



New and Changed Feature Information

This table summarizes the new and changed feature information for the *System Security Configuration Guide for Cisco NCS 5500 Series Routers*, and tells you where they are documented.

- [System Security Features Added or Modified in IOS XR Release 24.x.x, on page 1](#)

System Security Features Added or Modified in IOS XR Release 24.x.x

Feature	Description	Changed in Release	Where Documented
Lawful Intercept on MPLS Layer 3	This feature was introduced.	Release 24.4.1	Lawful Intercept on MPLS Layer 3
MAC Authentication Bypass	This feature was introduced.	Release 24.3.1	MAC Authentication Bypass
Layer 2 Untagged Sub-interface configuration in IEEE 802.1X Port-based Authentication	This feature was introduced.	Release 24.2.1	802.1X Port-Based Authentication
DSCP Marking from TCP Connection Phase for SSH Packets	This feature was introduced.	Release 24.1.1	DSCP Marking for SSH Packets
MACsec support for 1 GbE Optical SFPs	This feature was introduced.	Release 24.1.1	Hardware Support Matrix for MacSec
Multi-Factor Authentication for SSH	This feature was introduced.	Release 24.1.1	Multi-Factor Authentication for SSH
Interaction with MASA through gRPC	This feature was introduced.	Release 24.1.1	Interaction with MASA through gRPC

Feature	Description	Changed in Release	Where Documented
Pre-upload Pinned-Domain Certificate	This feature was introduced.	Release 24.1.1	Interacting with MASA Through Web Application