

New and Changed Information

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Table 1: New and Changed Features

Feature	Description	Changed in Release	Where Documented
Flexible PTP over IPv6 multicast	Added new global and interface commands to set the transmit and receive scope for PTP over IPv6 multicast configuration	10.3(5)M	Configure PTP Globally Configure PTP on an Interface
Enhancement to completely support Syslog Protocol (RFC 5424)	Enhanced support for complete compliance with the RFC 5424 standard for Syslog Protocol	10.3(4a)M	Guidelines and Limitations
NTP Security Enhancements - RFC 8573	Enhanced NTP security with the AES128CMAC authentication mechanism along with Type-6 encryption support for authentication keys.	10.3(3)F	Guidelines and Limitations Configure Authentication Enable or Disable NTP

Feature	Description	Changed in Release	Where Documented
Multiple followers' support for G8275.2 in Unicast mode	Provided support for G.8275.2 Telecom profile dynamic PTP unicast port, multiple unicast follower port support on Cisco Nexus 9300-FX3 platform switches.	10.3(3)F	Telecom Profile G.8275.2 Guidelines and limitations for PTP Configure PTP Globally Configure PTP on an Interface Assign Dynamic Role Configure Unicast Source Address Configure PTP Telecom Profile Profile Defaults Verify PTP Configuration Verify PTP Telecom Profile Configuration
Logging 2.0 enhancements	Added support for default bloggerd auto-collect for adjmgr, cts, l2fm, and vmtracker.	10.3(3)F	Guidelines and limitations for Embedded Event Manager
Extended VRF-ID in NetFlow support on all Cisco Nexus 9000 switches	Added support for Ingress_VRF_ID support for NetFlow and Analytics features on all Cisco Nexus 9000 switches.	10.3(3)F	Guidelines and limitations for Mixed Mode Commands for verifying the Mixed Mode configuration Display example for Mixed Mode
Configuration Replace	Support is added for configuration replace configuration.	10.3(3)F	Guidelines and Limitations Overview Perform Configuration Replace
Expanded support for Type-6 password encryption	Added Type-6 encryption support for SNMPv3 user password.	10.3(3)F	Guidelines and Limitations Configure SNMP Users

Feature	Description	Changed in Release	Where Documented
Support for Source Interface for call home	Added support for source interface for call home	10.3(2)F	Guidelines and Limitations Configuration Configure Source Interface
GM/GPS/GNSS support on N9K-C93180YC-FX3	GM, GPS, and GNSS functionality is supported on Cisco Nexus N9K-C93180YC-FX3 platform switches.	10.3(2)F	Clocks Guidelines and limitations for PTP Configure PTP Globally Configure PTP GM Configuring GPS Configuring GNSS
VPLS Stripping	Added support for EoMPLS header stripping on Cisco Nexus 9300-FX, 9300-FX2, 9300-FX3, 9300-GX, and 9300-GX2 TORs.	10.3(2)F	Guidelines and Limitations for MPLS Stripping Overview Guidelines and Limitations
Additional LLDP TLVs for ecosystem integrations	Added 802.1 link aggregation, 802.1 vlan name, and 802.3 max frame size optional parameters to the existing lldp tlv-select command	10.3(2)F	Guidelines and Limitations Configure Optional Parameters
PTP Media profile support with Cisco Nexus 9408 platform	PTP on media profile is supported on Cisco Nexus 9408 platform switches.	10.3(2)F	Guidelines and limitations for PTP
Flow visibility in Nexus Dashboard Insights and NetFlow	Added support for Mixed Mode	10.3(1)F	Mixed Mode
Support enhanced maintenance mode	During an unexpected reload, ensure switching to maintenance mode by delaying interface UP until the configuration is merged with the mmode profile.	10.3(1)F	Guidelines and Limitations Trigger Graceful Removal Add Show Commands to Snapshots

Feature	Description	Changed in Release	Where Documented
IPv6 destination support for sFlow	Added support for IPv6 collector. Note that the source ip address and the collector ip address must belong to the same address family.	10.3(1)F	Guidelines and Limitations Configure sFlow Collector Address Configure Agent Address Enable sFlow Feature
ERSPAN	Added support for ERSPAN on Cisco Nexus 9808 platform switches.	10.3(1)F	Guidelines and Limitations for ERSPAN Configure ERSPAN Truncation Configure an ERSPAN Source Session
CDP	Added support for CDP on Cisco Nexus 9808 platform switches.	10.3(1)F	Guidelines and Limitations
LLDP	Added support for LLDP on Cisco Nexus 9808 platform switches.	10.3(1)F	Guidelines and Limitations
SNMP	Added support for SNMP on Cisco Nexus 9808 platform switches.	10.3(1)F	Guidelines and Limitations
PTP	Added support for PTP Media Profile and One-Step Mode on Cisco Nexus 9808 platform switches.	10.3(1)F	Guidelines and limitations for PTP
sFlow	Added support for sFlow on Cisco Nexus 9808 platform switches.	10.3(1)F	Guidelines and Limitations
SPAN	Added support for SPAN on Cisco Nexus 9808 platform switches.	10.3(1)F	Guidelines and Limitations Cisco Nexus 9800 and 9232E-B1 Platform Switches Configure SPAN Truncation Verify SPAN Configuration

Feature	Description	Changed in Release	Where Documented
Generic Online Diagnostics (GOLD)	Added support for GOLD on Cisco Nexus 9808 platform switches.	10.3(1)F	Guidelines and limitations for online diagnostics Runtime or health monitoring diagnostics
Command to disable L2FM MAC learning behavior during loops	MAC move policy is supported on Cisco Nexus 9300-X Cloud Scale Switches.	10.3(1)F	Configuring MAC Move Policy
ePBR L2 - GX	The provider VLAN tagging is supported on the Cisco Nexus 9300-GX, N9K-C9504-FM-G, and N9K-C9508-FM-G switches and N9K-X9716D-GX line cards.	10.3(1)F	Guidelines and Limitations for TAP Aggregation Configure Selective Q-in-Q with Provider VLANs

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