Release Notes for Cisco Remote PHY Shelf 7200 Software 1.1

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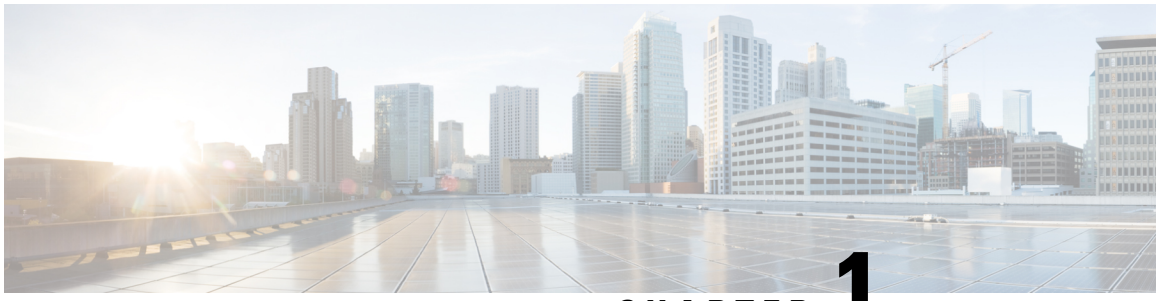


CHAPTER 1

Introduction

This release notes contain information about downloading and installing Cisco Remote PHY Shelf 7200 Software 1.1 and its maintenance releases. It also provides new and changed information, hardware support, limitations and restrictions, and caveats for Cisco Remote PHY Shelf 7200 Software 1.1 and its maintenance releases.

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 on Cisco.com, you can find field notices at http://www.cisco.com/en/US/customer/support/tsd_products_field_notice_summary.html .

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

Note Cisco Remote PHY Shelf 7200 Software 1.1 is generally available for field deployment. However, we recommend that you validate and qualify Cisco Remote PHY Shelf 7200 Software 1.1 in a limited field trial with your specific network configuration requirements in order to ensure a smoother, faster, and successful field deployment.

This chapter includes the following sections:

- System Requirements, on page 1
- New and Changed Information, on page 2
- MIBs, on page 3
- Obtaining Documentation and Submitting a Service Request, on page 4

System Requirements

These sections describe the system requirements for Cisco Remote PHY Shelf 7200 Software 1.1 and its maintenance releases:

Memory Requirements

Note Memory is not configurable for the Cisco Remote PHY Shelf 7200 Software 1.1.

Table 1: Memory Recommendations for the Cisco Remote PHY Shelf 7200 Software 1.1

Feature Set	Cisco RPHY Processor	Software Image	Fixed Memory	Runs From
FCC	LS1043A	HA-SHELF-V1-1.itb	2GB	Bootflash:
RPD LC	LS1088	HA-SHELF-V1-1.itb	8GB	Bootflash:

Hardware Supported

For detailed information about the hardware supported in Cisco Remote PHY Shelf 7200 Software 1.2 and its maintenance releases, see:

http://www.cisco.com/c/en/us/td/docs/cable/cbr/installation/guide/b_cbr_how_and_what_to_order.html.

Determining the Software Version

To determine the version of the Cisco Remote PHY Shelf 7200 Software 1.1 running on your Cisco Remote PHY Shelf 7200 device from FCC, LC, eRPD, and CMTS, log in and enter the **show version** EXEC command:

```
FCC#show ver
Cisco HA-Shelf Software, version v1.1, build by HA-Shelf-release, on 2019-01-25 09:08:33
Branch information:
FCC branch: (detached from HA-SHELF_V1_1_20190123)
OpenRPD branch: (detached from HA-SHELF_V1_1_20190123)


Slot-1#show ver
Cisco HA-Shelf Software, version v1.1, build by HA-Shelf-release, on 2019-01-25 09:08:24
Branch information:
Linecard branch: (detached from HA-SHELF_V1_1_20190123)
OpenRPD branch: (detached from HA-SHELF_V1_1_20190123)


eRPD-9/0#show ver
Cisco HA-Shelf Software, version v1.1, build by HA-Shelf-release, on 2019-01-25 09:08:24
Branch information:
Linecard branch: (detached from HA-SHELF_V1_1_20190123)
OpenRPD branch: (detached from HA-SHELF_V1_1_20190123)


GMM#show cable rpd 7abd.44a1.0041 sw-version
RPD ID          SwVersion
7abd.44a1.0041  v1.1
```

New and Changed Information

The following sections list the new hardware and software features supported on the Cisco Smart PHY 7200 Software in this release:

New Software Features in Cisco Remote PHY Shelf 7200 Software 1.1

RPD Parity Feature Support

Cisco Remote PHY Shelf 7200 supports Cisco Smart PHY 120/220/300/600 RPD features, see Cisco Smart PHY 7200 Software Configuration Guide for details.

RPD IPv6 Support

The CableLabs' MHAv2 standards requires CCAP Core and RPD must support both IPv4 and IPv6, which means the Remote PHY Signaling between the CCAP Core and RPD is able to run on both IPv4 and IPv6 networks.

Six eRPD Support

Cisco Remote PHY Shelf 7200 supports six 1x2 eRPD modules in one remote PHY line card.

Support for Port Mapping and Link Redundancy

Cisco Remote PHY Shelf 7200 allows you to map SFP+ ports to eRPDs for optimizing bandwidth. Link redundancy can be enabled by configuring the SFP+ ports in 4+4 or 6+2 redundant modes.

For information about other supported features, see the Cisco Remote PHY Shelf 7200 Software Configuration Guide.

Trunk VLAN Support

The Trunk VLAN feature enables you to configure virtual LAN on your Remote PHY Shelf 7200 device.

New Hardware Features in Cisco Remote PHY Shelf 7200 Software 1.1

This is the first release of the Cisco Remote PHY Shelf 7200 and its FRUs.

For more information about the new hardware features, see the Cisco Remote PHY Shelf 7200 Hardware Installation Guide.

MIBs

To locate and download MIBs for selected platforms, Cisco IOS XE releases, and feature sets, use Cisco MIB Locator found at the following URL:

https://mibs.cloudapps.cisco.com/ITDIT/MIBS/servlet/index

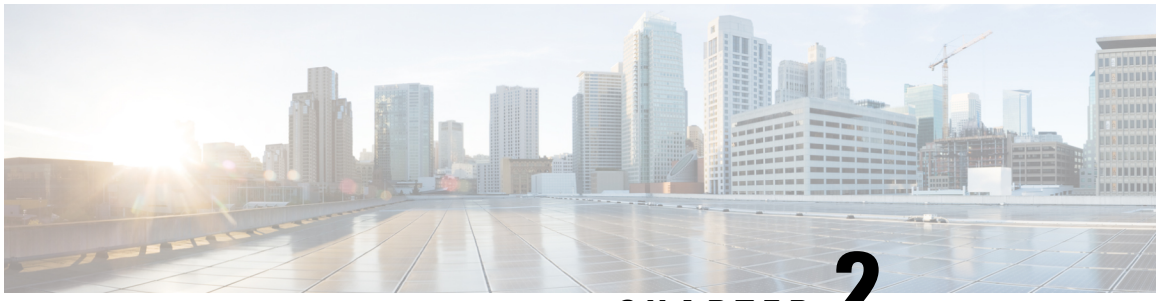
MIBs in Cisco Remote PHY Shelf 7200 Software 1.1

There are no MIBs in the Cisco Remote PHY Shelf 7200 Software 1.1 release.

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 2

Caveat List

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

- The *Open Caveats* sections list 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.

Note 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.

- Cisco Bug Search, on page 5
- Open Caveats for Cisco Remote PHY Shelf 7200 Software 1.1, on page 5

Cisco Bug Search

Cisco Bug Search Tool (BST), the online successor to Bug Toolkit, is designed to improve effectiveness in network risk management and device troubleshooting. You can search for bugs based on product, release, and keyword, and aggregates key data such as bug details, product, and version. For more details on the tool, see the help page located at http://www.cisco.com/web/applicat/cbsshelp/help.html.

Open Caveats for Cisco Remote PHY Shelf 7200 Software 1.1

Caveat ID Number	Description
CSCvn64530	Date/clock time is different for different erpd provsioned using same time server
CSCvn91612	US throughput rate can't reach expected rate caused by modem p-online
CSCvo06122	hds: lc is not up, all rpd offline when slot 6 protect card inserted