



# What's New in Cisco Product Documentation

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RSS

## July 2008

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## New "My Cisco" Feature Allows Customers to Save Links and Tools

Nearly every page of Cisco documentation has been enhanced to give customers with a Cisco.com user ID the ability to save helpful links and tools by using the "My Cisco" button. This button appears at the top of the page and can be used to create bookmarks that can be accessed from any computer, anywhere.

## Application Networking Services

### New Documents

- [Release Note for Cisco Wide Area Application Services \(Software Version 4.0.19\)](#)

Describes new features and the open and closed caveats for the Cisco Wide Area Application Services Release 4.0.19.

### Revised Documents

- [Cisco Wide Area Application Services Command Reference \(Software Version 4.0.19\)](#)

Describes the commands used to configure and use Cisco WAAS, version 4.0.19.

- [Cisco Wide Area Application Services Configuration Guide \(Software Version 4.0.19\)](#)

Describes configuration of the Cisco Wide Area Application Services Central Manager and WAE devices, Release 4.0.19.

- [Release Note for the Cisco Application Control Engine Module \(Software Version A2\(X\)\)](#)

Describes the new features, resolved caveats, open caveats, and command changes in software, version A2(1.1).



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# Cisco Interfaces and Modules

None at this time.

## Cisco IOS Software

### New Documents

- [Cisco IOS IPv6 MIBs](#)  
Introduces IPv6 support in the IP-MIB.
- [Cisco Nexus 7000 Series FPGA/EPLD Upgrade Release Notes](#)  
Describes the system requirements and upgrading procedures for EPLD images used with the Nexus 7000 series modules.
- [Configuring Gigabit EtherChannel Features](#)  
Describes how to configure In Service Software Upgrade (ISSU) with Gigabit EtherChannel (GEC) bundles.
- [DHCP Relay Server ID Override and Link Selection Option 82 Suboptions](#)  
Enables the relay agent to be part of all Dynamic Host Configuration Protocol (DHCP) message exchanges by supporting the use of two suboptions of the relay agent information option (option 82).
- [IEEE 802.3ad Link Bundling](#)  
Bundles individual Gigabit Ethernet links into a single logical link that provides the aggregate bandwidth of up to eight physical links.
- [Nonstop Forwarding and Graceful Restart for MP-BGP IPv6 Address Family](#)  
Introduces Cisco nonstop forwarding (NSF) and graceful restart for IPv6.
- [Nonstop Forwarding for IPv6 RIP](#)  
Introduces Cisco nonstop forwarding (NSF) for IPv6 Routing Information Protocol (RIP).
- [Nonstop Forwarding for Static Routes](#)  
Introduces Cisco nonstop forwarding (NSF) for IPv6 static routes.
- [Quality of Service: Policies Aggregation](#)  
Allows you to configure the default traffic classes of different policy maps on the same physical interface as a single traffic class within the modular quality of service command-line interface (MQC CLI).
- [Static Route Support for BFD over IPv6](#)  
Allows you to configure a static route for IPv6 Bidirectional Forwarding Detection (BFD) next hop neighbors that are reachable.
- [VLAN Mapping to Gigabit EtherChannel \(GEC\) Member Links](#)  
Allows you to configure static assignment of user traffic as identified by a VLAN ID to a given member link of a Gigabit EtherChannel (GEC) bundle.

## Revised Documents

- [Cisco NX-OS Fundamentals Command Reference, Release 4.0](#)  
Includes descriptions of commands to use to perform basic configuration tasks on an NX-OS device.
- [Cisco NX-OS Fundamentals Configuration Guide, Release 4.0](#)  
Includes updated information about how to use the command-line interface (CLI) to perform basic configuration tasks, including configuration terminal settings, on an NX-OS device.
- [Cisco NX-OS Release Notes, Release 4.0](#)  
Describes the new features and open and resolved caveats for Cisco NX-OS Release 4.0(2).
- [Cisco NX-OS Security Command Reference, Release 4.0](#)  
Provides CLI command syntax descriptions for new security commands, which include the **telnet6** command, in Cisco NX-OS Release 4.0(2).
- [Cisco NX-OS Security Configuration Guide, Release 4.0](#)  
Describes the new security features, which include IPv6 support, for Telnet for Cisco NX-OS Release 4.0(2).
- [DHCPv6 Relay Agent](#)  
Introduces persistency for the interface-identifier option after a configuration change or a router reload.
- [DHCPv6 Relay Agent Notification for Prefix Delegation](#)  
Allows the router working as a DHCPv6 relay agent to find prefix delegation options by reviewing the contents of a DHCPv6 RELAY-REPLY packet that is being relayed by the relay agent to the client.
- [DHCPv6 Relay Options: Remote-ID for Ethernet Interfaces](#)  
Adds the remote identification (remote-ID) option to relayed (RELAY-FORWARD) DHCPv6 packets.
- [Distribution of Remaining Bandwidth Using Ratio](#)  
Allows service providers to configure a bandwidth-remaining ratio on subinterfaces and class queues.
- [Fast Convergence—LSA and SPF Throttling](#)  
Provides a dynamic mechanism to slow down link-state advertisement updates in Open Shortest Path First (OSPF) during times of network instability.
- [Syslog](#)  
Allows you to log syslog messages to external syslog servers and hosts with IPv6 addresses.

## Interoperability Systems

None at this time.

# Network Management

## New Documents

- [Release Notes for Cisco IP Solution Center, 5.0.2](#)

Provides information on system recommendations, new and changed information, problems fixed, installation notes, important notes, access to know caveats, and related documentation for Cisco IP Solution Center (ISC) 5.0.2.
- [Troubleshooting Guide: Restoring a Standalone DHCP Failover Partner to Backup State in Cisco Network Registrar](#)

Describes how you can restore a standalone DHCP failover partner to backup state for all Cisco Network Registrar releases supporting DHCP failover. More problem-solving information for Cisco Network Registrar is available at:

[http://cisco.com/en/US/products/sw/netmgtsw/ps1982/tsd\\_products\\_support\\_troubleshoot\\_and\\_alerts.html](http://cisco.com/en/US/products/sw/netmgtsw/ps1982/tsd_products_support_troubleshoot_and_alerts.html)

## Revised Documents

- [Cisco DCNM Fundamentals Configuration Guide, Release 4.0](#)

Describes how to deploy and use Cisco DCNM.
- [Cisco DCNM Release Notes, Release 4.0](#)

Describes the features, system requirements, and caveats for Cisco DCNM.
- [CNS Agents](#)

Describes the Cisco Networking Services (CNS) subsystem agents that link networking services and provide the infrastructure for the automated configuration of large numbers of network devices in IPv6.
- [Config Logger](#)

Tracks and reports configuration changes in IPv6.
- [Default Router Preferences for Traffic Engineering](#)

Provides a coarse preference metric (low, medium, or high) for default routers.
- [HTTP\(S\) IPv6 Support](#)

Enhances the Hypertext Transfer Protocol server (HTTP(S)) client and server to support IPv6 addresses.
- [IP SLAs for IPv6 \(UDP Jitter, UDP Echo, ICMP Echo, TCP Connect\)](#)

Describes the Cisco IOS IP Service Level Agreements (SLAs) that are supported in IPv6.
- [NETCONF](#)

Describes the Network Configuration (NETCONF) protocol, which is a mechanism through which a network device can be managed, configuration data information can be retrieved, and new configuration data can be uploaded and manipulated in IPv6 and IPv4.
- [SOAP Message Format](#)

Describes the Service-Oriented Access Protocol (SOAP), which is used for exchanging structured information in a decentralized, distributed environment in IPv6 and IPv4.

# Optical Networking

The terms “Unidirectional Path Switched Ring” and “UPSR” may appear in Cisco literature. These terms do not refer to using Cisco ONS 15xxx products in a unidirectional path switched ring configuration. Rather, these terms, and “Path Protected Mesh Network” and “PPMN,” refer generally to Cisco’s path protection feature, which may be used in any topological network configuration. Cisco does not recommend using its path protection feature in any particular topological network configuration.

## Routers

### New Documents

- [\*Cisco 860 Series and Cisco 880 Series Integrated Services Routers Hardware Installation Guide\*](#)  
Provides an overview and explains how to install, connect, and perform initial configuration for the wireless and nonwireless Cisco 860 series and Cisco 880 series ISRs.
- [\*Cisco Secure Router 520 Series Hardware Installation Guide\*](#)  
Describes router features, installation procedures, troubleshooting, and specifications.
- [\*Cisco Secure Router 520 Series Software Configuration Guide\*](#)  
Describes how to configure the initial router settings by using the command-line interface (CLI).
- [\*Installing Memory and Power over Ethernet in Cisco 880 Series Integrated Services Routers\*](#)  
Describes how to install memory and Power over Ethernet in Cisco 880 series ISRs.
- [\*Regulatory Compliance and Safety Information for Cisco Secure Router 500 Series\*](#)  
Describes the regulatory compliance and safety information and includes the translated warning statements.
- [\*Release Notes for Cisco 800 Series Integrated Services Routers with Cisco IOS Release 12.4\(15\)XZ\*](#)  
Describes new features and significant software components for the Cisco 800 series Integrated Services Routers (ISRs) that support Cisco IOS Release 12.4(15)XZ. This release introduces the Cisco 861, 881, and 888 router platforms.
- [\*Release Notes for Cisco Secure Router 500 Series with Cisco IOS Release 12.4\(15\)XZ\*](#)  
Describes new features and significant software components for the Cisco Secure Router 500 series that support the Cisco IOS Release 12.4(15)XZ releases. This release introduces the Cisco Secure Router 500 series router platforms.

### Revised Documents

- [\*Release Notes for Cisco 1800 Series Routers with Cisco IOS Release 12.4\(11\)XW\*](#)  
Describes new features and significant software components for the Cisco 1800 series routers that support the Cisco IOS Release 12.4(11)XW, up to and including Cisco IOS Release 12.4(11)XW8.
- [\*Release Notes for Cisco 2800 Series Integrated Services Routers with Cisco IOS Release 12.4\(11\)XW\*](#)  
Describes new features and significant software components for the Cisco 2800 series routers that support the Cisco IOS Release 12.4(11)XW releases, up to and including Cisco IOS Release 12.4(11)XW8.

- [\*Release Notes for Cisco 3200 Series with Cisco IOS Release 12.4\(3\)JK\*](#)  
Describes new features and significant software components for the Cisco 3200 Series Mobile Access Router that support the Cisco IOS Release 12.4(3)JK releases, up to and including Cisco IOS Release 12.4(3)JK3.
- [\*Release Notes for Cisco 3700 Series Integrated Services Routers with Cisco IOS Release 12.4\(11\)XW\*](#)  
Describes new features and significant software components for the Cisco 3700 series routers that support the Cisco IOS Release 12.4(11)XW releases, up to and including Cisco IOS Release 12.4(11)XW8.
- [\*Release Notes for Cisco 3800 Series Integrated Services Routers with Cisco IOS Release 12.4\(11\)XW\*](#)  
Describes new features and significant software components for the Cisco 3800 series routers that support the Cisco IOS Release 12.4(11)XW releases, up to and including Cisco IOS Release 12.4(11)XW8.
- [\*Release Notes for Cisco AS5x00 Universal Gateways with Cisco IOS Release 12.4\(11\)XW\*](#)  
Describes new features and significant software components for the Cisco AS5350, Cisco AS5350XM, Cisco AS5400, Cisco AS5400HPX, Cisco AS5400XM, and Cisco AS5850-ERSC Universal Gateways that support the Cisco IOS Release 12.4(11)XW releases, up to and including Cisco IOS Release 12.4(11)XW8.
- [\*Release Notes for Cisco IAD2430 Series Integrated Access Devices with Cisco IOS Release 12.4\(11\)XW\*](#)  
Describes new features and significant software components for the Cisco IAD2430 series Integrated Access Devices that support the Cisco IOS Release 12.4(11)XW releases, up to and including Cisco IOS Release 12.4(11)XW8.
- [\*Release Notes for Cisco IAD2801 Series Integrated Access Devices with Cisco IOS Release 12.4\(11\)XW\*](#)  
Describes new features and significant software components for the Cisco IAD2801 series Integrated Access Devices that support the Cisco IOS Release 12.4(11)XW releases, up to and including Cisco IOS Release 12.4(11)XW8.
- [\*Release Notes for the Cisco 800 Series Routers with Cisco IOS Release 12.4\(11\)XW\*](#)  
Describes new features and significant software components for the Cisco 800 series routers that support Cisco IOS Release 12.4(11)XW, up to and including Cisco IOS Release 12.4(11)XW8.
- [\*Release Notes for the Cisco VG224 Analog Gateway for Cisco IOS Release 12.4\(11\)XW\*](#)  
Describes new features and significant software components for the Cisco VG224 Analog Gateway that supports the Cisco IOS Release 12.4(11)XW, up to and including Cisco IOS Release 12.4(11)XW8.

## Security

### Revised Documents

- [\*Cisco NAC Appliance Service Contract/Licensing Support\*](#)  
Describes licensing support and RMA for the Cisco NAC Appliance, the Cisco NAC Profiler, and the Cisco NAC Guest Server.

- [Cisco NAC Guest Server Installation and Configuration Guide, Release 1.1.1](#)  
Describes how to install the Cisco NAC Guest Server appliance via CLI, and how to configure guest access through the Guest Server's web-based interface.
- [Getting Started with Cisco NAC Network Modules in Cisco Access Routers](#)  
Describes initial configuration and deployment information for the Cisco NAC Network Module (NME-NAC-K9) for Integrated Services Routers.
- [Release Notes for Cisco NAC Appliance \(Cisco Clean Access\), Version 4.1\(3\)](#)  
Provides late-breaking and cumulative release, upgrade, and installation information for release 4.1(3), 4.1.3.1, and later releases.
- [Release Notes for Cisco NAC Guest Server, Release 1.1.1](#)  
Provides late-breaking release information for the Cisco NAC Guest Server, release 1.1.1.

## Server Networking and Virtualization

None at this time.

## Service Exchange

None at this time.

## Storage Networking

None at this time.

## Switches

None at this time.

## TelePresence

None at this time.

## Universal Gateways and Access Servers

None at this time.

## Video, Cable, and Content Delivery

None at this time.

## Voice and Unified Communications

None at this time.

## Wireless

None at this time.

## Obtaining Support from Cisco

Take (full) advantage of Cisco support opportunities at:

<http://www.cisco.com/en/US/support/index.html>

Use this website for the tasks listed below and more.

- Obtain technical assistance
- Download software
- Report security vulnerabilities or obtain assistance with security involving Cisco products
- Access tools and resources
  - Sign up for product alerts
  - Register for field notices
  - Search for known issues using the Bug Toolkit
- Participate in technology discussions with the Networking Professionals (NetPro) community
- Access training resources
- Interactively identify and troubleshoot common hardware, configuration, and performance issues using the TAC Case Collection tool

## Submitting a Service Request

Open a service request online at:

<http://www.cisco.com/techsupport/servicerequest>

View a list of Cisco worldwide contacts, at:

<http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml>

## Obtaining Additional Information

Information about Cisco products, services, technologies, and networking solutions is available from various online sources.

- Sign up for Cisco e-mail newsletters and other communications at the Cisco Subscription Center at:  
<http://www.cisco.com/offer/subscribe>
- Learn about modifications to or updates about Cisco products. Go to the Product Alert Tool to create a profile, and then choose those products for which you want to receive information. Go to:  
<http://tools.cisco.com/Support/PAT/do/ViewMyProfiles.do?local=en>
- Order the Cisco Product Quick Reference Guide, a reference tool that includes product overviews, key features, sample part numbers, and abbreviated technical specifications for many Cisco products that are sold through partners. Go to:  
<http://www.cisco.com/go/guide>
- Visit the Cisco Services website to learn the latest technical, advanced, and remote services available to increase the operational reliability of your network. Go to:  
<http://www.cisco.com/go/services>
- Visit Cisco Marketplace, the company store, for Cisco collateral, logo merchandise, Cisco Press books, and software at:  
<http://www.cisco.com/go/marketplace/>
- Obtain general networking, training, and certification titles from Cisco Press publishers at:  
<http://www.ciscopress.com>
- Read the Internet Protocol Journal, a quarterly journal published by Cisco for engineering professionals who design, develop, and operate internets and intranets. Go to:  
<http://www.cisco.com/ipj>
- *What's New in Cisco Product Documentation* (this document) is an online publication that provides information about the latest documentation releases for Cisco products. Updated monthly, this online publication is organized by product category:  
<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>
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