



Feature History

Feature	Description
Cisco IOS XE Dublin 17.11.1	
Micro BFD Support on Port Channel with EFPs	<p>A Micro Bidirectional Forwarding Detection (Micro-BFD) session detects failures in member links of a port channel. You can now enable Micro-BFD sessions for a port channel on which Ethernet flow Point (EFP) or service instance is configured. This feature ensures that traffic is forwarded to a member link only when the micro-BFD session for that member link is in the UP state.</p> <p>As part of this feature, the source-service-instance <i>number</i> keyword has been added to the port-channel bfd command. The specified service instance provides the source IP address for the micro-BFD session.</p> <p>This feature is supported on the Cisco RSP3 module.</p>
Cisco IOS XE Bengaluru 17.6.1	
Micro BFD over LAG Convergence Optimization	<p>Starting with 17.6.x release, the convergence for port-channel failures with Fast Reroute (FRR) is less than 50 milliseconds, when min-links is configured and equal to the total-links available under the port-channel.</p> <p>This feature is supported on the Cisco RSP3 module.</p>
Cisco IOS XE Amsterdam 17.3.1	
BFD Dampening	<p>Bidirectional Forwarding Detection (BFD) is a detection protocol that is designed to provide fast forwarding path failure detection for encapsulations, topologies, and routing protocols. BFD provides a consistent failure detection method.</p> <p>BFD detects forwarding path failures at a uniform rate, rather than the variable rates for different routing protocol.</p> <p>This feature is supported on the RSP2 module.</p>

