



Cisco Nexus 3550-T NX-OS Software Upgrade Guide, Release 10.5(x)

First Published: 2024-11-27

Americas Headquarters

Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
<http://www.cisco.com>
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

THE SPECIFICATIONS AND INFORMATION REGARDING THE PRODUCTS IN THIS MANUAL ARE SUBJECT TO CHANGE WITHOUT NOTICE. ALL STATEMENTS, INFORMATION, AND RECOMMENDATIONS IN THIS MANUAL ARE BELIEVED TO BE ACCURATE BUT ARE PRESENTED WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED. USERS MUST TAKE FULL RESPONSIBILITY FOR THEIR APPLICATION OF ANY PRODUCTS.

THE SOFTWARE LICENSE AND LIMITED WARRANTY FOR THE ACCOMPANYING PRODUCT ARE SET FORTH IN THE INFORMATION PACKET THAT SHIPPED WITH THE PRODUCT AND ARE INCORPORATED HEREIN BY THIS REFERENCE. IF YOU ARE UNABLE TO LOCATE THE SOFTWARE LICENSE OR LIMITED WARRANTY, CONTACT YOUR CISCO REPRESENTATIVE FOR A COPY.

The Cisco implementation of TCP header compression is an adaptation of a program developed by the University of California, Berkeley (UCB) as part of UCB's public domain version of the UNIX operating system. All rights reserved. Copyright © 1981, Regents of the University of California.

NOTWITHSTANDING ANY OTHER WARRANTY HEREIN, ALL DOCUMENT FILES AND SOFTWARE OF THESE SUPPLIERS ARE PROVIDED "AS IS" WITH ALL FAULTS. CISCO AND THE ABOVE-NAMED SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OR ARISING FROM A COURSE OF DEALING, USAGE, OR TRADE PRACTICE.

IN NO EVENT SHALL CISCO OR ITS SUPPLIERS BE LIABLE FOR ANY INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST PROFITS OR LOSS OR DAMAGE TO DATA ARISING OUT OF THE USE OR INABILITY TO USE THIS MANUAL, EVEN IF CISCO OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

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 included 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.

All printed copies and duplicate soft copies of this document are considered uncontrolled. See the current online version for the latest version.

Cisco has more than 200 offices worldwide. Addresses and phone numbers are listed on the Cisco website at www.cisco.com/go/offices.

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)

© 2024 Cisco Systems, Inc. All rights reserved.



CONTENTS

PREFACE

[Preface](#) v

[Audience](#) v

[Document Conventions](#) v

[Related Documentation for Cisco Nexus 3550-T Triton Switches](#) vi

[Documentation Feedback](#) vi

[Communications, Services, and Additional Information](#) vi

CHAPTER 1

[Upgrading the Cisco NX-OS Software](#) 1

[Upgrading to Cisco NX-OS Release 10.5\(x\)](#) 1

[Upgrading from Cisco NX-OS Release 10.2\(3v\) to Cisco NX-OS Release 10.5\(x\)](#) 1



Preface

This preface includes the following sections:

- [Audience, on page v](#)
- [Document Conventions, on page v](#)
- [Related Documentation for Cisco Nexus 3550-T Triton Switches, on page vi](#)
- [Documentation Feedback, on page vi](#)
- [Communications, Services, and Additional Information, on page vi](#)

Audience

This publication is for network administrators who install, configure, and maintain Cisco Nexus 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.

Document Conventions

Command descriptions use the following conventions:

Convention	Description
bold	Bold text indicates the commands and keywords that you enter literally as shown.
<i>Italic</i>	Italic text indicates arguments for which you supply the values.
[x]	Square brackets enclose an optional element (keyword or argument).
[x y]	Square brackets enclosing keywords or arguments that are separated by a vertical bar indicate an optional choice.

Convention	Description
{x y}	Braces enclosing keywords or arguments that are separated by a vertical bar indicate a required choice.
[x {y z}]	Nested set of square brackets or braces indicate optional or required choices within optional or required elements. Braces and a vertical bar within square brackets indicate a required choice within an optional element.
<i>variable</i>	Indicates a variable for which you supply values, in context where italics cannot be used.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string includes the quotation marks.

Examples use the following conventions:

Convention	Description
<code>screen font</code>	Terminal sessions and information the switch displays are in screen font.
boldface screen font	Information that you must enter is in boldface screen font.
<i>italic screen font</i>	Arguments for which you supply values are in italic screen font.
<>	Nonprinting characters, such as passwords, are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.

Related Documentation for Cisco Nexus 3550-T Triton Switches

The entire Cisco Nexus 3550-T Triton switch documentation set is available at the following URL:

http://www.cisco.com/en/US/products/ps13386/tsd_products_support_series_home.html

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.

Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at [Cisco Profile Manager](#).
- To get the business impact you're looking for with the technologies that matter, visit [Cisco Services](#).
- To submit a service request, visit [Cisco Support](#).

- To discover and browse secure, validated enterprise-class apps, products, solutions and services, visit [Cisco Marketplace](#).
- To obtain general networking, training, and certification titles, visit [Cisco Press](#).
- To find warranty information for a specific product or product family, access [Cisco Warranty Finder](#).

Cisco Bug Search Tool

[Cisco Bug Search Tool](#) (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.



CHAPTER 1

Upgrading the Cisco NX-OS Software

This section contains the following details:

- [Upgrading to Cisco NX-OS Release 10.5\(x\), on page 1](#)

Upgrading to Cisco NX-OS Release 10.5(x)

You can upgrade the Cisco Nexus 3550-T switch to Cisco NX-OS Release 10.5(2)F from:

- Exablaze ExaOS



Note If you are on ExaOS, refer to [Cisco Nexus 3550-T NX-OS Software Installation and Upgrade Guide, Release 10.2\(x\)](#) for instructions on upgrading to 10.2.3v from ExaOS, and then follow the instructions in the [Upgrading from Cisco NX-OS Release 10.2\(3v\) to Cisco NX-OS Release 10.5\(x\)](#) section to upgrade to 10.5(2)F.

- Cisco NX-OS Release 10.2(3v)

Upgrading from Cisco NX-OS Release 10.2(3v) to Cisco NX-OS Release 10.5(x)

Use this procedure to upgrade the Cisco 3550-T from NX-OS release 10.2(3v) to NX-OS release 10.5(2)F.

Before you begin

You need to be running the NX-OS release 10.2(3v).

Procedure

Run the **boot nxos** command, as shown below.

```
for 10.5(2)F
switch(config)# boot nxos bootflash:nxos64-ms11.10.5.2.F.bin
switch(config)# copy r s
switch(config)# reload
```

You can get the NX-OS release 10.5(2)F image from the Software Downloads tab on Cisco.com.

Note

Ensure to set the NX-OS boot variable to the correct image, and save the configuration before reloading.

Run the **show version** command to check the installed release version. Sample output for 10.5(2)F:

```
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
Copyright (C) 2002-2024, Cisco and/or its affiliates.
All rights reserved.
The copyrights to certain works contained in this software are
owned by other third parties and used and distributed under their own
licenses, such as open source. This software is provided "as is," and unless
otherwise stated, there is no warranty, express or implied, including but not
limited to warranties of merchantability and fitness for a particular purpose.
Certain components of this software are licensed under
the GNU General Public License (GPL) version 2.0 or
GNU General Public License (GPL) version 3.0 or the GNU
Lesser General Public License (LGPL) Version 2.1 or
Lesser General Public License (LGPL) Version 2.0.
A copy of each such license is available at
http://www.opensource.org/licenses/gpl-2.0.php and
http://opensource.org/licenses/gpl-3.0.html and
http://www.opensource.org/licenses/lgpl-2.1.php and
http://www.gnu.org/licenses/old-licenses/library.txt.
Software
BIOS: version 3.5
NXOS: version 10.5(2) F [Feature Release]
BIOS compile time: 11/23/2021
NXOS image file is: bootflash:///nxos64-msll.10.5.2.F.bin
NXOS compile time: 11/15/2024 12:00:00 [11/15/2024 08:39:52]
Hardware
Exablaze Triton TOR 48X10G Chassis
Intel(R) Atom(TM) CPU C3708 @ 1.70GHz with 16369248 kB of memory.
Processor Board ID EXATRI-A-01386
Device name: switch
bootflash: 41943040 kB
Kernel uptime is 2 day(s), 15 hour(s), 52 minute(s), 26 second(s)
Last reset at 206676 usecs after Tue Nov 19 16:07:55 2024
Reason: Reset Requested by CLI command reload
System version: 10.5.(2)F
Service:
plugin
Core Plugin, Ethernet Plugin
Active Package(s):
```
