Features Introduced in Cisco IOS XR Products and Releases

This table summarizes the features enhanced and introduced for NetFlow and sFlow.

Feature, Release, and Platform Matrix for NetFlow and sFlow

Use this ready reckoner to locate features you're interested in and map their availability across platforms and releases.

Table 1: Feature, Release, and Platform Matrix

Feature	Cisco NCS 5500 Series	Other Routing Platforms
BGP Monitoring using IPFIX in MPLS Records	-	8000, R24.1.1
Monitoring Post-QoS Data in NetFlow and IPFIX	-	8000, R24.1.1
BGP Monitoring using IPFIX in MPLS Records	NCS 5500, R24.1.1	-
Simultaneous L2 and L3 Flow Monitoring using IPFIX	NCS 5500, R7.10.1	• ASR 9000, R7.10.1 • NCS 540, R7.10.1 • NCS 560, R7.10.1
sFlow Agent Address Assignment	NCS 5500, R7.10.1	ASR 9000, R7.10.1
IPFIX Enablement for SRv6 and Services over SRv6 Core	NCS 5500, R7.8.1	• NCS 560, R7.10.1 • ASR 9000, R7.10.1 • NCS 540, R7.8.1
System Alerts Related to sFlow	NCS 5500, R7.3.4	8000, R7.5.4

Feature	Cisco NCS 5500 Series	Other Routing Platforms
Enhanced NetFlow Sampling Rate of 1:2048 (2K)	NCS 5500, R7.4.1	-
MPLS top label type 4 for BGP Labeled Unicast traffic	NCS 5500, R7.4.1	NCS 540, R7.4.1
Tunnel Encapsulation and Increased sFlow datagram size	NCS 5500, R7.3.4	-
Increased sFlow Sample-Header Size	-	8000, R7.3.4
Ingress sFlow Enhancements	-	8000, R7.3.3
sFlow for L2 Interfaces	-	8000, R7.3.1
Flow Filter on Cisco NC57 Line Cards	NCS 5500, R7.2.2	-
Sampled Flow	NCS 5500, R7.5.1	• ASR 9000, R7.5.1 • NCS 540, R7.5.1 • 8000, R7.2.12
IPFIX Flow Record Enhancements for L2 and L3 traffic.	-	• 8000, R7.2.12 • ASR 9000, R7.4.1