

New and Changed Information

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This table summarizes the new and changed features for the *Cisco Nexus 9000 Series NX-OS Programmability Guide, Release 10.3(x)*.

Table 1: New and Changed Features

Feature	Description	Changed in Release	Where Documented
Support for Cisco Application Hosting Framework (CAF) on Cisco Nexus 9808 platform switches	The application hosting feature is now supported on Cisco Nexus 9808 platform switches.	10.3(3)F	Guidelines and Limitations for Application Hosting Upgrading an Application Verifying the Application-Hosting Configuration Feature Information for Application Hosting
NETCONF over TLS	Added support for NETCONF over TLS.	10.3(3)F	About the NETCONF Agent Configuring the NETCONF Agent Over TLS for Cisco NX-OS 10.3(3) and Later
NGINX proxy for GRPC	Added NGINX proxy support for GRPC.	10.3(3)F	NGINX proxy for GRPC Configuration Needed

Feature	Description	Changed in Release	Where Documented
Support for Cisco Application Hosting Framework (CAF) on Cisco Nexus 9504 and 9508 platform switches with -R and -R2 line cards	The application hosting feature is now supported on Cisco Nexus 9504 and 9508 platform switches with -R and -R2 line cards.	10.3(3)F	Guidelines and Limitations for Application Hosting Upgrading an Application Verifying the Application-Hosting Configuration Feature Information for Application Hosting
Consent token for bash access	Added support for consent token to enable shell access on NX-OS.	10.3(2)F	Guidelines and Limitations Enabling Consent Token
gRPC Tunnel	Added support for gRPC tunnel on NX-OS.	10.3(2)F	About gRPC Tunnel
Cisco Application Framework (CAF)	Cisco Application Hosting Framework is integrated into NX-OS	10.3(1)F	Application Hosting
DME Infra	Added support for DME infra on Cisco Nexus 9808 platform switches.	10.3(1)F	Support for DME Modularity
NETCONF	Added support for NETCONF on Cisco Nexus 9808 platform switches.	10.3(1)F	Guidelines and Limitations for NETCONF
Software Telemetry	Added support for software telemetry on Cisco Nexus 9808 platform switches.	10.3(1)F	Guidelines and Limitations for Cloud Scale Software Telemetry
gNOI Factory-Reset Services	This feature adds a factory reset operation to gNOI that erases all persistent storage on the specified module.	10.3(1)F	gNOI Factory Reset
FT/FTE support for multicast flow	This feature adds FT/FTE support with MTU drop and TTL match events for multicast flow.	10.3(1)F	Programmability Overview
Support for new OpenConfig paths	The new set of operational state OpenConfig paths are supported for infra and applications on Cisco Nexus 9000 Series switches.	10.3(1)F	Guidelines and Limitations for OpenConfig YANG

Feature	Description	Changed in Release	Where Documented
Accounting Log	This feature adds the log information of the original received request as well as the eventual changes applied to the switch. Accounting Log is supported for NETCONF agent, RESTCONF agent and gNMI.	10.3(1)F	Accounting Log for NETCONF Agent Accounting Log for RESTCONF Agent Accounting Log for gNMI

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