Feature History

The following table lists the new features supported in the Layer 2 Configuration Guide in Cisco IOS XE 16 releases, on Cisco NCS 4206 and Cisco NCS 4216 routers.

Feature	Description
Cisco IOS XE Cupertino 17.8.1	
802.1AE WAN MACsec Enhancement for 1GE and 10GE NCS4200-1T16G-PS	The 802.1AE WAN MACsec supports 10GE physical layer (PHY) interfaces for NCS4200-1T16G-PS interface module. From this release, full HA, Power on Self Test (POST) and double tag support are available on NCS4200-1T16G-PS interface module
Cisco IOS XE Bengaluru 17.6.1	
802.1AE WAN MACsec for 1GE and 10GE NCS4200-1T16G-PS	The WAN MACsec and MKA feature introduce MACsec support on WAN and uplink support and pre-shared key support for the MACsec Key Agreement protocol (MKA). The WAN MACsec supports 1GE and 10GE interfaces for NCS4200-1T16G-PS interface module.
Cisco IOS XE Bengaluru 17.5.1	
MAC Security	The MACsec and Macsec Key Agreement protocol (MKA) features are introduced on the main interface with pre-shared key support for the MKA. This feature is supported on the Cisco RSP3 module.
Cisco IOS XE Amsterdam 17.3.1	
RSPAN over VPLS Pseudowire Network	This feature allows the traffic mirroring destination port to be configured as a pseudowire rather than a physical port. This feature lets the designated traffic on the source port to be mirrored over the pseudowire to a remote location. This feature is supported on the Cisco RSP3 module.

The following table lists the new features supported in the Layer 2 Configuration Guide in Cisco IOS XE 17 releases, on Cisco NCS 4201 and Cisco NCS 4202 routers.

Feature	Description
Cisco IOS XE Cupertino 17.8.1	

Feature	Description
Support for Ethernet Data Plane Loopback on Bundle Interface	This feature enables ethernet data plane loopback on bundle interfaces. You can also configure the feature when the router is not physically connected and the port is in down state. This feature is only applicable on internal or terminal loopback in up or down state.
Cisco IOS XE Bengaluru 17.6.1	
MAC Security	The MACsec and Macsec Key Agreement protocol (MKA) features are introduced on the main interface with pre-shared key support for the MKA. This feature is supported on the Cisco RSP3 module.
Cisco IOS XE Bengaluru 17.4.1	
Enhanced Ethernet Data Plane Loopback	The Ethernet data plane loopback feature is enhanced to avoid control packets getting dropped. The enhancement supports internal shaper configuration, when terminal ELB session is activated or deactivated to rate the limit the ELB session traffic.