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.

New and Changed VPN Features

Table 1: VPN Features Added or Modified in IOS XR Release 6.3.x

Feature	Description	Changed in Release	Where Documented
Ethernet Data Plane Loopback	The Ethernet Data Plane Loopback feature provides a means for remotely testing the throughput of an Ethernet port.	Release 6.3.1	Ethernet Data Plane Loopback
Ethernet Local Management Interface (E-LMI)	The Cisco NCS 5500 Series Router supports the Ethernet Local Management Interface (E-LMI) protocol as defined by the *Metro Ethernet Forum, Technical Specification MEF 16, Ethernet Local Management Interface (E-LMI), January 2006 standard*.	Release 6.3.1	Ethernet Local Management Interface (E-LMI)

Feature	Description	Changed in Release	Where Documented
L2CP Tunneling	Layer 2 Control Protocol Tunneling (L2PT) is a Cisco proprietary protocol for tunneling Ethernet protocol frames across layer 2 switching domains. The system supports the following tunnel protocols:	Release 6.3.1	L2CP Tunneling MEF
EVPN IPv6 Hosts with Mobility	EVPN IPv6 Hosts with Mobility feature enables you to provide EVPN IPv6 service over IPv4-MPLS core network.	Release 6.3.2	EVPN IPv6 Hosts with Mobility
EVPN Multiple Services per Ethernet Segment	EVPN Multiple Services per Ethernet Segment (ES) feature allows you to configure multiple services over single ES.	Release 6.3.2	EVPN Multiple Services per Ethernet Segment
EVPN VPWS On Demand Next Hop with SR-TE	The EVPN VPWS On-Demand Next Hop with SR-TE feature enables you to fetch the best path to send traffic from the source to destination in a point-to-point service using IOS XR Traffic Controller (XTC).	Release 6.3.2	EVPN VPWS On-Demand Next Hop with SR-TE
EVPN VPWS Preferred Path over SR-TE Policy	EVPN VPWS Preferred Path over SR-TE Policy feature allows you to set the preferred path between the two end points for EVPN VPWS pseudowire (PW) using SR-TE policy.	Release 6.3.2	EVPN VPWS Preferred Path over SR-TE Policy

Feature	Description	Changed in Release	Where Documented
L2VPN VPLS or VPWS Preferred Path over SR-TE Policy	L2VPN VPLS or VPWS Preferred Path over SR-TE Policy feature allows you to set the preferred path between the two end-points for L2VPN Virtual Private LAN Service (VPLS) or Virtual Private Wire Service (VPWS) using SR-TE policy.	Release 6.3.2	L2VPN VPWS Preferred Path over SR-TE Policy