Cisco Nexus 3000 Series NX-OS Release Notes, Release 10.1(2)

This document describes the features, issues, and exceptions of Cisco NX-OS Release 10.1(2) software for use on Cisco Nexus 3500 and 3600 platform switches.

Note: The documentation set for this product strives to use bias-free language. For the purposes of this documentation set, bias-free is defined as language that does not imply discrimination based on age, disability, gender, racial identity, ethnic identity, sexual orientation, socioeconomic status, and intersectionality. Exceptions may be present in the documentation due to language that is hardcoded in the user interfaces of the product software, language used based on RFP documentation, or language that is used by a referenced third-party product.

The following table lists the changes to this document.

Table 1.   Changes to this Document

Date	Description
May 13, 2021	Cisco NX-OS Release 10.1(2) became available.

New and Enhanced Software Features

The enhanced feature listed below is an existing feature introduced in an earlier release but enhanced to support new platforms in Cisco NX-OS Release 10.1(2).

Feature	Description
Two-Stage Configuration Commit	With two-stage configuration commit, when you run a command in an interactive session, it is executed and changes in configurations are stored in a staging database. These changes do not effect the running configuration until you run the commit command. This two-stage process creates a target configuration session, where you can make, edit, and verify configuration changes before committing them to the running state of the switch. For more information, see *Cisco Nexus 300 Series NX-OS System Management Configuration Guide, Release 10.1(x)*.

New Hardware Features

Cisco NX-OS Release 10.1(2) does not include any new hardware for the Cisco Nexus 3000 Series.

Release Image

Cisco Nexus 3000 Series platforms support NX-OS 10.1(2) 32-bit image and do not support NX-OS 10.1(1) 64-bit image.

Open Issues

There are no open issues in Cisco Nexus 3500 and Cisco Nexus 3600 family switches for Cisco NX-OS Release 10.1(2).

Resolved Issues

The following tables lists the resolved issues for Cisco Nexus 3500 and Cisco Nexus 3600 family switches in Cisco NX-OS Release 10.1(2). Click the Bug ID to search the Cisco Bug Search Tool for additional information about the bug.

Bug ID	Description
CSCvx26661	Headline: IMR6_64: Incompatible config mac-address even after removing it from SVI which is not mapped on XL Symptoms: Incompatible config static router mac-address(CAP_FEATURE_SVI_MAC_ADDR_MTC) is getting flagged even after removing it from SVI which is not mapped to any interface. Just have a dummy SVI with static RMAC and then remove static RMAC and check incompatibility. It is getting flagged even after removing the static RMAC config. Workarounds: N/A
CSCvy04166	Headline: MTC-XL JPLUS : "no lacp port-number front-panel" unsupported cli added by feature lacp, CR fails Symptoms: Enable feature lacp on MTC-XL box also configures "no lacp port-number front-panel" under running-config, which seems like a unsupported command hence it is breaking configure replace operations.

Bug ID	Description
	Workarounds: N/A
CSCvw92510	Headline: IMR6_23:mac-address is getting flagged in incompatibility chk even after removing it from SVI on XL. Symptoms: mac-address config is getting flagged in incompatibility check even after removing it from SVI on N3K-C3548P-XL. Workarounds: N/A

Known Issues

The following tables lists the open issues for Cisco Nexus 3500 and Cisco Nexus 3600 family switches in Cisco NX-OS Release 10.1(2). Click the Bug ID to search the Cisco Bug Search Tool for additional information about the bug.

Bug ID	Description
CSCvx47092	Headline: MTC-XL : Not able to boot MTC-XL using PXE, bootmode and boot order not honoured Symptoms: N3K-C3548P-10G, N3K-C3548P-10GX and N3K-C3548P-XL do not support PXE boot Workarounds: N/A

Device Hardware

The following tables list the Cisco Nexus 3500 and Cisco Nexus 3600 Series hardware that Cisco NX-OS Release 10.1(1) supports. For additional information about the supported hardware, see the Hardware Installation Guide for your Cisco Nexus 3500 and Cisco Nexus 3600 Series devices.

Table 1. Cisco Nexus 3500 Switches

Product ID	Description
N3K-C3548P-XL	Cisco Nexus 3548-XL switch

Table 2. Cisco Nexus 3500 Series Fans, Fan Trays and Power Supplies

Product ID	Description
N2200-PAC-400W	Cisco Nexus 2000 or 3000 400W AC power supply, forward airflow (port side exhaust)
N2200-PAC-400W-B	Cisco Nexus 2000 or 3000 400W AC power supply, reverse airflow (port side intake)
N2200-PDC-400W	Cisco Nexus 2000 or 3000 400W DC power supply, forward airflow (port side exhaust)
N3K-PDC-350W-B	Cisco Nexus 2000 or 3000 350W DC power supply, reverse airflow (port side intake)
NXA-FAN-30CFM-B	Cisco Nexus 2000 or 3000 individual fan, reverse airflow (port side intake)
NXA-FAN-30CFM-F	Cisco Nexus 2000 or 3000 individual fan, forward airflow (port side exhaust)

Table 3.   Cisco Nexus 3600 Switches

Product ID	Description
N3K-C3636C-R	The Cisco Nexus 3636C-R is a 1 rack unit (RU) switch with 36 100-Gigabit QSFP28 ports, 40-Gigabit QSFP, 2 management ports, 1 console port, and 1 USB port. The switch supports both port-side exhaust and port-side intake airflow schemes. The switch has two power supplies, one for operations and the other for redundancy. Both power supplies must be either AC power supplies or DC power supplies.
N3K-C36180YC-R	The Cisco Nexus 36180YC-R is a 1 rack unit (RU) switch with 48 1/10/25-Gigabit SFP ports and 6 40-Gigabit QSFP/100-Gigabit QSFP28 ports, 1 management port, 1 console port, and 1 USB port. The switch supports both port-side exhaust and port-side intake airflow schemes. The switch has two power supplies, one for operations and the other for redundancy. Both power supplies must be either AC power supplies or DC power supplies.

Upgrade and Downgrade

Upgrading Cisco Nexus 3500 and Cisco Nexus 3600 Series Switches

To perform a software upgrade or downgrade, follow the instructions in *the Cisco Nexus 3500 Series NX-OS Software Upgrade and Downgrade Guide and Cisco Nexus 3600 Series NX-OS Software Upgrade and Downgrade Guide.*

For information about an In Service Software Upgrade (ISSU), see the Cisco NX-OS ISSU Support Matrix.

MIB Support

The Cisco Management Information Base (MIB) list includes Cisco proprietary MIBs and many other Internet Engineering Task Force (IETF) standard MIBs. These standard MIBs are defined in Requests for Comments (RFCs). To find specific MIB information, you must examine the Cisco proprietary MIB structure and related IETF-standard MIBs supported by the Cisco Nexus 3000 Series switch. The MIB Support List is available at the following FTP sites:

 ftp://ftp.cisco.com/pub/mibs/supportlists/nexus3000/Nexus3000MIBSupportList.html

Supported Optics

To determine which transceivers and cables are supported by Cisco Nexus 3000 Series switches, see the [Transceiver Module (TMG) Compatibility Matrix](#).

To see the transceiver specifications and installation information, see https://www.cisco.com/c/en/us/support/interfaces-modules/transceiver-modules/products-installation-guides-list.html.

Related Content

Cisco Nexus 3000 Series documentation: [Cisco Nexus 3000 Series switch documentation](#)

Cisco Nexus 3000 and 9000 Series NX-API REST SDK User Guide and API Reference: [Cisco Nexus 3000 and 9000 Series NX-API REST SDK User Guide and API Reference.](#)

Licensing information:

- [Cisco NX-OS Licensing Guide](#)
- [Cisco Nexus 9000 and 3000 Series NX-OS Switch License Navigator](#)

Documentation Feedback

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