



Feature History

The following table lists the new and modified features supported in the IP SLAs Configuration Guide in Cisco IOS XE 17 releases, on Cisco NCS 4201 and Cisco NCS 4202 routers.

Feature	Description
Cisco IOS XE 17.13.1	
Out-of-order Packet Counter on the Cisco RSP3 Module	You can configure Out-of-order packet counter for FPGA-based SAT on the Cisco RSP3 module.
Cisco IOS XE Dublin 17.10.1	
SADT over VC when Access Interface is Down	You can perform Service Activation and Deactivation (SADT) over Virtual Circuit (VC) even when access interface is down.
Cisco IOS XE Bengaluru 17.5.1	
TWAMP Light	This feature enables you to configure a TWAMP Light session using the <code>ip sla responder twamp-light test-session</code> command on the Cisco RSP2 module.
Cisco IOS XE Bengaluru 17.4.1	
Configurable User-Defined and EMIX Packet Size	This feature allows you to configure user-defined and Enterprise traffic (EMIX) packet sizes. Use the following commands to configure user-defined and EMIX packet sizes: <ul style="list-style-type: none"> • <code>packet-size user-defined packet size</code> • <code>packet-size emix-sequence emix-sequence [u-value u-value value]</code>
SAT based support for configurable EMIX traffic pattern in FPGA	The support for EMIX packet size is enhanced. For EMIX traffic, packet sizes of 64, 128, 256, 512, 1024, 1280, 1518, Maximum Transmission Unit (MTU) and user-defined patterns are supported. These packet sizes are forwarded in ratio of 1:1:1:1:1.
Cisco IOS XE Amsterdam 17.3.1	

Feature	Description
Configurable Y.1564 Service Activation Frame Sizes and EMIX Support	Enterprise traffic (EMIX) packet size (default abceg pattern) is supported on both, Cisco ASR 900 RSP2 and RSP3 modules. For EMIX traffic, ITU-T Rec. Y.1564 packet sizes of 64, 128, 256, 1024, and 1518 bytes are supported. On the Cisco RSP3 module, it is supported in FPGA-based SADT.