



Release Notes for Cisco Smart PHY and Cisco Operations Hub 22.4

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CHAPTER 1

What's New



- Note** Explore the [Content Hub](#), the all new portal that offers an enhanced product documentation experience.
- Use faceted search to locate content that is most relevant to you.
 - Create customized PDFs for ready reference.
 - Benefit from context-based recommendations.

Get started with the Content Hub at content.cisco.com to craft a personalized documentation experience.
Do provide feedback about your experience with the Content Hub.

Cisco is continuously enhancing the product with every release and this section covers a brief description of key features and enhancements that were added. It also includes links to detailed documentation, where available.

- [New Features for Cisco Smart PHY and Cisco Operations Hub 22.4, on page 1](#)

New Features for Cisco Smart PHY and Cisco Operations Hub 22.4

Feature	Description
Infrastructure Improvements	
New Alert UI	A new Alert UI dashboard is included.
NUMA affinity removal	NUMA Affinity is removed.
vSphere Data Center Folder Path support	Operations Hub's Autodeployer supports the ability to deploy Ops Hub clusters into a defined vSphere datacenter folder path.

Feature	Description
RPD Provisioning Enhancements	

Feature	Description
Configure US RF base-power level	You can configure Upstream RF Base Power level. The valid range is -20 to 40 dBmV.
Aux Core Configuration for RPD	You can use this option to configure additional cores on RPD's DOCSIS Principal Core using TLV 88.1 without an RPD reboot.
Delete RPD from Offline or under Maintenance cBR-8	Smart PHY allows you to delete RPDs when cBR8 is in maintenance or offline mode. Records get deleted only from Smart PHY, no transaction is performed on the CCAP device.

Feature	Description
Decision Pending IRA	Decision Pending IRA functionality to handle GCP redirect delays.

Feature	Description
Smart PHY Upgrade	Cisco Smart PHY 22.4 Release is upgrade ready. You can upgrade to Cisco Smart PHY 22.4 from Cisco Smart PHY 22.3.1, Cisco Smart PHY 22.3, or Cisco Smart PHY 22.2.1.



CHAPTER 2

Caveats

This chapter describes open severity 1 and 2 caveats and select severity 3 caveats.

The *Open Caveats* section lists open caveats that apply to the current release and may apply to previous releases. A caveat that is open for a prior release and is still unresolved applies to all future releases until it is resolved.

The bug IDs are sorted alphanumerically.

The *Caveats* section includes the bug ID and a short description of the bug. For details on the symptoms, conditions, and workaround for a specific caveat you must use the Bug Search Tool.

- [Open Caveats in Cisco Smart PHY 22.4, on page 3](#)
- [Resolved Caveats in Cisco Smart PHY 22.4, on page 3](#)
- [Cisco Bug Search, on page 4](#)

Open Caveats in Cisco Smart PHY 22.4

Identifier	Headline
CSCwe11906	NDF, NDR Failure messages are not clear

Resolved Caveats in Cisco Smart PHY 22.4

Identifier	Headline
CSCwd03475	Kafka cluster not in working state after an abrupt cluster restart
CSCwd22136	2x2 RPD all 4 fiber-nodes are using same mac domain
CSCwd31930	cluster sync failed during fresh installation.
CSCwd31934	Autodeployer post check is having false positive errors for stale pods.
CSCwd43462	RPD provisioning in cBR-8 can be slow if only robot-cfgsvc (NSO) pod is restarted
CSCwf18638	RPD page When configure secondUpstreamVarpdProfile as empty seeing Null pointer exception.

Cisco Bug Search

Use the [Cisco Bug Search Tool](#) to access open and resolved bugs for a release.

The tool allows you to search for a specific bug ID, or for all bugs specific to a product and a release.

The screenshot shows the search interface with the following elements and callouts:

- Search For:** A text input field with a callout: "If you have a specific bug ID, enter it here". Below it are examples: "Examples: CSCtd10124, router crash, etc...".
- Product:** A dropdown menu with "Series/Model" selected and a callout: "Start typing product name to view suggestions or expand list to choose your product".
- Releases:** A dropdown menu with "Affecting or Fixed in these Release" selected and a callout: "Enter release number".
- Buttons: "Save Search", "Load Saved Search", "Clear Search", and "Email Current Search".

You can filter the search results by last modified date, bug status (open, resolved), severity, rating, and support cases.

The screenshot shows the search interface with filter options highlighted in yellow:

- Filter:** A row of dropdown menus for "Modified Date:", "Status:", "Severity:", "Rating:", "Support Cases:", and "Bug Type:". The "Bug Type" dropdown is currently set to "Customer Visible".
- Results:** "Viewing 1 - 25 of 132 results" and "Sort by" dropdown.
- Export:** "Export Results to Excel" button.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see [What's New in Cisco Product Documentation](#).

To receive new and revised Cisco technical content directly to your desktop, you can subscribe to the [What's New in Cisco Product Documentation RSS feed](#). The RSS feeds are a free service.



CHAPTER 3

Other Important Information

- [Software Version Compatibility For Cisco Smart PHY 22.4, on page 5](#)
- [Cisco Smart PHY Documentation References, on page 5](#)

Software Version Compatibility For Cisco Smart PHY 22.4

The following table shows the supported web browsers and the versions of Cisco cBR-8 router and RPD that are compatible with Cisco Smart PHY Application 22.4.

Browser Version	Cisco cBR-8 Router Version	Cisco RPD Version
<ul style="list-style-type: none">• Mozilla Firefox Version 109 and later• Google Chrome Version 109 and later• Microsoft Edge Version 109 and later	<ul style="list-style-type: none">• Cisco IOS XE Cupertino 17.9.1y• Cisco IOS XE Cupertino 17.9.1x• Cisco IOS XE Gibraltar 16.12.1z2 and Cisco IOS XE Gibraltar 16.12.1z2 ES	<ul style="list-style-type: none">• Cisco RPD 10.5 (Compatible with Cisco IOS XE Cupertino 17.9.1y and Cisco IOS XE Cupertino 17.9.1x)• Cisco RPD 10.4 (Compatible with Cisco IOS XE Cupertino 17.9.1x) <p>Note RPD version should be compatible with cBR-8 versions.</p>

Cisco Smart PHY Documentation References

We recommend that you view the field notices for this release to see if your software or hardware platforms are affected. If you have an account at Cisco.com, you can find the field notices at http://www.cisco.com/en/US/customer/support/tsd_products_field_notice_summary.html.

If you do not have an account at Cisco.com, you can find the field notices at http://www.cisco.com/en/US/support/tsd_products_field_notice_summary.html.



Note Cisco Smart PHY is generally available for field deployment. However, we recommend that you validate and qualify Cisco Smart PHY in a limited field trial with your specific network configuration requirements in order to ensure a smoother, faster, and successful field deployment.

For information on Cisco Smart PHY, go through the following links:

- [Cisco Smart PHY Install and Upgrade Guides](#)
- [Cisco Smart PHY User Guide](#)
- [Cisco Operations Hub and Smart PHY REST API Guide](#)
- [Cisco Smart PHY Other Product Documentation](#)