343	Prime Optical displays the Ethernet port state for CPT600-37 and CPT600-38 devices in slot 3 as Working and Non_Working, respectively. However, the Common Inventory portlet shows the port state as UNKNOWN.
CSCtw72144	The GateWay/CORBA getFiberAttributeResponse API does not return fiber number information.
CSCtx08179	On CPT600 NEs, the Alarm DRY Contacts tab does not work.
CSCtx51883	<p>Incorrect values are displayed for some parameters on NGXP cards, as follows:</p> <ul style="list-style-type: none"> Min PMD ("0" is displayed instead of "N/A") Avg PMD ("0" is displayed instead of "N/A") Min OSNR ("-40" is displayed instead of "N/A") Avg OSNR ("-40" is displayed, instead of "N/A") <p>The corresponding PMD and OSNR Max values correctly report N/A.</p>
CSCtx76183	Auto-sensing cannot be enabled on AR_XP, AR_XPE, and AR_MXP cards.
CSCtx80567	<p>The following counters on AR_XP/AR_MXP real-time payload PM have an N/A value:</p> <p>Real SDI_3G_VIDEO payload provisioned:</p> <ul style="list-style-type: none"> - gfpStatsRxCRCErrors - gfpStatsRxSblkCRCErrors <p>Real ISC3_STP_1G payload provisioned</p> <ul style="list-style-type: none"> - gfpStatsCHecRxMBitErrors - gfpStatsCHecTxMBitErrors
CSCtx89275	The GetActiveMaintenanceOperation API takes very long.
CSCtx91361	The getCTPsAndTopologicalLinks API for OCHCC circuits does not return CTP trunk ports.
CSCty04341	The L2 Link Creation wizard incorrectly allows users to select ports that are already in use.
CSCty04478	LMP Links between Cisco ONS 15454 NEs and ASR9K NEs are invalid.
CSCty13861	Prime Optical hangs while deleting or purging NEs.
CSCty13950	The FOG port type is not shown in the Timing Reference Panel of the NE Explorer for CPT platforms.
CSCty13961	The FOG number is incorrectly labeled as SLOT in the timing reference list panel of the NE Explorer for CPT platforms.
CSCty32780	TP Tunnel creation fails when you provide the list of links to be excluded from the protected path.
CSCty35656	When you are creating an OCHCC on an AR_MXP or AR_XP card configured as a Low Rate TXP_MR 4GFC, the OTN settings are not disabled.
CSCty54556	The WKG-PW-NOT-FRWD alarm raised on CPT nodes is not listed in the Alarm Type drop-down list when querying for alarms affecting services, because of which it is not displayed in the Service Alarm tab.
CSCty58047	A wrong routing calculation is made during EVC provisioning if the user provides a node to be excluded in the routing constraints panel.

Table 4 Open Bugs in Prime Optical 9.6.3 (continued)

Bug ID	Description
CSCty58180	Trunk-to-Filter inter-NE patchcords from AR_XP, AR_XPE, and AR_MXP to WSS filter are duplicated in the Link table.
CSCty58378	For a node connected to IPv6, the Domain Explorer displays an IPv4 IP address instead of the IPv6 address.
CSCty64467	An error is reported while trying to set ptsa_50 ports as references for NE timing.
CSCty70082	The GateWay/CORBA getEMS API returns a negative system.uptime value.
CSCty70352	Trunk-to-Filter inter-NE patchcords appear invalid and duplicated in the Link table, after they are deleted via CTC while NEs are in the OOS state.
CSCty77589	Incorrect protection type is displayed for splitter-protected OCHCC circuits on some AR_XP, AR_XPE, and AR_MXP card configurations.
CSCty80524	The ProvideSync check box in PT System > Timing panel is not aligned even after refreshing data from the NE.
CSCtz09492	The WK-PW-CC-DOWN alarm is displayed in the Conditions tab even after the alarm is cleared.
CSCtz56218	On Linux operating systems, the Prime Optical client window cannot be moved to the corner of the screen.
CSCua12148	OCHCC circuits between 100G-LC cards that should not be promoted to WSON, are incorrectly promoted.
CSCua63019	TCA notifications are raised even when SIGLOSS and SQUELCHED alarms are active on 10x10G_LC cards.
CSCua75296	Cannot set Ethernet port parameters on CPT platform after NE re-sync.
CSCua76080	Changing the value of a parameter back to its default value fails on 10x10G_LC, 100G_LC_C, and CFP_LC cards.
CSCua80818	It is not possible to add a static route on a node.
CSCua93147	In a 10GE port of a 10x10_LC card in ONS 15454 network elements, the Line, and Ethernet reports the values GFP, CBR, and TRP. However, it is not possible to sent the values.
CSCua93522	An incorrect html file is exported to the Cisco Prime Optical client in CFP-TXP configuration with Multishelf NEs.
CSCua93840	PM data on NEs cannot be retrieved after the first attempt.
CSCub02064	Users not belonging to Optgrp have permission to execute some files.
CSCub08344	While trying to delete or purge a large number of NEs, some NEs are not deleted.
CSCub16174	The undelete operation moves NEs under the root node of the Domain Explorer topology tree and not under the group to which the NE belongs.
CSCub19072	A CRS network element is not rediscovered if it was previously deleted from Cisco Prime Optical.
CSCub29130	The server does not respond while attempting to create a circuit, or disconnect from a node.
CSCub50221	When you configure Prime Optical as a suite component to integrate with Prime Central, the DMIntegrator.sh script fails during integration and displays the following error: Exception in thread "main" com.cisco.prime.dminventory.model.SubsystemInventoryException: Subsystem type=opt with comURI=opt://opt:<id> already exists. Remove it before insertion.
CSCuc00836	An error occurs when the Data Migrator tries to read the export file.
CSCuc19526	Prime Optical does not allow you to provision protected LO VCAT circuits with split routing option. The following error message is displayed: EID 1038: Failed to set LO Options
CSCuc23883	Historical PM data is not collected if the NE time is set to be ahead of the server time.

Table 4 Open Bugs in Prime Optical 9.6.3 (continued)

Bug ID	Description
CSCuc46127	The PM graph is not plotted.
CSCuc58017	Some circuits remain in Partial state and do not get updated.
CSCuc73059	An error message appears after the user clicks the Launch ANS Wizard... button. This occurs when uploading a CTP.xml file to perform an ANS.
CSCuc77125	A user without permission to manage L1 circuits, can still view L1 circuits.
CSCuc81957	While creating a circuit using manual routing, the correct direction cannot be set on a link unless the link is clicked four times.
CSCuc83581	The GateWay/CORBA does not send notifications for protection switch events related to Cisco 15454 NEs.
CSCuc83801	If the Oracle database is not running when a patch is applied, Prime Optical fails to start.
CSCuc83952	The Username column of the Audit Log reports "Internal" instead of the username.
CSCuc96032	Cisco Prime Optical installation fails if the Oracle SID contains an underscore (_), followed by a high numeric value. The following Oracle error is reported: ERROR at line 1 ORA-03113: end-of-file on communication channel
CSCuc98549	The Network Map node tree view is not updated after adding badges.
CSCud09849	By default, Prime Optical displays the following directories and their contents from a web browser: <ul style="list-style-type: none"> • http://server/admin • http://server/ctc • http://server/ClientBinary • http://server/log
CSCud29013	The SONET threshold trunk port values are not restored to their default values for 10x10G_LC cards.
CSCud34652	When a new circuit is created, the Circuit Report does not notify the user.
CSCud38820	Cannot create pluggable ports in AR_XP, and AR_MXP in MSTP cards in the branch cpo_cpt_fb for CPT 600 NE with software version - 09.51-012F-15.12-SPA
CSCud41204	The Attenuator Value column in the Optical Line and Amplified Optical Line tabs is not displayed for MSTP cards.
CSCud41223	The Pwr OSC Failure column is not displayed for 40_SMR2_C MSTP cards.
CSCud41243	The Proactive Protection Regen tab is not displayed for OTU2_XP card.
CSCud48153	Protected SVLAN cannot be created. The following error message is displayed: EID-1096:Failed to provision the svlan, Sanity check failed on svlan circuit.Too many master nodes defined in the ring.
CSCud50684	Non-OTU ports are reported in Real Time OTN PM Query in FANOUT mode.
CSCud50791	Creating a circuit between two different nodes does not work from the Circuit Report.
CSCud64278	The wavelength and sides are not displayed in the circuit trace of an STS circuit running on an ADM10G OCHTRAIL.
CSCud79439	The Prime Optical web server is not accessible when another web server is installed and running.
CSCud88078	While changing the OCHTRAIL name of a WSON OCHNC circuit that was promoted to OCHCC, the status, service state, and protection type changes.

Table 4 *Open Bugs in Prime Optical 9.6.3 (continued)*

Bug ID	Description
CSCud93384	The Equipment Inventory table for an ONS 15310 MA with an ML100T card shows rows in reference to SFPs that do not exist on the card.
CSCue06182	The Circuit report is not refreshed when launched from the Affected Circuits menu item from the Alarm Browser.
CSCue09137	Some of the affected circuits are not listed after clicking Affected Circuits from the WSON tab.
CSCue21080	Perform Protection Switch Operation is disabled in the Link Maintenance report for OCHCC splitter-protected circuits that have different wavelengths between trunk ports.
CSCue21112	Prime Optical does not display an error message when circuit deletion fails and the status changes to Partial.
CSCue28221	A general error appears when an OCHNC circuit with an incorrect alien wavelength is promoted to WSON.
CSCue30805	Duplicate CPTs are reported in the CPTs circuit report for DWDM circuits.
CSCue34769	You cannot sort the threshold values in the Provisioning > Line > RMON Thresholds tab.
CSCue35539	The Active User table is not automatically refreshed when auto-refresh is enabled.
CSCue52539	CPO command soft links under /usr/bin are not created during Prime Optical server installation (standalone mode) when an IP address is used instead of a host name.
CSCue54963	Optusr users can access alarms on NEs listed in the CPTs circuit report that are not part of their domain.
CSCue55025	The mouse pointer displays the link creation symbol even after a link is created on the Network Map.
CSCue57404	The Circuit Creation wizard does not appear when trying to create a circuit from a circuit report.
CSCue61701	The title of a Circuit report appears blank or incorrect when opened from cards, shelves, or alarms.
CSCue62554	The Network Map incorrectly indicates a ROADM side.
CSCue65417	The CLI cannot be launched from ML cards.
CSCue65824	An OCHCC circuit created with splitter protection (not GMPLS) and two different wavelengths is routed incorrectly. The working and protected paths follow the same route.
CSCue66176	The OCHTRAIL circuit appears twice in the Link Utilization table.
CSCue68181	In the Network Map, the link between expanded groups disappears after saving map coordinates.
CSCue68203	The Alarm and Connection state configuration is not saved in the Global Network Map configuration.
CSCue68300	Sometimes, Prime Optical continues to zoom in the Network Map and it cannot be stopped.
CSCue68485	Group disappears after clicking Expand/Collapse Group from the Properties pane.
CSCue68630	A customized background is not applied to the Parent Map.
CSCue68768	The Data Migrator export operation fails when there is a high number of TCAs (millions).
CSCue70386	User cannot set CTC username shorter than 6 characters.
CSCue70935	Prime Optical uses an incorrect alarm log to check the DB alarm during a Linux HA installation.
CSCue70956	When a Circuit report is manually refreshed, it does not retrieve the new path of a circuit. Instead, the old path is displayed.
CSCue70963	The GateWay/CORBA getTP API returns LR_GFP_Multirate on 10x10GLC PTP configured in LOW LATENCY operating mode.
CSCue70982	For 100G_LC transmission parameters, the GateWay/CORBA getTP API returns an empty value for AlarmReporting.
CSCue71154	After installing Prime Optical with an embedded Oracle database in an HA Linux environment, DB Flashback is not enabled.

Table 4 Open Bugs in Prime Optical 9.6.3 (continued)

Bug ID	Description
CSCue73649	On some MSTP nodes, there is no Node or Rack view.
CSCue73706	The GateWay/CORBA getEquipment API retrieves incorrect client ports for the AR_XPE ODU0 virtual interface.
CSCue73765	Multiple Operation windows can be opened from the Link Maintenance report.
CSCue73790	In the Link Maintenance report, a forced switch operation can be cleared by clicking Unlock.
CSCue75551	You cannot create manual transmission links with OPT_AMP_17C and OPT_AMP_C cards because PTPs are not available for creation.
CSCue75677	The NE Explorer hangs when attempting to locate faults related to the CP-UNVER-CLEARED alarm.
CSCue77032	After you provision some CRS parameters, the audit log reports incorrect shelf, slot, and port information within the CM message.
CSCue77991	Unsupported FEC values are available for selection from the OTN tab of a PLIM 100G card. If an unsupported value is selected, nothing happens, and the previous value appears.
CSCue78201	Sometimes, Prime Optical displays different CRS PLIM values than that set by the user.
CSCue78320	When creating a WSON OCHTRAIL circuit, the Proactive Protection parameters in the circuit creation wizard may have incorrect values. Sometimes the retrieved values shown are -1 (OCHTRAIL from TXP to PLIM) see attached snapshot. Other times (PLIM to TXP, PLIM to PLIM) the circuit creation fails leaving ports in service.
CSCue78708	The Alarm Behavior setting does not work on CFP-LC card GE ports.
CSCue78727	The NE Explorer is blank and cannot be closed after some provisioning operations.
CSCue78784	Circuit report does not open for a given alarm. Instead, an error appears in the Java console.
CSCue78983	The Network Map does not automatically refresh after the state of a link changes.
CSCue79023	The circuit search and circuit report operations do not work when selecting OTT links from the Network Map.
CSCue80942	The Network Map hangs after deleting managed NEs.
CSCue81232	When using a GateWay/CORBA API to delete an OCHTRAIL GMPLS circuit, related ports are left in service state. In that situation, to create a circuit again starting from the same ports, it is mandatory to change the port state directly
CSCue81463	When auto-refresh is enabled, the Circuit report does not notify when new circuit is created.
CSCue81645	LMP links involving CRS are not discovered with ONS NEs with version 9.602.
CSCue87640	There is no data in the L2 Topology table.
CSCue89127	In the Reroute Wavelength window for WSON circuits, the working path is shown as incomplete. Part of the circuit passing through LMP links shows only one direction.
CSCue89519	The wrong trunk payload type is shown in the CTPs report when FANOUT mode is configured.
CSCue89908	Recreating a circuit from the Circuit Report fails under specific conditions.
CSCue92245	In the Network Map, the link utilization tooltip gets updated as soon as OTS is changed, and does not wait for the polling interval to expire.
CSCue92650	Circuits remain in partial state after a node is moved out of service and back in service.
CSCue92862	The SVLAN table hangs while attempting to refresh data.
CSCue94609	The Proactive Revert alarm from CRS PLIM is incorrectly managed.

Table 4 Open Bugs in Prime Optical 9.6.3 (continued)

Bug ID	Description
CSCue95118	When the CTPs and Spans reports are open, the Circuit report hangs after receiving certain notifications.
CSCue95287	From the NE explorer, you cannot create an SDCC on 15310_CL NEs.
CSCuf06126	While searching for circuits from the Network Map, Prime Optical displays circuits that have been deleted via CTC.

Using the Bug Toolkit

This section explains how to use the Bug Toolkit to search for a specific bug or to search for all bugs in a release.

Step 1 Go to <http://tools.cisco.com/Support/BugToolKit>.

Step 2 At the Log In screen, enter your registered Cisco.com user name and password; then, click **Log In**. The Bug Toolkit page opens.



Note If you do not have a Cisco.com user name and password, you can register for them at <http://tools.cisco.com/RPF/register/register.do>.

Step 3 To search for a specific bug, click the **Search Bugs** tab, enter the bug ID in the Search for Bug ID field, and click **Go**.

Step 4 To search for bugs, click the **Search Bugs** tab and specify the following criteria:

- Select Product Category—**Network Management and Automation**.
- Select Products—**Cisco Transport Manager**.



Note Do not enter Cisco Prime Optical. *Cisco Prime Optical* is the new product name for the former *Cisco Transport Manager*. At this time, the Bug Toolkit does not accept Cisco Prime Optical as the product name.

- Software Version—Select a particular release or select **Any**.



Note The Bug Toolkit does not support search at the x.x.x release level; for example, 9.6.3. It supports search only to the x.x level; for example, 9.6.

- Search for Keyword(s)—Separate search phrases with boolean expressions (AND, NOT, OR) to search within the bug title and details.
- Advanced Options—You can either perform a search using the default search criteria or define custom criteria for an advanced search. To customize the advanced search, click **Use custom settings for severity, status, and others** and specify the following information:
 - Severity—Choose the severity level.
 - Status—Choose **Terminated**, **Open**, or **Fixed**.

Choose **Terminated** to view terminated bugs. To filter terminated bugs, uncheck the Terminated check box and select the appropriate suboption (Closed, Junked, or Unreproducible) that appears below the Terminated check box. Select multiple options as required.

Choose **Open** to view all open bugs. To filter the open bugs, uncheck the Open check box and select the appropriate suboptions that appear below the Open check box. For example, if you want to view only new bugs in Prime Optical 9.6, choose only **New**.

Choose **Fixed** to view fixed bugs. To filter fixed bugs, uncheck the Fixed check box and select the appropriate suboption (Resolved or Verified) that appears below the Fixed check box.

- **Advanced**—Check the **Show only bugs containing bug details** check box to view only those bugs that contain detailed information, such as symptoms and workarounds.
- **Modified Date**—Choose this option to filter bugs based on the date when the bugs were last modified.
- **Results Displayed Per Page**—Specify the number of bugs to display per page.

Step 5 Click **Search**. The Bug Toolkit displays the list of bugs based on the specified search criteria.



Note

In the search results, the headlines and Release-note enclosures might contain both *Cisco Prime Optical* and *Cisco Transport Manager* product names. For example, if a bug applies to both Prime Optical 9.6 and CTM 9.2, the headline and Release-note enclosure contain the earlier CTM product terminology.

Step 6 To export the results to a spreadsheet:

- a. In the Search Bugs tab, click **Export All to Spreadsheet**.
- b. Specify the filename and location at which to save the spreadsheet.
- c. Click **Save**. All bugs retrieved by the search are exported.

If you cannot export the spreadsheet, log into the Technical Support website at <http://www.cisco.com/cisco/web/support/index.html> or contact the Cisco Technical Assistance Center (TAC).

Documentation Errata

The information under the topic “Restoring a Deleted NE” and the Undelete item in “Table A-6, Edit Menu Tools Descriptions” present in the Prime Optical 9.6.3 Online Help is outdated. Please refer to [Restoring a Deleted NE](#) section of the Cisco Prime Optical 9.6.3 User Guide for updated information.

Related Documentation

See the [Cisco Prime Optical 9.6.3 Documentation Overview](#) for a list of Prime Optical 9.6.3 guides.

Accessibility Features in Prime Optical 9.6.3

All product documents are accessible except for images, graphics and some charts. If you would like to receive the product documentation in audio format, braille, or large print, contact accessibility@cisco.com.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>.

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