



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 4201, Cisco NCS 4202, Cisco NCS 4206, Cisco NCS 4216 routers.

Feature	Description
Cisco IOS XE Cupertino 17.8.1	
Support of Bidirectional Multicast	<p>Bidirectional PIM or bidirectional multicast (RFC-5015) is an operating mode that enhances PIM by creating bidirectional multicast distribution trees.</p> <p>It helps deploy emerging communication and financial applications that rely on a many-to-many applications model.</p> <p>Use the following command to enable bidirectional PIM:</p> <p>ip pim bidir-enable</p>
Cisco IOS XE Cupertino 17.7.1	
Telemetry Support for Multicast Service Level Agreement (SLA) Statistics	<p>The multicast SLA supports statistics collection using Telemetry for the following procedures:</p> <ul style="list-style-type: none"> • Multicast Forwarding Information Base (MFIB) • Bridge domain interface (BDI)
Cisco IOS XE Bengaluru 17.4.1	
Multicast SLA Measurement with MLDP	Display of aggregated egress multicast stats for BDI interfaces on Head node, which is part of the MLDP core is supported.
Cisco IOS XE Amsterdam 17.3.1	
Aggregated Interface Statistics on Bundle	Aggregate multicast packet count is implemented for all the (S,G) entries for which the given BDI serves as the OIF.
Native Multicast SLA Measurement with MLDP	Outgoing interface (OIF) statistics in a native multicast setup implements an extra output to include the packet count sent over the (S,G) entry and the traffic rate.

