New and Changed Information

This chapter includes the new and changed features for the Cisco Nexus 9000 Series NX-OS Security Configuration Guide, Release 10.5(x).

New and Changed Information

Table 1: New and Changed Features

Feature	Description	Changed in Release	Where Documented
QKD MACsec fallback support	Added QKD MACsec fallback to Pre-Shared Key (PSK) support to establish a secured MKA session when the primary Postquantum Preshared Key (PPK) fails.	10.5(2)F	Postquantum Preshared Keys (PPK) Guidelines and Limitations
CoPP configuration consistency	Added support to check CoPP configuration consistency.	10.5(2)F	CoPP Consistency Checker
DACL support on Cisco Nexus 9300 switches	Extended support for the DACL feature on Cisco Nexus 9300-FX3, GX, GX2, H2R, and H1 Series switches.	10.5(2)F	Guidelines and Limitations for Per-User DACL Support for 802.1X
uRPF support	Added uRPF support on Cisco Nexus 9800 Series switches.	10.5(2)F	Guidelines and Limitations for Unicast RPF
Increase RSA key size to 4096 bits	Extended support for RSA key sizes to 4096 bits for SSH and to 3072 and 4096 bits for cryptographic certificates.	10.5(2)F	Generating SSH Server Keys Configuring SSH Passwordless File Copy Generating an RSA Key Pair

Feature	Description	Changed in Release	Where Documented
Support for Dot1x with Voice VLAN	Added support for the 802.1X Voice VLAN feature to enable multi-domain 802.1X authentication on a single port, providing authentication support for both VoIP phone and data client behind it.	10.5(2)F	About 802.1X for Voice VLAN Critical Authentication 802.1X Guidelines and Limitations for Voice VLAN Configuring 802.1X for Voice VLAN
Security Group ACL (SGACL) Feature interaction support	Added support of Security Group ACL for the ESI, VXLAN-TE, VXLAN-PBR, CloudSec (DCI), and TRM features.	10.5(1)F	Guidelines and Limitations for IP ACLs