



# Minimum Recommended Cisco NX-OS Releases for Cisco Nexus 7000 Series Switches

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This document lists the minimum recommended Cisco NX-OS software release for use with Cisco Nexus 7000 Series switches for both new deployments and existing deployments. Since these are minimum release recommendations, more recent software releases can be used to take advantage of newer hardware and software capabilities. These recommendations are general and should not replace environment specific design review efforts.

This is generic recommendation; check with AS for more detailed recommendations.

## **General Recommendation for New Deployments**

Cisco recommends that customers with new Cisco Nexus 7000 Series deployments choose from the following minimum recommended releases:

- Across all NX-OS release trains, the following guidelines can be used to determine the best train:
  - Use the NX-OS Release 5 train unless new features or functionality introduced in the Release 6 train are required.
  - Use the NX-OS Release 6 train if new features or functionality introduced in this train are required.
- Within the NX-OS Release 5 train, the Cisco Nexus 7000 engineering team recommends running the latest NX-OS Release 5.2 software.
- Within the NX-OS Release 6 train, the Cisco Nexus 7000 engineering team recommends running the latest NX-OS Release 6.1 software.

## **General Recommendation for Existing Deployments**

Cisco recommends that customers with existing Cisco Nexus 7000 Series deployments upgrade to the following minimum recommended releases:

- Within the NX-OS Release 4 train:
  - The most recent Cisco NX-OS Release 4.2 software is the recommended release for general features and functions.
  - Cisco NX-OS Release 4.2(6) is the minimum recommended release for general features and functions.



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**Americas Headquarters:**  
**Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA**

- Within the NX-OS Release 5 train:
  - The most recent Cisco NX-OS Release 5.2 software is the recommended release for general features and functions.
  - Cisco NX-OS Release 5.1(5) is the minimum recommended release. However, future upgrades from Release 5.1(5) will be to the long-lived Release 5.2 train. Cisco strongly recommends that customers begin qualification of Release 5.2.
  - For customers currently running Release 5.2 software, the minimum recommended software is 5.2(3a).
  - For customers who have deployed OTV or FabricPath, the minimum recommended software is Release 5.2(3a).
- Within the NX-OS Release 6 train, the latest Cisco NX-OS Release 6.1 is the minimum recommended release for customers requiring the hardware or software features introduced in the 6.x train.

#### Existing Deployments That Use Software Earlier Than One of the Recommended Releases

To the extent possible, Cisco recommends upgrading to one of the NX-OS releases listed previously. If that is not possible, Cisco recommends that you review the [Cisco NX-OS Release Notes](#) for the earlier release and the [Bug Tool Kit](#) to determine the impact of any open caveats.

In addition, consult [Cisco NX-OS Release Notes](#) for minimum supported releases for specific hardware and software features.

#### Documentation and Software

For additional information, see the [Cisco Nexus 7000 Series Switches](#) product documentation page.

For software, see the [Download Software](#) page.

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS version 2.0.

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