



Release Notes for Cisco ONS 15310-CL Release 8.6

OL-19082-01
March 2009

Release notes address closed (maintenance) issues, caveats, and new features for the Cisco ONS 15310-MA platform. For detailed information regarding features, capabilities, hardware, and software introduced with this release, refer to Release 8.5.1 version of the *Cisco ONS 15310-CL and Cisco ONS 15310-MA Procedure Guide*; Release 8.5.1 version of the *Cisco ONS 15310-CL and Cisco ONS 15310-MA Reference Guide*; and Release 8.5.1 version of the *Cisco ONS 15310-CL and Cisco ONS 15310-MA Troubleshooting Guide* and Release 8.5.1 version of the *Cisco ONS SONET TLI Command Guide*. For the most current version of the Release Notes for Cisco ONS 15310-CL Release 8.6, see the following URL:

http://www.cisco.com/en/US/products/hw/optical/ps2001/prod_release_notes_list.html

Cisco also provides Bug Toolkit, a web resource for tracking defects. To access Bug Toolkit, see the following URL:

<http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs>

About Release 8.6

Cisco ONS 15310-CL Release 8.6 does not include any new features.

The Release Notes for Cisco ONS 15310-CL Release 8.6 contain closed (maintenance) issues and caveats found in Cisco ONS 15310-CL Release 8.6.

Contents

[Changes to the Release Notes, page 2](#)

[Caveats, page 2](#)

[Resolved Caveats for Release 8.6, page 2](#)

[New Features and Functionality, page 5](#)



Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

© 2009 Cisco Systems, Inc. All rights reserved.

[Related Documentation, page 5](#)

[Obtaining Optical Networking Information, page 5](#)

[Obtaining Documentation and Submitting a Service Request, page 6](#)

Changes to the Release Notes

This section documents supplemental information that has been added to the *Release Notes for Cisco ONS 15454 Release 8.6* since the production of the Cisco ONS 15454 System Software CD for Release 8.6.

Caveats

Review the notes listed below before deploying the Cisco ONS 15454. Caveats with tracking numbers are known system limitations that are scheduled to be addressed in a subsequent release. Caveats without tracking numbers are provided to point out procedural or situational considerations when deploying the product.

There are no open caveats for this release.

Resolved Caveats for Release 8.6

This section documents caveats resolved in Release 8.6.

Alarms

This section documents resolved caveats for Alarms in Release 8.6.

CSCsj96051—CE100 port transitions from IS,AINS to IS when CARLOSS alarm is raised

Ports on CE1000 and CE100T cards with a CARLOSS alarm will transition into IS state, if the state is changed from OOS,DSBLD to IS,AINS and provisioned with zero soak-time. This issue has been resolved.

Common Control Cards

This section documents resolved caveats for Common Control Cards in Release 8.6.

CSCsr41128—TCC card reboots when many sockets are created

The traffic from a port scanner creates many sockets, causing the TCC card to reboot. This issue has been resolved.

CTC

This section documents resolved caveats for CTC in Release 8.6.

CSCsi29266— CTC displays BIC_UNKNOWN

The CTC inventory window displays BIC_UNKNOWN, when EIA BIC is not installed in either the A or B position on ONS 15454-SA or 15454-SA-HD chassis. This issue has been resolved.

Data I/O Cards

This section documents resolved caveats for Data I/O Cards in Release 8.6.

CSCsm21404—Packet loss with soft reset of CE-MR-6/CE-MR-10 card

The traffic is affected for 1000 milliseconds when a CE-MR-6/CE-MR-10 card is soft reset after an SW-LCAS circuit is created between the CE-MR-6/CE-MR-10 card and the CE-1000-4 card. The traffic is affected for 30 milliseconds when the CE-MR-6/CE-MR-10 card is soft reset after an SW-LCAS circuit is created between the CE-1000 card and the CE-MR-6/CE-MR-10 card. This issue has been resolved.

CSCsq14370—ifspeed query results in incorrect value for circuit size

When queried, the ifspeed parameter returns a value of 1000 for the POS port regardless of the circuit size provisioned on CE-MR-6/CE-MR-10 cards. This issue has been resolved.

CSCsk04872— Multiple Low Order VCATs do not transition to IS when created in TL1 or CTC

In Release 8.0, when multiple members (more than 16) are added to a low-order VCAT group using TL1 scripts or CTC with the service state set to In-Service (IS), not all members report being in IS state. This issue has been resolved.

Maintenance and Administration

This section documents resolved caveats for Maintenance and Administration in Release 8.6.



Caution

VxWorks is intended for qualified Cisco personnel only. Use of VxWorks by customers is not recommended, nor is it supported by the Cisco Technical Assistance Center. Inappropriate use of VxWorks commands can have a negative and service-affecting impact on your network. Consult the troubleshooting guide for your release and platform for appropriate troubleshooting procedures. To exit without logging in, enter a Control-D (press the Control and D keys at the same time) at the Username prompt. To exit after logging in, type “logout” at the VxWorks shell prompt.



Note

Cisco Transport Controller (CTC) does not support adding or creating more than five circuits in auto-ranged provisioning. This restriction is intentional.

**Note**

In releases earlier than Cisco ONS Release 4.6, you could independently set proxy server gateway settings; however, with Cisco ONS Release 4.6.x and later, this is no longer the case. To retain the integrity of existing network configurations, settings made in a pre-4.6 release are not changed upon upgrading to Cisco ONS Release 7.x. Current settings are displayed in Cisco Transport Controller (whether they were inherited from an upgrade or they were set using the current GUI).

CSCsu49095—Pointer Justification counter does not increment for more than 4 STSs

The Pointer Justification counter does not increment for all STSs on CTX cards on the Cisco ONS 15310-CL node. This issue has been resolved.

CSCsv13893—Admin state change from IS,NR to OOS,DSBLD fails

Changing the admin state of an electrical port or optical port from IS,NR to OOS, DSBLD fails. This issue has been resolved.

CSCsk84133— Unable to archive audit log

The user cannot perform an audit log and the system displays “The archive is up to date” message. This issue has been resolved.

CSCsv14375— Shared secret key greater than 16 characters corrupts after an upgrade

A shared secret key greater than 16 characters corrupts after an upgrade from Release 7.20 to Release 8.52. This issue has been resolved.

NCP

This section documents resolved caveats for NCP found in Release 8.6.

CSCsx37297—FTP port issue for TCP connect Scan

Line cards do not boot up, and software downloading and database synchronization between Active and Standby TSC cards fail under the following condition:

- The FTP server task is blocked at the external FTP socket because of the execution of port scanners.

The workaround is to perform an FTP to the node. This issue has been resolved.

Path Protection

This section documents resolved caveats for Path Protection in Release 8.6.

CSCsw86999 —AIS-V alarm does not clear for STS that does not have circuit created on VT1

An AIS-V alarm does not clear for an STS circuit that does not have a circuit created on VT1. This issue has been resolved.

New Features and Functionality

No new software features are included in Release 8.6.

Related Documentation

This section lists release-specific and platform-specific documents.

Release-Specific Documents

- *Release Notes for the Cisco ONS 15454, Release 8.5.2*
- *Release Notes for the Cisco ONS 15454 SDH, Release 8.5.2*
- *Release Notes for the Cisco ONS 15454, Release 8.5.3*
- *Release Notes for the Cisco ONS 15454 SDH, Release 8.5.3*
- *Release Notes for the Cisco ONS 15310-MA, Release 8.5.3*
- *Release Notes for the Cisco ONS 15454, Release 8.6*
- *Release Notes for the Cisco ONS 15454 SDH, Release 8.6*
- *Release Notes for the Cisco ONS 15310-MA, Release 8.6*

Platform-Specific Documents

- *Cisco ONS 15310-CL and Cisco ONS 15310-MA Procedure Guide*
Provides installation, turn up, test, and maintenance procedures
- *Cisco ONS 15310-CL and Cisco ONS 15310-MA Reference Manual*
Provides technical reference information for cards, nodes, and networks
- *Cisco ONS 15310-CL and Cisco ONS 15310-MA Troubleshooting Guide*
Provides a list of SONET alarms and troubleshooting procedures, general troubleshooting information, transient conditions, and error messages
- *Cisco ONS SONET TL1 Command Guide*
Provides a comprehensive list of TL1 commands
- *Cisco ONS SONET TL1 Reference Guide*
Provides general information, procedures, and errors for TL1
- *Cisco ONS 15310-CL and Cisco ONS 15310-MA Ethernet Card Software Feature and Configuration Guide*
Provides software feature and operation information for Ethernet cards
- *Cisco ONS 15454 Software Upgrade Guide, Release 8.5.x*

Obtaining Optical Networking Information

This section contains information that is specific to optical networking products. For information that pertains to all of Cisco, refer to the [Obtaining Documentation and Submitting a Service Request](#) section.

Where to Find Safety and Warning Information

For safety and warning information, refer to the *Cisco Optical Transport Products Safety and Compliance Information* document that accompanied the product. This publication describes the international agency compliance and safety information for the Cisco ONS 15454 system. It also includes translations of the safety warnings that appear in the ONS 15454 system documentation.

Cisco Optical Networking Product Documentation CD-ROM

Optical networking-related documentation, including Cisco ONS 15xxx product documentation, is available in a CD-ROM package that ships with your product. The Optical Networking Product Documentation CD-ROM is updated periodically and may be more current than printed documentation.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

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

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.

CCDE, CCENT, Cisco Eos, Cisco HealthPresence, the Cisco logo, Cisco Lumin, Cisco Nexus, Cisco StadiumVision, Cisco TelePresence, Cisco WebEx, DCE, and Welcome to the Human Network are trademarks; Changing the Way We Work, Live, Play, and Learn and Cisco Store are service marks; and Access Registrar, Aironet, AsyncOS, Bringing the Meeting To You, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, CCVP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Collaboration Without Limitation, EtherFast, EtherSwitch, Event Center, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, iQuick Study, IronPort, the IronPort logo, LightStream, Linksys, MediaTone, MeetingPlace, MeetingPlace Chime Sound, MGX, Networkers, Networking Academy, Network Registrar, PCNow, PIX, PowerPanels, ProConnect, ScriptShare, SenderBase, SMARTnet, Spectrum Expert, StackWise, The Fastest Way to Increase Your Internet Quotient, TransPath, WebEx, and the WebEx logo are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0812R)

© 2009 Cisco Systems, Inc. All rights reserved.