



Feature History

Feature	Description
Cisco IOS XE Dublin 17.11.1	
NTP Support for IPv6 Networks	Network Time Protocol (NTP) synchronizes device clocks across networks to maintain system accuracy. In this release, NTP supports IPv6 multicast networks. The NTP server sends clock updates as multicast messages to the clients across IPv6 networks. As NTP packets are sent only to the intended clients, it reduces timing traffic in the network.
Cisco IOS XE Amsterdam 17.3.1	
Telemetry for GNSS Module	<p>This feature provides externalization of operational data using Network Configuration Protocol (NETCONF) or Yet Another Next Generation (YANG) data modeling language. Prior to this release, the traditional show commands were available to only view the GNSS statistic data. But, you could not use these show command outputs to manage network devices as demanded by centralized orchestration application such as Cisco Digital Network Architecture Center (DNAC). The introduction of this feature provides externalization of operational data using Network Configuration Protocol (NETCONF) or Yet Another Next Generation (YANG) data modeling language to bring more visibility in the timing services operations.</p> <p>This feature is supported on Cisco ASR-920-12SZ-A and Cisco ASR-920-12SZ-D and Cisco ASR-920-12SZ-IM and ASR-920U-12SZ-IM.</p>
Cisco IOS XE Amsterdam 17.1.1	
PTP Multiprofile	The Precision Time Protocol (PTP) is a protocol used to synchronize clocks throughout a network. The PTP Multiprofile support is configured on a PTP boundary clock by translating one PTP profile at PTP slave port to other PTP profile at PTP master port. To translate PTP properties from one profile to other, a special type of inter-op clock-port is introduced. This special clock-port is configured with the required profile and domain information.
Traps and Performance MIBs for GNSS	A new MIB, CISCO-GNSS-MIB, is introduced for GNSS.

