



New and Changed VPN Features

This table summarizes the new and changed feature information for the L2VPN and Ethernet Services Configuration Guide for Cisco ASR 9000 Series Routers, and tells you where they are documented.

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

Feature	Description	Changed in Release	Where Documented
EVPN Anycast Gateway All-Active Static Pseudowire	The EVPN Anycast Gateway All-active Static Pseudowire (PW) feature enables all-active multi-homing support for static PWs. When static PWs are configured, it overrides the default behavior of single-active, and the node becomes all-active per flow (AApF).	Release 6.3.1	EVPN Anycast Gateway All-Active Static Pseudowire
CFM Support for EVPN	CFM can be deployed in an EVPN network. You can monitor the connections between the nodes using CFM in an EVPN network.	Release 6.3.1	CFM Support for EVPN
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

Feature	Description	Changed in Release	Where Documented
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
EVPN VXLAN Ingress Replication	The EVPN VXLAN Ingress Replication feature enables the VXLAN tunnel endpoint (VTEP) to exchange local and remote VTEP IP addresses on the Virtual Network Identifier (VNI) in order to create the ingress replication list.	Release 6.3.2	EVPN VXLAN Ingress Replication
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 VPLS or VPWS Preferred Path over SR-TE Policy

Feature	Description	Changed in Release	Where Documented
EVPN IRB: DHCPv4 and DHCPv6 Relay	The EVPN IRB: DHCPv4 and DHCPv6 Relay feature provides DHCP support for end users in EVPN multi-homing Active-Active (MH-AA) deployment scenarios.	Release 6.3.2	EVPN IRB: DHCPv4 and DHCPv6 Relay

