



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

### System Security Features Added or Modified in IOS XR Release 6.5.x

Feature	Description	Changed in Release	Where Documented
MACSec Support on Cisco ASR 9901 Routers	MACSec is supported on the Cisco ASR 9901 Routers running Cisco IOS XR 64-bit operating systems.	Release 6.5.1	<i>Implementing MACsec Encryption</i> chapter <a href="#">Hardware Support for MACSec</a>
IS-IS Authentication with Keychain	New cryptographic algorithms such as, AES-128-CMAC-96, HMAC-SHA-256, and HMAC-SHA1-96 are added under keychain infra as part of this feature. These algorithms provide more secured authentication.	Release 6.5.1	<i>Implementing Keychain Management</i> chapter <a href="#">Configuring the Cryptographic Algorithm</a>
OSPF Authentication with Keychain	New cryptographic algorithms such as, HMAC-SHA-256 and HMAC-SHA1-96 are added under keychain infra as part of this feature. These algorithms provide more secured authentication.	Release 6.5.1	<i>Implementing Keychain Management</i> chapter <a href="#">Configuring the Cryptographic Algorithm</a>

Feature	Description	Changed in Release	Where Documented
MACsec with Local EAP-TLS Authentication	Feature is introduced.	Release 6.5.1	<i>MACSec Using EAP-TLS Authentication</i> chapter <a href="#">MACsec with Local EAP-TLS Authentication</a>