



What's New



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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.

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New Features for Cisco Smart PHY and Cisco Operations Hub 24.1.1

Feature	Description
Infrastructure and Deployment Enhancements	
Single NIC for NB and SB communication for Multi-node cluster	You can optionally deploy an All in one (AIO) or Multi-node cluster with a single vNIC.
RPD Provisioning	

Feature	Description
MAC Domain Split and US Bonding Group Enhancements	In this release, we have updated the MAC Domain Split functionality in Smart PHY. The Modification affects the validations for US Bonding Groups in a Service Group Profile, where additional validations for US Channels are included in Service Group Profile.
Other Enhancements	
NSO Enhancements	We have upgraded the Embedded NSO version to 6.1.8.

New Features for Cisco Smart PHY and Cisco Operations Hub 24.1

Feature	Description
Infrastructure and Deployment Enhancements	
Auto Deployer User Interface Enhancements	You can use guided flows in the Operations Hub Deployer GUI to: <ul style="list-style-type: none"> • Install a new cluster. • Upgrade, patch, and provision NIC on existing clusters. • Validate a cluster configuration file before using it.
General Upgrades	We have included multiple Security patches, upgraded 3rd party components and upgraded the Grafana version to 9.2.20.
RPD Provisioning and NSO Enhancements	
Support for 2x4 RPD	Cisco Smart PHY supports 2x4 RPD configurations in addition to 1x1, 1x2, and 2x2 RPD configurations.
Support for Using a Wildcard Character in the RPD Vendor and RPD Model Names	<ul style="list-style-type: none"> • When you create an SSD Profile, you can use a Wildcard character when you input the RPD Vendor and RPD Model names. • File Path in SSD profiles is supported.
NTF-ERR Support	Smart PHY can handle Error Notifications from RPD. Smart PHY adheres to CableLab specifications.
Enhancements for RPD Config Push Errors	In this release, we have enabled: <ul style="list-style-type: none"> • Easier identification of RPD Config Push errors. • Enhanced retry mechanism for Config Push Errors.
NSO Enhancements	We have upgraded the Embedded NSO version to 6.1.6.
Reconciliation Enhancements	

Feature	Description
cBR-8 Configuration Reconciliation Logic Enhancements	Smart PHY's cBR-8 configuration reconciliation logic is enhanced. You can trigger reconciliation for multiple cBR-8 simultaneously and perform reconciliation on one or more selected RPDs for a cBR-8 router. You can also reconcile 2x4 RPDs.
Reconciliation Reporting Enhancements	We have added enhanced reporting functionalities to review deviation and reconciliation actions offline.

