

What's New for Cisco IOS XE Dublin 17.12.x

This chapter describes the new hardware and software features that are supported on the Cisco NCS 4201 and Cisco NCS 4202 Series routers.

For information on features supported for each release, see Feature Compatibility Matrix.

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What's New in Hardware for Cisco IOS XE Dublin 17.12.7

There are no new software features introduced for this release.

What's New in Software for Cisco IOS XE Dublin 17.12.7

There are no new software features introduced for this release.

What's New in Hardware for Cisco IOS XE Dublin 17.12.6

There are no new hardware features introduced for this release.

What's New in Software for Cisco IOS XE Dublin 17.12.6

There are no new software features introduced for this release.

What's New in Hardware for Cisco IOS XE Dublin 17.12.5

There are no new hardware features in this release.

What's New in Software for Cisco IOS XE Dublin 17.12.5

There are no new software features in this release.

What's New in Hardware for Cisco IOS XE Dublin 17.12.4

There are no new hardware features in this release.

What's New in Software for Cisco IOS XE Dublin 17.12.4

There are no new software features in this release.

What's New in Hardware for Cisco IOS XE Dublin 17.12.3

There are no new hardware features in this release.

What's New in Software for Cisco IOS XE Dublin 17.12.3

There are no new software features in this release.

What's New in Hardware for Cisco IOS XE Dublin 17.12.2a

There are no new hardware features in this release.

What's New in Software for Cisco IOS XE Dublin 17.12.2a

There are no new software features in this release.

What's New in Hardware for Cisco IOS XE Dublin 17.12.1

Table 1: Supported Optics

Feature	Description
Optics	This release launches the following new optics on selective hardware within the product portfolio. For details refer to the Transceiver Module Group (TMG) Compatibility Matrix. • Cisco Data SFP modules • ONS-SI-GE-EX

What's New in Software for Cisco IOS XE Dublin 17.12.1

Feature	Description
Carrier Ethernet	
Service Instance as Track Client	Track can be configured to check for reachability to IBR(Upstream router). If IBR is not reachable, the service instance is kept in admin down state. This avoids traffic drop until the route is installed which optimizes the convergence. Currently, IOS XE platforms do not have options to shutdown EFP based on track reachability.
CEM	
CEM Description Command	You can add description for a cem group up to 200 characters using the **description** command.
Layer 2	
MACsec support with PTP for 1GE NCS4200-1T16G-PS Interface Module	You can now configure MACsec support with Precision Time Protocol (PTP) packets for mitigating security vulnerabilities on a router.