



## New and Changed EVPN Features

This table summarizes the new and changed feature information for the EVPN Configuration Guide for Cisco 8000 Series Routers, and tells you where they are documented.

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## New and Changed EVPN Features

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

Feature	Description	Changed in Release	Where Documented
Layer 2 Fast Reroute	This feature was introduced.	Release 24.3.1	<a href="#">Layer 2 Fast Reroute</a>
BUM Ingress Replication for EVPN E-LAN on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">BUM Ingress Replication for EVPN E-LAN</a>
CFM on EVPN on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">CFM on EVPN</a>
Core Isolation by Interface Tracking for EVPN E-LAN on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">Core Isolation by Interface Tracking for EVPN E-LAN</a>

Feature	Description	Changed in Release	Where Documented
Detect and Block Duplicate MAC Addresses on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">Detect and Block Duplicate MAC Addresses</a>
Ethernet VPN Virtual Private Wire Service on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">EVPN Virtual Private Wire Service (VPWS) - Ethernet Line (E-Line) Service</a>
EVPN Core Isolation through Peer Failure Detection on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">EVPN Core Isolation through Peer Failure Detection</a>
EVPN Cost-Outon 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">EVPN Cost-Out</a>
EVPN Designated Forwarder Election on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">EVPN Designated Forwarder Election</a>
EVPN E-LAN L2 Gateway Single-Homing on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E.	This feature was modified.	Release 24.3.1	<a href="#">EVPN E-LAN L2 Gateway Single-Homing</a>
EVPN E-LAN Single-Flow-Active Multi-Homing on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">EVPN E-LAN Single-Flow-Active Multi-Homing</a>

Feature	Description	Changed in Release	Where Documented
EVPN E-Tree (Scenario 2) on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">EVPN E-Tree for EVPN E-LAN</a>
EVPN MPLS Multi-Homing on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">EVPN MPLS Multi-Homing</a>
EVPN Multiple Services per Ethernet Segment on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">EVPN Multiple Services per Ethernet Segment</a>
EVPN Seamless Integration with Legacy VPWS on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">EVPN Seamless Integration with Legacy VPWS</a>
MAC Mobility for EVPN E-LAN on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">MAC Mobility for EVPN E-LAN</a>
Seamless Migration of VPLS Network to EVPN Network on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">Seamless Migration of VPLS Network to EVPN Network</a>
Split-Horizon Groups for EVPN E-LAN on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">Split-Horizon Groups for EVPN E-LAN</a>

Feature	Description	Changed in Release	Where Documented
Virtual Ethernet Segment on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">Virtual Ethernet Segment</a>
VRF Leaking for EVPN E-LAN on 8212-48FH-M, 8711-32FH-M, 88-LC1-52Y8H-EM, and 88-LC1-12TH24FH-E	This feature was modified.	Release 24.3.1	<a href="#">VRF Leaking for EVPN E-LAN</a>
BUM Ingress Replication for EVPN E-LAN on the 88-LC1-36EH Line Cards	This feature was modified.	Release 24.2.11	<a href="#">BUM Ingress Replication for EVPN E-LAN</a>
CFM on EVPN	This feature was introduced.	Release 24.2.11	<a href="#">CFM on EVPN</a>
Core Isolation by Interface Tracking for EVPN E-LAN on the 88-LC1-36EH Line Cards	This feature was modified.	Release 24.2.11	<a href="#">Core Isolation by Interface Tracking for EVPN E-LAN</a>
Detect and Block Duplicate MAC Addresses on the 88-LC1-36EH Line Cards	This feature was modified.	Release 24.2.11	<a href="#">Detect and Block Duplicate MAC Addresses</a>
Ethernet VPN Virtual Private Wire Service on the Q200 and 88-LC1-36EH Line Cards	This feature was modified.	Release 24.2.11	<a href="#">EVPN Virtual Private Wire Service (VPWS) - Ethernet Line (E-Line) Service</a>
EVPN Core Isolation through Peer Failure Detection on the 88-LC1-36EH Line Cards	This feature was modified.	Release 24.2.11	<a href="#">EVPN Core Isolation through Peer Failure Detection</a>
EVPN Cost-Out	This feature was introduced.	Release 24.2.11	<a href="#">EVPN Cost-Out</a>
EVPN Designated Forwarder Election	This feature was introduced.	Release 24.2.11	<a href="#">EVPN Designated Forwarder Election</a>
EVPN E-LAN L2 Gateway Single-Homing on the 88-LC1-36EH Line Cards.	This feature was modified.	Release 24.2.11	<a href="#">EVPN E-LAN L2 Gateway Single-Homing</a>

Feature	Description	Changed in Release	Where Documented
EVPN E-LAN Single-Flow-Active Multi-Homing	This feature was introduced.	Release 24.2.11	<a href="#">EVPN E-LAN Single-Flow-Active Multi-Homing</a>
EVPN E-Tree (Scenario 2)	This feature was modified.	Release 24.2.11	<a href="#">EVPN E-Tree for EVPN E-LAN</a>
EVPN MPLS Multi-Homing	This feature was introduced.	Release 24.2.11	<a href="#">EVPN MPLS Multi-Homing</a>
EVPN Multiple Services per Ethernet Segment	This feature was introduced.	Release 24.2.11	<a href="#">EVPN Multiple Services per Ethernet Segment</a>
EVPN Seamless Integration with Legacy VPWS on the Q200 and 88-LC1-36EH Line Cards	This feature was modified.	Release 24.2.11	<a href="#">EVPN Seamless Integration with Legacy VPWS</a>
MAC Mobility for EVPN E-LAN on the 88-LC1-36EH Line Cards	This feature was modified.	Release 24.2.11	<a href="#">MAC Mobility for EVPN E-LAN</a>
Seamless Migration of VPLS Network to EVPN Network on the 88-LC1-36EH Line Cards	This feature was modified.	Release 24.2.11	<a href="#">Seamless Migration of VPLS Network to EVPN Network</a>
Split-Horizon Groups for EVPN E-LAN on the 88-LC1-36EH Line Cards	This feature was modified.	Release 24.2.11	<a href="#">Split-Horizon Groups for EVPN E-LAN</a>
Virtual Ethernet Segment	This feature was introduced.	Release 24.2.11	<a href="#">Virtual Ethernet Segment</a>
VRF Leaking for EVPN E-LAN on the 88-LC1-36EH Line Cards	This feature was modified.	Release 24.2.11	<a href="#">VRF Leaking for EVPN E-LAN</a>

