



Release Notes for Cisco XXXX Series Routers with Cisco IOS Release XX.X(XX)XX

First Released:
Last Revised:
Cisco IOS Release:
OL-XXXXX-XX First Release

These release notes describe new features and significant software components for the Cisco XXXX series routers that support the Cisco IOS Release XX.X(XX)XX releases. These release notes are updated as needed. Use these release notes with the [Cross-Platform Release Notes for Cisco IOS Release 12.4T and About Cisco IOS Release Notes](#).

For a list of the software caveats that apply to the Release XX.X(XX)XX releases, see the “[Caveats](#)” section on page 3. See also [Caveats for Cisco IOS Release 12.4\(11\)T](#). The online caveats document is updated for every maintenance release.

Contents

- [System Requirements, page 1](#)
- [New and Changed Information, page 2](#)
- [Limitations and Restrictions, page 3](#)
- [Caveats, page 3](#)
- [Additional References, page 3](#)

System Requirements

This section describes the system requirements for Release XX.X(XX)XX and includes the following sections:



Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

© 2008 Cisco Systems, Inc. All rights reserved.

- [Memory Requirements, page 2](#)
- [Determining the Software Version, page 2](#)
- [Determining the Software Version, page 2](#)
- [Upgrading to a New Software Release, page 2](#)
- [Feature Set Tables, page 2](#)

Memory Requirements

[Table 1](#) describes the memory requirements for the Cisco IOS feature sets supported by Cisco IOS Release XX.X(XX)XX on the Cisco XXXX series routers.

Determining the Software Version

To determine the version of Cisco IOS software currently running on your Cisco XXXX series routers, see *About Cisco IOS Release Notes* located at http://www.cisco.com/en/US/docs/ios/12_4/12_4x/12_4xy15/ReleaseNote.html.

Upgrading to a New Software Release

For general information about upgrading to a new software release, see *About Cisco IOS Release Notes* located at http://www.cisco.com/en/US/docs/ios/12_4/12_4x/12_4xy15/ReleaseNote.html.

Feature Set Tables

For information about feature set tables, see *About Cisco IOS Release Notes* located at http://www.cisco.com/en/US/docs/ios/12_4/12_4x/12_4xy15/ReleaseNote.html.

New and Changed Information

This section contains the following information:

- [New Hardware Features in Cisco IOS Release, page 3](#)
- [New Software Features in Cisco IOS Release, page 3](#)

New Hardware Features in Cisco IOS Release

New Software Features in Cisco IOS Release

New Features in Release 12.4T

For information regarding the features supported in Cisco IOS Release 12.4T, see the *Cross-Platform Release Notes and New Feature Documentation* links at the following location on [Cisco.com](http://www.cisco.com/en/US/products/ps6706/tsd_products_support_series_home.html):
http://www.cisco.com/en/US/products/ps6706/tsd_products_support_series_home.html

Limitations and Restrictions

Caveats

For general information on caveats and the bug toolkit, see *About Cisco IOS Release Notes* located at http://www.cisco.com/en/US/docs/ios/12_4/12_4x/12_4xy15/ReleaseNote.html.

This section contains the following caveat information:

- [Open Caveats - Release, page 3](#)
- [Resolved Caveats - Release, page 3](#)

Open Caveats - Release

Resolved Caveats - Release

Additional References

Use this release note with the documents and websites throughout this release note and the documents listed in the following sections:

- [Release-Specific Documents](#)
- [Platform-Specific Documents](#)

Release-Specific Documents

The following documents are specific to Release 12.4 and apply to Release 12.4(15)XY. They are located on [Cisco.com](#):

- [Cross-Platform Release Notes for Cisco IOS Release 12.4\(15\)T](#)
- [Cisco IOS Release 12.4 Special and Early Deployments](#)

http://www.cisco.com/en/US/products/ps6706/prod_release_notes_list.html

- *Caveats for Cisco IOS Release 12.4* and *Caveats for Cisco IOS Release 12.4(15)T*
http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl

Platform-Specific Documents

Hardware installation guides, configuration and command reference guides, and additional documents specific to the Cisco XXXX series routers are available at the following location:

Cisco IOS Software Documentation

The Cisco IOS software documentation set consists of the Cisco IOS configuration guides, Cisco IOS command references, and several other supporting documents.

Chapters in a configuration guide describe protocols, configuration tasks, and Cisco IOS software functionality, and contain comprehensive configuration examples. Chapters in a command reference provide complete command syntax information. Use each configuration guide with its corresponding command reference.

Select your release from support and click the command references, configuration guides, or any other Cisco IOS documentation you need.

Use this document in conjunction with the documents listed in the “Additional References” section.

CCDE, CCVP, Cisco Eos, Cisco StadiumVision, the Cisco logo, DCE, and Welcome to the Human Network are trademarks; Changing the Way We Work, Live, Play, and Learn is a service mark; and Access Registrar, Aironet, AsyncOS, Bringing the Meeting To You, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Collaboration Without Limitation, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Event Center, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, iQuick Study, IronPort, the IronPort logo, LightStream, Linksys, MediaTone, MeetingPlace, MGX, Networkers, Networking Academy, Network Registrar, PCNow, PIX, PowerPanels, ProConnect, ScriptShare, SenderBase, SMARTnet, Spectrum Expert, StackWise, The Fastest Way to Increase Your Internet Quotient, TransPath, WebEx, and the WebEx logo are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website 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. (0801R)

Any Internet Protocol (IP) addresses used in this document are not intended to be actual addresses. Any examples, command display output, and figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses in illustrative content is unintentional and coincidental.

© 2008 Cisco Systems, Inc. All rights reserved.