



## 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 7.1.x, on page 1](#)

### System Security Features Added or Modified in IOS XR Release 7.1.x

Feature	Description	Changed in Release	Where Documented
MACSec support on Cisco ASR 9000 5th generation line cards, Cisco ASR 9903 1.6T chassis and Cisco ASR 9903 2T port expansion card running Cisco IOS XR 64-bit operating system.	This feature was enhanced to support new hardware.	Release 7.1.3	<a href="#">Hardware Support for MACSec</a>
Notification mechanism using SNMP trap and syslog messages when a public key infrastructure (PKI) certificate is approaching its expiry date	This feature was introduced.	Release 7.1.1	<a href="#">Expiry Notification for PKI Certificate</a>

Feature	Description	Changed in Release	Where Documented
MACSec ISSU	This feature was introduced.	Release 7.1.1	<a href="#">MACsec ISSU</a> Refer the <i>MACsec Encryption Commands</i> chapter in the <i>System Security Command Reference for Cisco ASR 9000 Series Routers</i> , for information on the commands associated with this feature.