



Feature History

The following table lists the new and modified features supported in the Layer 2 Configuration Guide in Cisco IOS XE 17 releases.

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	<p>Display of aggregated egress multicast stats for BDI interfaces on Head node, which is part of the MLDP core is supported.</p>
Cisco IOS XE Amsterdam 17.3.1	
Aggregated Interface Statistics on Bundle	<p>Aggregate multicast packet count is implemented for all the (S,G) entries for which the given BDI serves as the OIF.</p>
Native Multicast SLA Measurement with MLDP	<p>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.</p>

