Release Notes for Cisco Smart PHY and Cisco Operations Hub 25.1.1 and 25.1

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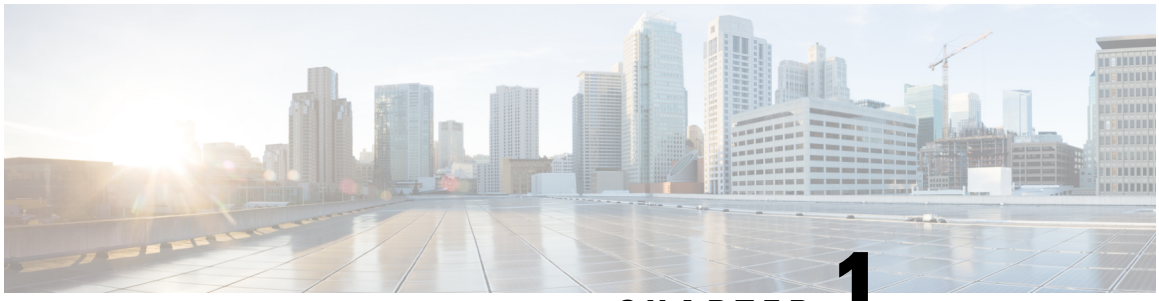


CHAPTER 1

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 25.1.1, on page 1
- Modified Features for Cisco Smart PHY and Cisco Operations Hub 25.1.1, on page 2
- New Features for Cisco Smart PHY and Cisco Operations Hub 25.1, on page 2

New Features for Cisco Smart PHY and Cisco Operations Hub 25.1.1

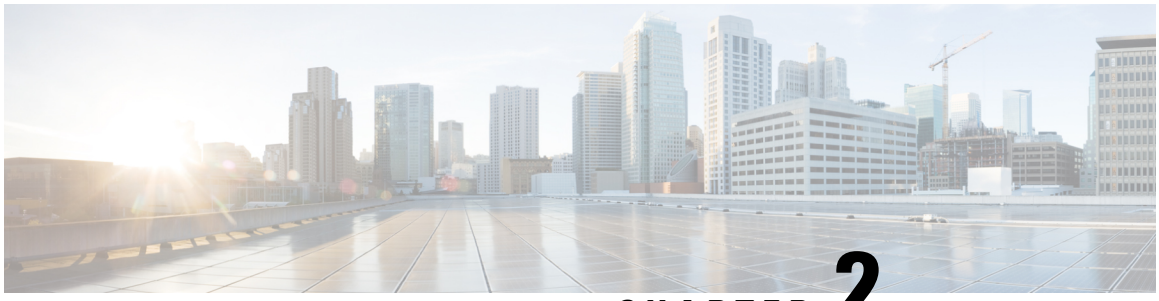
Cisco Smart PHY and Cisco Operations Hub 25.1.1 is a maintenance release and contains no new features.

Modified Features for Cisco Smart PHY and Cisco Operations Hub 25.1.1

Feature	Description
Updated password criteria for the deployer, the cluster, and the operation centers	• Password must be at least 8 characters long. • Password must have at least one lowercase letter, one uppercase letter, and one number. • Password must have at least one of these special characters: ['~', '@', '#', '%', '^', '&', '*', '(', ')', '_', '+', '`', '-', '=', '{', '}', '[', ']', ':', "", ';', """, '|', '\', '<', '>', '?', ',', '.', '/', '$', '!'] • If the password contains a forbidden word [admin, password, root, user, guest, administrator, test], then at least three numbers and two special characters are required in the password. • If the password contains a dictionary word, then it must include at least three numbers and at least one special character.

New Features for Cisco Smart PHY and Cisco Operations Hub 25.1

Feature	Description
KOBOL US Scaling Support	With this release, Smart PHY supports KOBOL US scaling features on the Gen2 (KOBOL) linecard including • increasing max OFDMA blocks per Gen2 LC from 32 to 64. • increasing max ATDMA channels per Gen2 LC from 256 to 512.
Video Static Pseudo-wires for Broadcast	With this release Smart PHY supports the configuration that is required for the cBR-8 feature - Video static pseudo-wires for Broadcast. This feature: • enables a more manageable broadcast maintenance environment by reducing the number of cBR-8 devices that are needed for broadcast video traffic. • improves the overall efficiency, scalability, and manageability of the video core setup • enables effective utilization of the same multicast video content by streamlining the broadcast video traffic processing.



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 25.1.1, on page 3
- Resolved Caveats in Cisco Smart PHY 25.1.1, on page 3
- Open Caveats in Cisco Smart PHY 25.1, on page 4
- Resolved Caveats in Cisco Smart PHY 25.1, on page 4
- Cisco Bug Search, on page 4

Open Caveats in Cisco Smart PHY 25.1.1

There are no new open caveats in the Cisco Smart PHY 25.1.1 release. See Open Caveats in Cisco Smart PHY 25.1.

Resolved Caveats in Cisco Smart PHY 25.1.1

Identifier	Headline
CSCwq07534	Opshub deployment with normal sizing is not working
CSCwq07572	CBR8 sync issue post migrating to 25.1 build
CSCwq07576	GUI slowness in SmartPHY 25.1
CSCwq08360	NED/NSO global config changes to heap size to include in the v25.1.1
CSCwq09623	Normal Opshub deployment as default in deployment
CSCwq09650	CLI login failed with the valid password set during deployment

Identifier	Headline
CSCwq13942	User accounts lost during DB migration
CSCwq19310	RPD provisioning failure after CBR8 license renewed in smartphy 25.1
CSCwq29078	Opshub user password reset is not working

Open Caveats in Cisco Smart PHY 25.1

Identifier	Headline
CSCwo49373	Inventory Page - Online filter is not resulting as expected
CSCwo56689	Empty page and wrong start record number after click pre-defined keyword filter
CSCwo58306	Exported "Status History" shows wrong date and details
CSCwp20565	Config deviation banner message goes on indefinitely

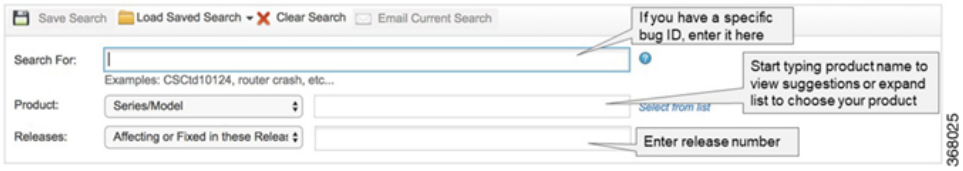
Resolved Caveats in Cisco Smart PHY 25.1

Identifier	Headline
CSCwk70443	On SmartPHY24.1.2 -> Fails to import of RPD Association CSV taken from SmartPHY-24.1 version [Error: Data core IP Address is NULL]
CSCwk77923	Newly added core after DB import won't come online when first csv import without a matching credential profile
CSCwm49811	Sometime it needs to perform Save to SmartPHY twice to update correct peer rpds list in DB
CSCwo35520	Cox 24.2 - RPD config CLIs missing in UI
CSCwo35544	[CBR8-360 view] Sorting of date is sorting in alphabetical order instead of date in CBR8 360 -> Stat
CSCwo89371	Renaming Service Definition causes RPDs to be re-provisioned
CSCwo97082	SmartPHY configures additional us ports with NDR on 1x2 RPD when using 2x4 SD

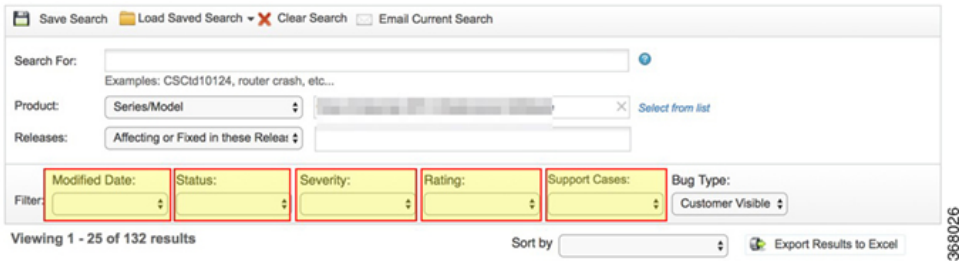
Cisco Bug Search

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.



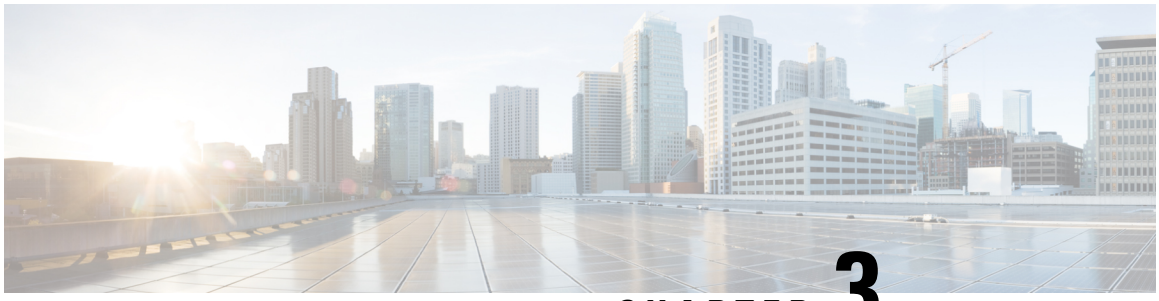
You can filter the search results by last modified date, bug status (open, resolved), severity, rating, and support cases.



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

- Software Version Compatibility For Cisco Smart PHY 25.1.1 and 25.1, on page 7
- Cisco Smart PHY Documentation References, on page 8

Software Version Compatibility For Cisco Smart PHY 25.1.1 and 25.1

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 25.1.1 and 25.1.

Table 1: Software Version Compatibility For Cisco Smart PHY 25.1.1

Software	Supported Versions
Operating System	• Mac OS 12 and later • Windows 10 and later
Browser	• Mozilla Firefox Version 138 and later • Google Chrome Version 137 and later • Microsoft Edge Version 136 and later
Cisco cBR-8 Router	• Cisco IOS XE Dublin 17.15.1z • Cisco IOS XE Dublin 17.12.1z4
Cisco RPD	Cisco RPD 10.9 (Compatible with Cisco IOS XE Dublin 17.15.1z & 17.12.1z4)
Smart PHY Upgrade	You cannot upgrade older versions of Cisco Smart PHY to Cisco Smart PHY Release 25.1.1 using In-Place Software Upgrade.

Table 2: Software Version Compatibility For Cisco Smart PHY 25.1

Software	Supported Versions
Operating System	• Mac OS 12 and later • Windows 10 and later
Browser	• Mozilla Firefox Version 138 and later • Google Chrome Version 137 and later • Microsoft Edge Version 136 and later
Cisco cBR-8 Router	• Cisco IOS XE Dublin 17.15.1y • Cisco IOS XE Dublin 17.12.1z4
Cisco RPD	Cisco RPD 10.9 (Compatible with Cisco IOS XE Dublin 17.15.1y & 17.12.1z4)
Smart PHY Upgrade	You cannot upgrade older versions of Cisco Smart PHY to Cisco Smart PHY Release 25.1 using In-Place Software Upgrade.

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