



## Preface

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This preface describes the audience, organization, and conventions of the *Cisco Nexus 7000 Series NX-OS High Availability and Redundancy Guide, Release 4.0*. It also provides information on how to obtain related documentation.

This chapter includes the following sections:

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## Audience

This publication is for experienced network administrators who configure and maintain NX-OS devices.

## Organization

This guide is organized as follows:

| Chapter and Title  | Description   |
|--|---|
| <a href="#">Chapter 1, “Overview”</a>                                      | Provides an overview of high availability features.                             |
| <a href="#">Chapter 2, “Understanding Service-Level High Availability”</a> | Describes the NX-OS service restartability for service-level high availability. |
| <a href="#">Chapter 3, “Understanding System-Level High Availability”</a>  | Describes NX-OS system-level high availability.                                 |
| <a href="#">Chapter 4, “Understanding Network-Level High Availability”</a> | Describes NX-OS network-level high availability.                                |
| <a href="#">Chapter 5, “Understanding In-Service Software Upgrades”</a>    | Describes in-service software upgrades (ISSU).                                  |

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## Document Conventions

This document uses the following conventions:



**Note**

Means reader *take note*. Notes contain helpful suggestions or references to material not covered in the manual.



**Caution**

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.



**Tip**

Means *the following information will help you solve a problem*.

Command descriptions use these conventions:

| Convention           | Description   |
|----------------------|---|
| <b>boldface font</b> | Commands and keywords are in boldface.  |
| <i>italic font</i>   | Arguments for which you supply values are in italics.   |
| [ ]                  | Elements in square brackets are optional.   |
| [ x   y   z ]        | Optional alternative keywords are grouped in brackets and separated by vertical bars.                                       |
| string               | A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks. |

Screen examples use these conventions:

|                             |  |
|-----------------------------|--|
| screen font                 | Terminal sessions and information that the switch displays are in screen font.                           |
| <b>boldface screen font</b> | 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.   |
| < >                         | Non-printing characters, such as passwords, are in angle brackets.                                       |
| [ ]                         | Default responses to system prompts are in square brackets.  |
| !, #                        | An exclamation point (!) or number sign (#) at the beginning of a line of code indicates a comment line. |

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## Related Documentation

The following Cisco NX-OS documents are published on [Cisco.com](http://Cisco.com):

### Release Notes

*Cisco Nexus 7000 Series NX-OS Release Notes, Release 4.0*

### NX-OS Configuration Guides

*Cisco Nexus 7000 Series NX-OS Getting Started with Virtual Device Contexts, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Fundamentals Configuration Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Layer 2 Switching Configuration Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Quality of Service Configuration Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Unicast Routing Configuration Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Multicast Routing Configuration Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Security Configuration Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Virtual Device Context Configuration Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Software Upgrade Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Licensing Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS High Availability and Redundancy Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS System Management Configuration Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS XML Management Interface User Guide, Release 4.0*

*Cisco Nexus 7000 Series NX-OS System Messages Reference*

*Cisco Nexus 7000 Series NX-OS MIB Quick Reference*

### NX-OS Command References

*Cisco Nexus 7000 Series NX-OS Command Reference Master Index, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Fundamentals Command Reference, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Interfaces Command Reference, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Quality of Service Command Reference, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Unicast Routing Command Reference, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Multicast Routing Command Reference, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Security Command Reference, Release 4.0*

*Cisco Nexus 7000 Series NX-OS Virtual Device Context Command Reference, Release 4.0*

*Cisco Nexus 7000 Series NX-OS System Management Command Reference, Release 4.0*

### Other Software Document

*Cisco Nexus 7000 Series NX-OS Troubleshooting Guide, Release 4.x*

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## 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>

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