



New and Changed Feature Information

This chapter lists all the features that have been added or modified in this guide. The table also contains references to these feature documentation sections.

- [System Security Features Added or Modified in IOS XR Release 7.3.x, on page 1](#)

System Security Features Added or Modified in IOS XR Release 7.3.x

Feature	Description	Changed in Release	Where Documented
MAC Authentication Bypass	This feature was introduced.	Release 7.3.4	Implementing MAC Authentication Bypass
Dynamic Power Management for MACSec-Enabled Ports	This feature was introduced.	Release 7.3.3	Dynamic Power Management for MACSec-Enabled Ports
CiscoSSH	This feature was introduced.	Release 7.3.2	CiscoSSH
SSH Port Forwarding with CiscoSSH	This feature was introduced.	Release 7.3.2	SSH Port Forwarding
Public Key-Pair Generation in XR Config Mode	This feature was introduced.	Release 7.3.2	Public Key-Pair Generation in XR Config Mode
SSH Port Forwarding with Cisco IOS XR SSH	This feature was introduced.	Release 7.3.15	SSH Port Forwarding
MACsec capability for 88-LC0-36FH-M	This feature was introduced.	Release 7.3.15	Hardware Support for MACsec
Support for uRPF in Loose Mode	This feature was introduced.	Release 7.3.15	Implementing URPF

Feature	Description	Changed in Release	Where Documented
Ed25519 Public-Key Signature System Support	This feature was introduced.	Release 7.3.1	Support for Ed25519 Public-Key Signature System
Ed25519 Public Key Algorithm Support for SSH	This feature was introduced.	Release 7.3.1	Ed25519 Public-Key Signature Algorithm Support for SSH
SSD Encryption	This feature was introduced.	Release 7.3.1	SSD Encryption
User Configurable Maximum Authentication Attempts for SSH	This feature was introduced.	Release 7.3.1	User Configurable Maximum Authentication Attempts for SSH
X.509v3 Certificate-based Authentication for SSH	This feature was introduced.	Release 7.3.1	X.509v3 Certificate-based Authentication for SSH
Retrieve CRL through the HTTP Proxy Server	This feature was introduced.	Release 7.3.1	Retrieve CRL through the HTTP Proxy Server
Collect Filesystem Inventory	This feature was introduced.	Release 7.3.1	Collect Data Dossier
Verify Authenticity of RPM Packages Using Fingerprint	This feature was introduced.	Release 7.3.1	Verify Authenticity of RPM Packages Using Fingerprint
IMA Optimization	This feature was introduced.	Release 7.3.1	Collect Data Dossier
Password Masking	This feature was introduced.	Release 7.3.1	Password Masking