

Feature History

Feature	Description
Cisco IOS XE Amsterdam 17.3.1	
Telemetry for GNSS Module	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. This feature is supported on Cisco ASR 900 RSP3 module.
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.