Feature History

The following table lists the new features supported in the 48-Port T1/E1 CEM Interface Module Configuration Guide in Cisco IOS XE 17 releases.

Feature	Description
Cisco IOS XE Cupertino 17.8.1	
48-Port T1/E1 CEM Interface Module support in ASR-920-12SZ-IM	The router supports the following features for the 48-Port T1/E1 Circuit Emulation (CEM) interface module: • Basic mode, and T1 or E1 controller required configurations • CEM clocking, ACR, and DCR • CEM pseudowires such as Structure-Agnostic TDM over Packet (SATOP) and Circuit Emulation over Packet-Switched Network (CESoPSN) • BERT, loopback, and alarms • Performance monitoring The support for the interface module provides cost-effective delivery of CEM over a packet-based network (MPLS).