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Preface

This document describes the configuration details for Cisco NX-OS unicast routing in Cisco Data Center Network Manager (DCNM).

Audience

To use this guide, you must be familiar with IP and routing technology.

Organization

This document is organized into the following chapters:

Title	Description
Chapter 1, “Overview”	Presents an overview of unicast routing and brief descriptions of each feature.
Chapter 2, “Configuring IPv4”	Describes how to configure and manage IPv4, including ARP and ICMP.
Chapter 3, “Configuring IPv6”	Describes how to configure and manage IPv6.
Chapter 4, “Configuring GLBP”	Describes how to configure GLBP.
Chapter 5, “Configuring HSRP”	Describes how to configure the Hot Standby Routing Protocol.
Chapter 6, “Configuring Object Tracking”	Describes how to configure object tracking.
Appendix A, “IETF RFCs supported by Cisco NX-OS Unicast Features, Release 6.x”	Lists IETF RFCs supported by Cisco NX-OS.

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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.

Related Documentation

This section contains information about the documentation available for Cisco DCNM and for the platforms that Cisco DCNM manages.

This section includes the following topics:

- [Cisco DCNM Documentation](#), page x
- [Cisco Nexus 1000V Series Switch Documentation](#), page xi
- [Cisco Nexus 2000 Series Fabric Extender Documentation](#), page xi
- [Cisco Nexus 3000 Series Switch Documentation](#), page xii
- [Cisco Nexus 4000 Series Switch Documentation](#), page xii
- [Cisco Nexus 5000 Series Switch Documentation](#), page xii
- [Cisco Nexus 7000 Series Switch Documentation](#), page xii

Cisco DCNM Documentation

The Cisco DCNM documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps9369/tsd_products_support_series_home.html

The documentation set for Cisco DCNM includes the following documents:

Release Notes

Cisco DCNM Release Notes, Release 6.x

Installation and Licensing

Cisco DCNM Fundamentals Guide, Release 6.x

Cisco DCNM Installation and Licensing Guide, Release 6.x

Cisco DCNM for LAN Configuration Guides

FabricPath Configuration Guide, Cisco DCNM for LAN, Release 6.x

Interfaces Configuration Guide, Cisco DCNM for LAN, Release 6.x

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Layer 2 Switching Configuration Guide, Cisco DCNM for LAN, Release 6.x

Security Configuration Guide, Cisco DCNM for LAN, Release 6.x

System Management Configuration Guide, Cisco DCNM for LAN, Release 6.x

Unicast Configuration Guide, Cisco DCNM for LAN, Release 6.x

Virtual Device Context Configuration Guide, Cisco DCNM for LAN, Release 6.x

Virtual Device Context Quick Start, Cisco DCNM for LAN

Web Services API Guide, Cisco DCNM for LAN, Release 6.x

Cisco DCNM for SAN Configuration Guides

Fabric Configuration Guide, Cisco DCNM for SAN, Release 6.x

High Availability and Redundancy Configuration Guide, Cisco DCNM for SAN, Release 6.x

Intelligent Storage Services Configuration Guide, Cisco DCNM for SAN, Release 6.x

Inter-VSAN Routing Configuration Guide, Cisco DCNM for SAN, Release 6.x

Interfaces Configuration Guide, Cisco DCNM for SAN, Release 6.x

IP Services Configuration Guide, Cisco DCNM for SAN, Release 6.x

Quality of Service Configuration Guide, Cisco DCNM for SAN, Release 6.x

Security Configuration Guide, Cisco DCNM for SAN, Release 6.x

SME Configuration Guide, Cisco DCNM for SAN, Release 6.x

System Management Configuration Guide, Cisco DCNM for SAN, Release 6.x

Cisco Nexus 1000V Series Switch Documentation

The Cisco Nexus 1000V Series switch documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html

Cisco Nexus 2000 Series Fabric Extender Documentation

The Cisco Nexus 2000 Series Fabric Extender documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps10110/tsd_products_support_series_home.html

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Cisco Nexus 3000 Series Switch Documentation

The Cisco Nexus 3000 Series switch documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps11541/tsd_products_support_series_home.html

Cisco Nexus 4000 Series Switch Documentation

The Cisco Nexus 4000 Series switch documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps10596/tsd_products_support_series_home.html

Cisco Nexus 5000 Series Switch Documentation

The Cisco Nexus 5000 Series switch documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps9670/tsd_products_support_series_home.html

Cisco Nexus 7000 Series Switch Documentation

The Cisco Nexus 7000 Series switch documentation is available at the following URL:

http://www.cisco.com/en/US/products/ps9902/tsd_products_support_series_home.html

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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