



Release Notes for Cisco ONS 15454 Release 9.01

Revised: July 2009, OL-19111-01

Release notes contain the new features and enhancements for the Cisco ONS 15454 SONET platform. For detailed information regarding features, capabilities, hardware, and software introduced with this release, refer to the “Release 9.0” version of the *Cisco ONS 15454 Procedure Guide*; *Cisco ONS 15454 Reference Manual*; *Cisco ONS 15454 Troubleshooting Guide*; and *Cisco ONS 15454 SONET TLI Command Guide*. For the latest version of the Release Notes for Cisco ONS 15454 Release 9.01, visit the following URL:

http://www.cisco.com/en/US/products/hw/optical/ps2006/prod_release_notes_list.html



Note

The Cisco ONS 15454 Software Release 9.0.1 supports InfiniBand 2.5G SFP on the TXP-MR-2.5G card with the following limitations:

- ITU G.709 is not supported
- No Y-cable or splitter protection
- Link recovery takes about 3 to 20 mins
- IBM server may crash during link recovery
- Payload Performance Monitoring (PM) parameter is not supported

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

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

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Changes to the Release Notes

This section documents supplemental changes that have been added to the *Release Notes for Cisco ONS 15454 Release 9.01* since the production of the Cisco ONS 15454 System Software CD for Release 9.01.

Using the Bug Toolkit

In Cisco ONS 15454 Software Release 9.0 and later, use the Bug Toolkit to view the list of outstanding and resolved bugs in a release. The following sections explain how to use the Bug Toolkit.

Search Bugs

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

Step 1 Go to <http://tools.cisco.com/Support/BugToolkit/action.do?hdnAction=searchBugs> and click **Launch Bug Toolkit**.

You will be prompted to log into Cisco.com.

Step 2 To search for a specific bug, enter the bug ID in the **Search for Bug ID** field and click **Go** in the Search Bugs tab.

To search for all the bugs in a specified release, enter the following search criteria in the Search Bugs tab:

- Select Product Category—Select **Optical Networking**.
- Select Products—Select **Cisco ONS 15400 Series** from the list.
- Software Version—Select **9.0** to view the list of outstanding and resolved bugs in Cisco ONS 15454 Software Release 9.01. The generated list includes bugs for Cisco ONS 15454 Software Release 9.0 and Cisco ONS 15454 Software Release 9.01. Perform “[Retrieve Cisco ONS 15454 Software Release 9.01 Bugs](#)” task on page 5 to filter Cisco ONS 15454 Software Release 9.01 bugs.
- 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, select **Use custom settings for severity, status, and others** and provide the following information:
 - Severity—Select the severity level. Check severity levels 1, 2, and 3.
 - Status—Select **Open, Fixed, or Terminated**.

Select **Open** to view all the open bugs. To filter the open bugs, clear the Open check box and select the appropriate suboptions that appear below the Open check box. The suboptions are New, Held, More, Open, Waiting, Assigned, Forwarded, Postponed, Submitted, and Information Required. For example, if you want to view only new bugs in Cisco ONS 15454 Software Release 9.0, select **New**.

Select **Fixed** to view fixed bugs. To filter fixed bugs, clear the Fixed check box and select the appropriate suboptions that appear below the fixed check box. The suboptions are **Resolved** or **Verified**.

Select **Terminated** to view terminated bugs. To filter terminated bugs, clear the Terminated check box and select the appropriate suboptions that appear below the terminated check box. The suboptions are **Closed**, **Junked**, and **Unreproducible**. Select multiple options as required.

- Advanced—Select 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—Select this option if you want to filter bugs based on the date on which the bugs were last modified.
- Results Displayed Per Page—Select the appropriate option from the list to restrict the number of results that appear per page.

Step 3 Click **Search**.

The Bug Toolkit displays the Search Results page with a list of bugs based on the specified search criteria. You can filter the search results based on severity, status, and/or technology.

Save Bugs

This section explains how to use Bug ToolKit to save the bugs retrieved by your search for the bugs in a specific release.

Step 1 Perform a search.

Repeat [Step 1](#) through [Step 3](#) in the “[Search Bugs](#)” section on [page 2](#).

Step 2 Select the check boxes next to the bug you want to save in the Search Results page and click **Save Checked**.

The Save Bug Settings area appears under the Search Bugs tab.

Step 3 Specify group settings in the **Place in Group** field.

- Existing Group—Select an existing group.
- Create New Group—Enter a group name to create a new group.

Existing groups have their group notification options already set. If you select an existing group, go to [Step 5](#).

Step 4 Specify the following email update (group notification) options.

- No emailed updates—Select if you do not want to receive email updates.
- Yes, email updates to—Enter your email address.
 - On a schedule—Specify the frequency of email delivery.

Step 5 Click **Save Bug**.

The Bug Toolkit saves the selected bugs in the specified group.

Save Search

This section explains how to use Bug ToolKit to save your search after searching for the bugs in a specific release.

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- Step 1** Perform a search.
Repeat [Step 1](#) through [Step 3](#) in the “[Search Bugs](#)” section on [page 2](#).
- Step 2** Click **Save Search** in the Search Results page to save your search with the specified criteria.
The Save Search Settings area appears under the My Notifications tab.
- Step 3** Enter a name for your search in the **Search Name** field.
- Step 4** Specify group settings in the **Place in Group** field.
- Existing Group—Select an existing group.
 - Create New Group—Enter a group name to create a new group.
- Existing groups have their group notification options already set. If you select an existing group, go to [Step 6](#).
- Step 5** Specify the following email update (group notification) options.
- No emailed updates—Select if you do not want to receive email updates.
 - Yes, email updates to—Enter your email address.
 - On a schedule—Specify the frequency of email delivery.
- Step 6** Click **Save Search**.
The Bug ToolKit saves your search in the specified group.
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Retrieve Saved Search or Bugs

This section explains how to use Bug ToolKit to retrieve a saved search or bugs.

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- Step 1** Go to <http://tools.cisco.com/Support/BugToolkit/action.do?hdnAction=searchBugs> and click **Launch Bug Toolkit**.
You will be prompted to log into Cisco.com.
- Step 2** Click **My Notifications** tab.
My Notifications tab displays the Group Name, Summary, and Actions.
- Step 3** Click the group in the Group Name column. The group contains saved search and bugs.
- Step 4** Retrieve saved search or bugs.
- Click the saved search name to display the Search Results page.
 - Click the saved bug to display details or hover your mouse pointer over the Info link.
- The My Notifications tab also provides option to delete bug, delete search, delete group, edit group notifications (in the Actions column), move selected saved search or bugs to different group, and to export saved bugs in all the groups to a spreadsheet.
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Export to Spreadsheet

The Bug ToolKit provides the following options to export bugs to a spreadsheet:

- Click **Export All to Spreadsheet** link in the Search Results page under the Search Bugs tab. Specify file name and folder name to save the spreadsheet. All the bugs retrieved by the search will be exported.
- Click **Export All to Spreadsheet** link in the My Notifications tab. Specify file name and folder name to save the spreadsheet. All the saved bugs in all the groups will be exported.

Retrieve Cisco ONS 15454 Software Release 9.01 Bugs

This section explains how to retrieve Cisco ONS 15454 Software Release 9.0 bugs from the spreadsheet.

Step 1 Perform a search for Cisco ONS 15454 Software Release 9.0 bugs.

Step 2 Export bugs from the search result to a spreadsheet.

Step 3 Set filter on the header row of the table.

Choose **Data > Filter > AutoFilter** from the menu bar in Microsoft Excel.

- To filter resolved or verified bugs, select the **9.0(1)** option from the “1st Fixed-in version(s)” column in the spreadsheet.

Bugs resolved or verified in Cisco ONS 15454 Software Release 9.01 are listed.

- To filter open bugs, select the **9.0(1)** option from the “1st Found-in version(s)” column in the spreadsheet.

Bugs that are found (open) in Cisco ONS 15454 Software Release 9.01 are listed.

New Features and Functionality

No new hardware or software features are included in Release 9.01.

Related Documentation

Release-Specific Documents

- Release Notes for the Cisco ONS 15454 SDH, Release 9.01
- Release Notes for the Cisco ONS 15310-CL, Release 9.01
- Release Notes for the Cisco ONS 15310-MA, Release 9.01
- Release Notes for the Cisco ONS 15310-MA SDH, Release 9.01
- Release Notes for the Cisco ONS 15600, Release 9.01
- Release Notes for the Cisco ONS 15600 SDH, Release 9.01

- Cisco ONS 15454 Software Upgrade Guide, Release 9.0

Platform-Specific Documents

- *Cisco ONS 15454 Procedure Guide*
Provides installation, turn up, test, and maintenance procedures
- *Cisco ONS 15454 Reference Manual*
Provides technical reference information for SONET/SDH cards, nodes, and networks
- *Cisco ONS 15454 Troubleshooting Guide*
Provides a list of SONET alarms and troubleshooting procedures, general troubleshooting information, and hardware replacement procedures
- *Cisco ONS SONET TL1 Command Guide*
Provides a comprehensive list of TL1 commands
- *Cisco ONS 15454 and Cisco ONS 15454 SDH Ethernet Card Software Feature and Configuration Guide*
Provides technical reference and configuration information for Ethernet cards.

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.

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.

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