



Cisco Nexus 3550-T NX-OS Software Installation and Upgrade Guide, Release 10.2(x)

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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

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Preface

This preface includes the following sections:

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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

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CHAPTER 1

Upgrading the Cisco NX-OS Software

This section contains the following details:

- [Upgrading to Cisco NX-OS Release 10.2\(x\), on page 1](#)

Upgrading to Cisco NX-OS Release 10.2(x)

You can upgrade the Cisco Nexus 3550-T switch to Cisco NX-OS Release 10.2(x) from:

- Exablaze ExaOS
- Cisco NX-OS Release 10.1(2t)

Upgrading from ExaOS to Cisco NX-OS Release 10.2(x)

Use this procedure to upgrade the Cisco 3550-T from ExaOS to NX-OS release 10.2(x).

Step 1 Migrate from ExaOS to Cisco NX-OS release 10.1(2t).

For the detailed procedure, see the [Cisco Nexus 3550-T NX-OS Software Installation and Upgrade Guide](#). You can get the NX-OS Release 10.1(2t) from the Software Downloads tab on Cisco.com or you can directly go [here](#).

Step 2 Upgrade from NX-OS release 10.1(2t) to NX-OS release 10.2(x).

For the detailed procedure, see [Upgrading from Cisco NX-OS Release 10.1\(2t\) to Cisco NX-OS Release 10.2\(x\), on page 1](#).

Upgrading from Cisco NX-OS Release 10.1(2t) to Cisco NX-OS Release 10.2(x)

Use this procedure to upgrade the Cisco 3550-T from NX-OS release 10.1(2t) to NX-OS release 10.2(3t) or to NX-OS release 10.2(3v).

Before you begin

You need to be running the NX-OS release 10.1(2t) or 10.2(3t).

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

```
for 10.2(3t)
switch(config)# boot nxos bootflash:nxos64-ms11.10.2.3t.F.bin
copy r s
reload

for 10.2(3v)
switch(config)# boot nxos bootflash:nxos64-ms11.10.2.3v.F.bin
copy r s
reload
```

You can get the NX-OS release 10.2(x) image from the Software Downloads tab on Cisco.com. Choose the required release, 10.2(3t) or 10.2(3v).

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 10.2(3t):

```
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
Copyright (C) 2002-2022, 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
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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 10.2(3t) [Feature Release]
  BIOS compile time: 11/23/2021
  NXOS image file is: bootflash:///nxos64-ms11.10.2.3t.F.bin
  NXOS compile time: 9/6/2022 2:00:00 [09/06/2022 12:48:07]

Hardware
  Exablaze Triton TOR 48X10G Chassis
  Intel(R) Atom(TM) CPU C3708 @ 1.70GHz with 16369376 kB of memory.
  Processor Board ID EXATRI-A-01362
  Device name: switch
  bootflash: 41943040 kB

Kernel uptime is 0 day(s), 0 hour(s), 10 minute(s), 37 second(s)

Last reset at 1879 usecs after Tue Sep 6 18:44:05 2022
  Reason: Reset Requested by CLI command reload
  System version: 10.2(3)
  Service:
plugin
```

```
Core Plugin, Ethernet Plugin
Active Package(s):
```

Sample output for 10.2(3v):

```
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
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The copyrights to certain works contained in this software are
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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 3.2
NXOS: version 10.2(3v) [Feature Release]
BIOS compile time: 06/02/2021
NXOS image file is: bootflash:///nxos64-ms11.10.2.3v.F.bin
NXOS compile time: 7/5/2023 18:00:00 [07/05/2023 22:51:04]
```

```
Hardware
Exablaze Triton TOR 48X10G Chassis
Intel(R) Atom(TM) CPU C3708 @ 1.70GHz with 16369376 kB of memory.
Processor Board ID EXATRI-A-01427
Device name: FF20-Solution-EX1
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 Jul 11 16:07:55 2023
Reason: Reset Requested by CLI command reload
System version: 10.2(3v)
Service:
```

```
plugin
Core Plugin, Ethernet Plugin
```

```
Active Package(s):
```
