

Feature History

The following table lists the new and modified features supported in the Time Division Multiplexing Configuration Guide in Cisco IOS XE 17 releases.

Feature	Description
Cisco IOS XE Dublin 17.10.1	
TSoP Support for the ASR-920-12CZ-A and ASR-920-12CZ-D	TSoP SSFP support is extended to the ASR-920-12CZ-A and ASR-920-12CZ-D chassis.
Cisco IOS XE Cupertino 17.7.1	
Framed SAToP support for T3 Smart TPoP pluggable	You can configure the following features for T3 in framed mode: • Loopback, framing, line code encoding, cable length, and jitter buffer • BERT • Performance monitoring counters and alarms • Alarm profiling • Clock recovery modes These features that are configured on framed and unframed T3 interfaces help you to monitor the traffic and troubleshoot errors or failures efficiently.
Cisco IOS XE Bengaluru 17.6.1	
Support for T1 framed Smart TPoP pluggable	You can configure the following features for T1 in framed mode: • Loopback, framing, line code encoding, cable length, and jitter buffer • BERT • Performance monitoring counters and alarms • Alarm profiling • Clock recovery modes These features that are configured on framed and unframed T1 interfaces help you to monitor the traffic and troubleshoot errors or failures efficiently.

Feature	Description
Support for E1 framed Smart TPoP pluggable	You can configure the following features for E1 in framed and unframed modes: • Loopback, framing, line code encoding, cable length, and jitter buffer • BERT • Performance monitoring counters and alarms • Alarm profiling • Clock recovery modes These features that are configured on framed and unframed E1 interfaces help you to monitor the traffic and troubleshoot errors or failures efficiently.
Support for TSoP SSFP Dejitter Buffer Tuning	TSoP SSFP Dejitter Buffer Tuning is applicable only for T1 smart SFP.