

Cisco Nexus 9000 Series NX-OS Release Notes

Release 10.6(2n)F

Contents

Cisco Nexus 9000 Series NX-OS Release Notes, Release 10.6(2n)F	3
Software Features.....	3
Release Image	4
Open Issues.....	4
Resolved Issues	4
Optics	4
Upgrade and Downgrade.....	4
Related Content	4
Documentation Feedback	5
Legal Information	5

Cisco Nexus 9000 Series NX-OS Release Notes, Release 10.6(2n)F

This document describes the features, issues, and limitations of Cisco NX-OS software Release 10.6(2n)F for use on the Cisco Nexus 9000 Series switches.

Date	Description
April 16, 2026	Release 10.6(2n)F became available.

Nexus 9164E-NS4-O

Cisco Nexus 9164E-NS4-O switch is a 2-rack unit (RU), fixed-port high-density switch designed to support high-density, 800G fabrics for next-generation leaf-and-spine designs. This switch contains Nvidia Spectrum 4 to support AI-ready data center deployments.

Software Features

Guides listed in the below table contains contents specific only to Cisco NX-OS Release 10.6(2n)F.

Feature Type	Description
Optics	<ul style="list-style-type: none">• OSFP-800G-DR8• OSFP-800G-DR8P• OSFP-800G-VR8• OSFP-800G-VR8P• OSFP-2x400G-FR4
Interface	L3 Interface - L3 Physical- 400G, 800G Interface Consistency Checker
Layer 3	L3 Support - v4, v6 ECMP, Adaptive Routing Modes BFD - Single Hop L3 Consistency Checker WCMP and WCMP+AR UDM Scale 256
ACL /QoS / SPAN	ACL - CoPP (including Traps/Exceptions) RAACL on L3 Interface System QoS (port map based) - no stats QOS - Buffer carving, Default Queuing and scheduling Queuing - Strict Priority, DWRR Queuing Stats RoCEv2 (PFC + ECN)

Feature Type	Description
Telemetry	Open NX-OS automation Software Telemetry POAP ((Mgmt Interfaces Only) DHCP Relay
Management Services	AAA/RADIUS/TACACS SNMP

Release Image

Note: Starting from 10.5(3)F, Cisco NX-OS no longer provides a separate EPLD image. Instead, the EPLD image is bundled with all NX-OS images and so the image sizes are correspondingly larger.

In Cisco NX-OS Release 10.6(2n)F, the following 64-bit image is supported:

- The 64-bit Cisco NX-OS image filename with “nxos64-msx.10.6.2n.F.bin” as the prefix is supported and it is mandatory on Cisco 9000 Series Switches.

Note: The 32-bit image is no longer supported.

Open Issues

There are no open issues in this release.

Resolved Issues

There are no resolved issues in this release.

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](#).

Upgrade and Downgrade

To perform a software upgrade or downgrade, follow the instructions in the Cisco Nexus 9000 Series NX-OS Software Upgrade and Downgrade Guide, Release 10.6(x).

Note: Only Disruptive Upgrade is supported. See [Disruptive Upgrade](#).

Related Content

Document Title	Description
Cisco Nexus 9000 Series Switches	Cisco Nexus 9000 Series Switches documentation
Cisco NX-OS Software Strategy and Lifecycle Guide	Cisco NX-OS Software Release and Image-naming Convention

Document Title	Description
Cisco N9300 Series Smart Switch Data Sheet	Data sheet for Cisco N9300 Series Smart Switch
Cisco NX-OS Licensing Guide Cisco Nexus 9000 and 3000 Series NX-OS Switch License Navigator Cisco Nexus Smart Licensing Using Policy User Guide	Licensing Information
Cisco Nexus 9000 Series NX-OS Software Upgrade and Downgrade Guide	Cisco Nexus 9000 Series Software Upgrade and Downgrade Guide, Release 10.6(x)
	<<Nexus 9164E-NS4-O HW HIGs>>

Documentation Feedback

To provide technical feedback on this document, or to report an error or omission, please send your comments to nexus9k-docfeedback@cisco.com. We appreciate your feedback.

Legal Information

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: <https://www.cisco.com/c/en/us/about/legal/trademarks.html>. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1721R)

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

© 2026 Cisco Systems, Inc. All rights reserved.