What's New

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 24.2

Feature	Description
Infrastructure Enhancements	
Modernized and Refreshed Smart PHY NSO Error Messages	Smart PHY displays NSO-related errors in a user-friendly format, and only shows useful or relevant information regarding the NSO error.
Standardizing All 2/3 Sidebar Table Views	Smart PHY has consistent standardized functionality across all its 2/3 sidebar tables.
RPD Provisioning Enhancements	

Feature	Description
Configure Maximum Retries for RPD SSD Operations	With this release, you can configure the maximum number of Smart PHY's failed consecutive SSD operations and also configure the duration between the retry attempts. Enabling this feature allows you to manually configure and provide better control of the retry attempts and duration, instead of the default indefinite duration and retry attempts.
Support for 128 RPDs per Line Card	Smart PHY's supports 128 RPDs per Line Card. A total of 32 DOCSIS Service Groups + 32 Video Service Groups can be configured on a Kobol-R line card (CBR-CCAP-LC-G2-R). This adds support for an additional 32 new Video Service Groups (downstream-video) in addition to the existing 32 Service Groups (downstream-cable).
Other Enhancements	
I15 Specifications - GCP Redirect Global Configuration	With this release, if an RPD fails to be redirected using Smart PHY's I15 compliant GCP Redirect, then you can configure a redirect of the same RPD with its original pre-I15 redirect behavior.