



New and Changed VPN Features

This table summarizes the new and changed feature information for the L2VPN and Ethernet Services Configuration Guide for Cisco NCS 5500 Series Routers, and tells you where they are documented.

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New and Changed VPN Features

Table 1: VPN Features Added or Modified in IOS XR Release 24.x.x

Feature	Description	Changed in Release	Where Documented
EVPN-IRB ARP and ND proxy suppression	This feature is introduced.	Release 24.4.1	EVPN-IRB ARP and ND proxy suppression
Fat label-based load balancing on L2VPN decapsulation node	This feature is introduced.	Release 24.4.1	Fat label-based load balancing on L2VPN decapsulation node
Layer 3 Support for ITU-T Y.1564 Service Activation Test	This feature is introduced.	Release 24.3.1	Layer 3 Support for ITU-T Y.1564 Service Activation Test
Layer 2 VPN Bridging and VPWS Services over BGP-LU Underlay on the NCS57 Line Cards	This feature is modified.	Release 24.3.1	Layer 2 VPN Bridging and VPWS Services over BGP-LU Underlay
Layer 2 Fast Reroute on Cisco NCS 5700 series routers and line cards	This feature is introduced.	Release 24.2.1	Layer 2 fast reroute
Frame Delay Range for ITU-T Y.1564 Test	This feature is introduced.	Release 24.2.1	Frame Delay Range for ITU-T Y.1564 Test
Default Encapsulation Mode of ITU-T Y.1564	This feature is modified.	Release 24.2.1	Y.1564 - Ethernet Service Activation Test

Feature	Description	Changed in Release	Where Documented
User-Specified MTU for EMIX Traffic in ITU-T Y.1564	This feature is introduced.	Release 24.2.1	User-Specified MTU Support for EMIX Traffic in Service Activation Tests
EVPN Non-Revertive Designated Forwarder Electionone	This feature is introduced.	Release 24.1.1	EVPN Non-Revertive Designated Forwarder Election
Host-Tracking using BFD	This feature is introduced.	Release 24.1.1	Host-Tracking using BFD
Optional Source MAC Address for Y.1564 Service Activation Test	This feature is introduced.	Release 24.1.1	Optional Source MAC Address for Y.1564 Service Activation Test
Loopback Frames for Y.1564 Service Activation Test	This feature is introduced.	Release 24.1.1	Loopback Frames for Y.1564 Service Activation Test
Combined Frame Delay and Frame Loss Measurement for Y.1564 Service Activation Test	This feature is introduced.	Release 24.1.1	Combined Frame Delay and Frame Loss Measurement for Y.1564 Service Activation Test