Release Notes for Cisco Nexus 3000 Series

Release 10.6(3)F

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Release Notes for Cisco Nexus 9000 Series, Release 10.6(3)F

This document describes the features, issues, and limitations of Cisco NX-OS software Release 10.6(3)F for use on the Cisco Nexus 3000 Series switches.

Introduction

This document describes the features, issues, and limitations of Cisco NX-OS software Release 10.6(3)F for use on the Cisco Nexus 3000 Series switches.

Date	Description
April 27, 2026	Release 10.6(3)F became available.

New software features

This section provides a brief description of the new software features introduced in this release.

Table 1. New software features for Cisco Nexus 3000 Series switches, Release 10.6(3)F

Feature Impact	Feature Name	Description
Scalability	25G upgrade on 3550-T	Beginning with NX-OS Release 10.6(3)F, the 25G support on 3550-T feature allows you to select 25G port speed on the 40 front panel ports of N3550-T. This feature also allows you to switch between 10G and 25G using a command. For more information, refer to: • Cisco Nexus 3550-T NX-OS Interfaces Configuration Guide, Release 10.6(x) • Cisco Nexus 3550-T Programmable Switch Platform User Guide, Release 10.6(x), and • Cisco Nexus 3550-T Hardware Installation Guide

New hardware features

Cisco NX-OS Release 10.6(3)F does not include any new hardware features for the Cisco Nexus 3000 Series.

Resolved issues

This table lists the resolved issues in this specific software release.

Note: This software release may contain bug fixes first introduced in other releases. To see additional information, click the bug ID to access the Cisco Bug Search Tool.

Table 2. Resolved issues for Cisco Nexus 3000 Series switches, Release 10.6(3)F

Bug ID	Headline
CSCws36619	N3500-XL black-holing L2 mcast traffic in pure L2 topology
CSCwt39793	Anycast SVI interface IPv6 enter to TEN State after config replace or chassis reload

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Bug ID	Headline
CSCws75763	telemetry : arp process core with sys/arp/inst ephemeral sensor

Open issues

There are no open issues in Cisco Nexus 9000 Series NX-OS Release 10.6(3)F.

Supported hardware

This section lists the hardware support information for Cisco Nexus 3000 Series switches.

Table 3. Cisco Nexus 3500 Switches

Product ID	Description
N3K-C3524P-XL	Cisco Nexus 3524-XL switch
N3K-C3548P-XL	Cisco Nexus 3548-XL switch

Table 4. 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 5. 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.

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Product ID	Description
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 40Gigabit 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. From Cisco NX-OS Release 10.3(3)F, the following AC ports are supported on Cisco Nexus 36180YC-R (N3K-C36180YC-R): • AC port-side exhaust (NXA-PAC-750W-PE) • AC port-side intake (NXA-PAC-750W-PI) The following table provides information about spares support: • The Typical/Minimum port-side intake and fan speed percentage is 50% and the maximum port-side intake and fan speed percentage is 100%. • The Typical/Minimum port-side exhaust and fan speed percentage is 70% and the maximum port-side exhaust and fan speed percentage is 100%. For information about N3K-C36180YC-R, see Cisco Nexus 3600 Hardware Installation Guide.

Supported software packages

This section provides information about the release packages associated with Cisco Nexus 3000 Series switches.

Table 6. Software packages for Cisco Nexus 3000 Series switches, Release 10.6(3)F

Software package	Description	Release
nxos64-msll.<version>.bin	64-bit NX-OS image for Cisco Nexus 3000 Series platforms, supported on 3600 series fixed switches and 3500-XL series switches	10.6(3)F

Optics

For information about transceivers and cables supported on a switch, see the Transceiver Module (TMG) Compatibility Matrix. For the transceiver specifications and installation information, see the Install and Upgrade Guides.

Related resources

Document Title	Description
Cisco Nexus 3000 Series switch documentation	Cisco Nexus 3000 Series documentation
Cisco NX-OS Software Strategy and Lifecycle Guide	Cisco NX-OS Software Release and Image-naming Convention
Cisco Nexus 3000 and 9000 Series NXAPI REST SDK User Guide and API Reference	Cisco Nexus 3000 and 9000 Series NX-API REST SDK User Guide and API Reference

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Document Title	Description
Cisco NX-OS Licensing Guide Cisco Nexus 3000 and 3000 Series NX-OS Switch License Navigator Cisco Nexus Smart Licensing Using Policy User Guide	Licensing Information

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