Release Notes for Cisco Smart PHY and Cisco Operations Hub 23.2

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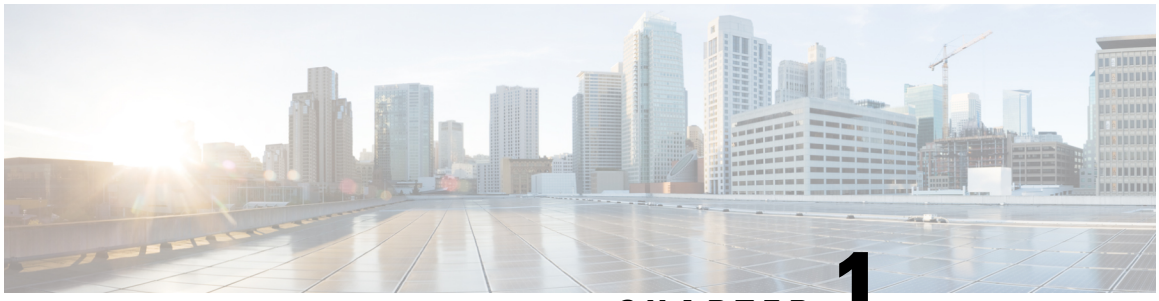


CHAPTER 1

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 23.2, on page 1

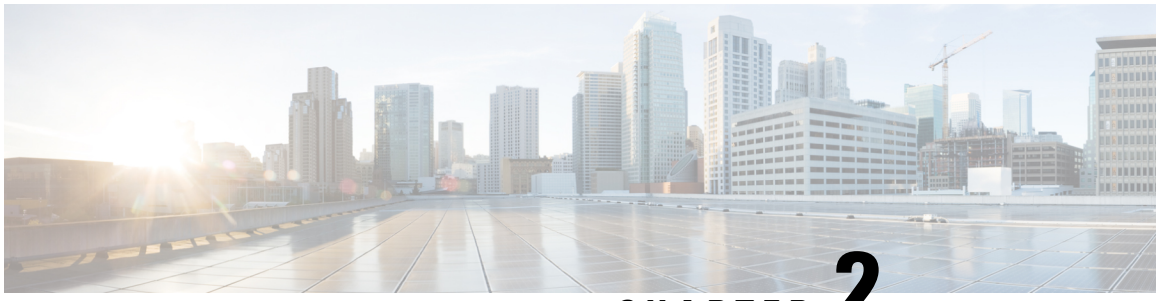
New Features for Cisco Smart PHY and Cisco Operations Hub 23.2

Feature	Description
Infrastructure Improvements	
Deploying Clusters on Network Based Storage Devices Using vSAN	You can deploy clusters to remote network-attached storage devices using vSAN.
Certificate Signing Requests	You can initiate the TLS Certificate creation process from Operations Hub. Once a certificate request is completed, you can download it and get it signed by an appropriate signing authority. Once signed, you can upload the certificate and override the default self-signed Ingress Certificate.

Feature	Description
Single NIC for NB and SB communication for AIOs	By default, All-in-one clusters are deployed with two vNICs. One vNIC must be logically connected to a management network, while the other must be logically connected to the CIN. If you have a shared management and CIN network, you can optionally deploy an AIO cluster with a single vNIC.

Feature	Description
DB Import & Export Enhancements	
Exporting Smart PHY Database to Local Computer	You can export the Smart PHY database to you local computer. You can also import previously saved Smart PHY databases.
SSH Private Key Profiles	Smart PHY allows you to upload SSH Private Keys and then use those keys to securely connect to remote systems for Import and Export Database operations.

Feature	Description
RPD Secure Software Upgrade	You can upgrade Remote PHY Device (RPD) from Smart PHY using the Secure Software Download (SSD) mechanism.
Task Viewer Panel	You can view the status of both queued and completed provisioning operations by opening Smart PHY's Task Viewer panel.
Enhanced Config Reconciliation Logic	In this release, we have enhanced reconcile logic to include additional parameters for Principal, OOB and Video cores.
Miscellaneous Smart PHY UI changes	In this release, we have introduced the following Smart PHY UI changes: • New launch points for better contextual data. • Retaining Filter values while navigating Smart PHY pages.
Smart PHY Upgrade	Cisco Smart PHY 23.2 Release is upgrade ready. You can upgrade to 23.2 from 23.1, 22.4, 22.3.1, and 22.3 releases.



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 23.2, on page 3
- Resolved Caveats in Cisco Smart PHY 23.2, on page 3
- Cisco Bug Search, on page 4

Open Caveats in Cisco Smart PHY 23.2

Identifier	Headline
CSCwf09183	RPD CSV Import having Multiple Video Core fails for 1x2 RPDs
CSCwf87599	Exported Inventory file (CSV) does not contain RPD SSD information
CSCwf98805	ResourceAllocationError cause configuration deviation after import csv file
CSCwh13987	cBR8 config reconciliation lists RPDs with no delta

Resolved Caveats in Cisco Smart PHY 23.2

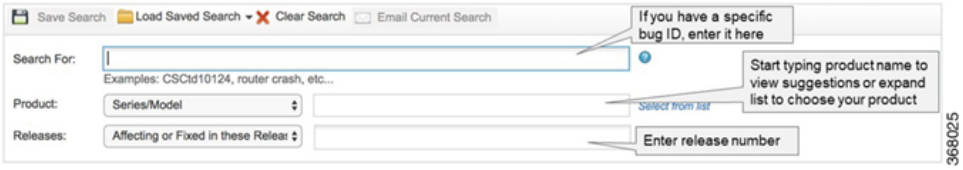
Identifier	Headline
CSCwe68788	RMA: Unplanned maintenance of the infra node will lead to an ETCD and timescale DB node crash
CSCwe80896	Upgrade sometimes take a long time.

Identifier	Headline
CSCwe87486	Config Reconciliation] After RPD Mac address reconciliation, RPD information not showing as expected.
CSCwe87491	In reconciliation report for 1x2 RPD US Controller ID value in Smart PHY show up as Null.
CSCwe87812	Newly provisioned TLS certificate is not showing up correctly in UI

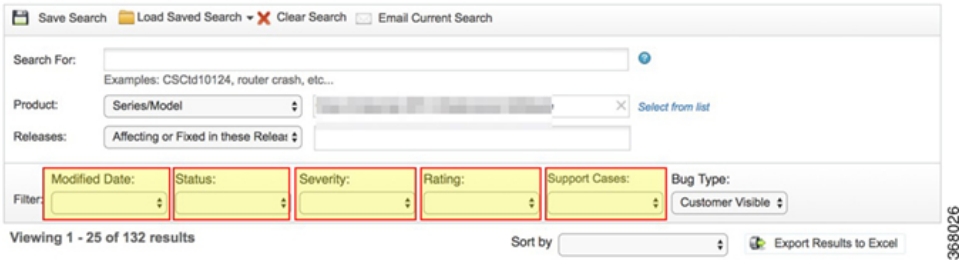
Cisco Bug Search

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.



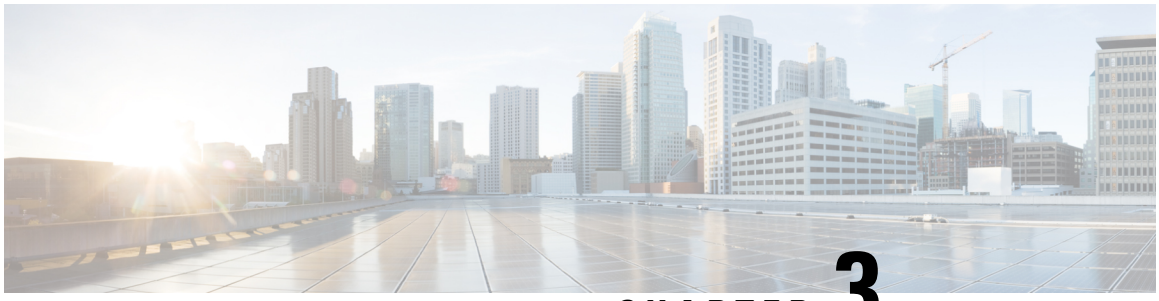
You can filter the search results by last modified date, bug status (open, resolved), severity, rating, and support cases.



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

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- Cisco Smart PHY Documentation References, on page 6

Software Version Compatibility For Cisco Smart PHY 23.2

The following table shows the supported operating systems, web browsers, and the versions of Cisco cBR-8 router and RPD that are compatible with Cisco Smart PHY Application 23.2.

Operating Systems	Browser Version	Cisco cBR-8 Router Version	Cisco RPD Version
• Mac OS 12 and later • Windows 10 and later	• Mozilla Firefox Version 115 and later • Google Chrome Version 114 and later • Microsoft Edge Version 114 and later	• Cisco IOS XE Dublin 17.12.1 • Cisco IOS XE Cupertino 17.9.1y • Cisco IOS XE Cupertino 17.9.1x	• Cisco RPD 10.6 (Compatible with Cisco IOS XE Cupertino 17.12.1 • 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) **Note** RPD version should be compatible with cBR-8 versions.

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