



# Release Notes for Cisco IOS Release 12.2T

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**August 22, 2006**

**Cisco IOS Release 12.2(15)T8**

**OL-2339-04 Rev. R0**



**Note**

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Please see the [“Important Notes” section on page 379](#) for important information for Cisco IOS Release 12.2T.

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These release notes support Cisco IOS Release 12.2T up to and including Cisco IOS Release 12.2(15)T8. These release notes are updated to describe new memory requirements, hardware support, software platform deferrals, and changes to the microcode or modem code and related documents.



**Note**

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The sixth maintenance release of Cisco IOS Release 12.2T is numbered 12.2(15)T. The fifth maintenance release of Cisco IOS Release 12.2T was numbered 12.2(13)T. The fourth maintenance release of Cisco IOS Release 12.2T was numbered 12.2(11)T. The third maintenance release of Cisco IOS Release 12.2T was numbered 12.2(8)T. The second maintenance release of Cisco IOS Release 12.2T was numbered 12.2(4)T. The first maintenance release of Cisco IOS Release 12.2T was numbered 12.2(2)T.

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For a list of the software caveats that apply to Cisco IOS Release 12.2T, refer to the [Caveats for Cisco IOS Release 12.2T](#) document, which accompanies these release notes. The caveats document is updated for every maintenance release and is located on [Cisco.com](#).

Cisco recommends that you view the field notices for this release to see if your software or hardware platforms are affected. If you have an account on Cisco.com, you can find field notices at [http://www.cisco.com/en/US/support/tsd\\_products\\_field\\_notice\\_summary.html](http://www.cisco.com/en/US/support/tsd_products_field_notice_summary.html). If you do not have a Cisco.com login account, you can find field notices at <http://www.cisco.com/warp/public/770/index.shtml>.



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# Contents

These release notes contain the following sections:

- [Cross-Platform System Requirements, page 2](#)
- [Platform-Specific Information, page 11](#)
- [New and Changed Information, page 117](#)
- [MIBs, page 377](#)
- [Limitations and Restrictions, page 379](#)
- [Important Notes, page 379](#)
- [Caveats for Cisco IOS Release 12.2T, page 409](#)
- [Related Documentation, page 411](#)
- [Obtaining Documentation, page 415](#)
- [Documentation Feedback, page 416](#)
- [Cisco Product Security Overview, page 416](#)
- [Product Alerts and Field Notices, page 417](#)
- [Obtaining Technical Assistance, page 418](#)
- [Notices, page 419](#)
- [Obtaining Additional Publications and Information, page 422](#)

## Cross-Platform System Requirements

This section describes the system requirements for Cisco IOS Release 12.2T and includes the following sections:

- [Supported Hardware Platforms, page 3](#)
- [Determining Your Software Version, page 4](#)
- [Upgrading to a New Release, page 4](#)

## Supported Hardware Platforms

Cisco IOS Release 12.2T supports the following Cisco hardware platforms:

- SOHO 70 series routers<sup>1</sup>
- Cisco CVA120 series
- Cisco Voice Gateway 200
- Cisco 800 series routers<sup>3</sup>
- Cisco uBR900 series
- Cisco 1400 series
- Cisco 1600/1600R series
- Cisco 1700 series
- Cisco IAD2420 series
- Cisco 2500 series
- Cisco 2600 series
- Cisco 3600 series
- Cisco 3700 series
- Cisco MC3810 multiservice access concentrator
- Cisco Catalyst 4000 access gateway module
- Cisco Catalyst 4224 access gateway switch<sup>2</sup>
- AS5300 universal access servers
- AS5350 universal gateway
- AS5400 universal gateway
- AS5800 universal access servers
- AS5850 universal gateway
- Cisco 6400 family<sup>4</sup>
- Cisco 7000 family<sup>5</sup>
- Cisco uBR7200 series<sup>6</sup>
- Cisco ICS 7750
- Cisco IGX 8400 series URM
- Cisco MGX 8850 route processor module
- Cisco 15104 optical networking system
- Cisco signaling link terminal

1. The Cisco SOHO 70 series routers are not supported on Cisco IOS Release 12.2(11)T and Cisco IOS Release 12.2(13)T.
2. The Cisco Catalyst 4224 access gateway switch is supported on Cisco IOS Release 12.2T beginning with Cisco IOS Release 12.2(13)T.
3. The Cisco 820 series routers are supported on Cisco IOS Release 12.2(2)T, but they are not supported in Cisco IOS Release 12.2(4)T and Cisco IOS Release 12.2(11)T. The Cisco 828 series routers are not supported on Cisco IOS Release 12.2(11)T.
4. The Cisco 6400 family is supported on Cisco IOS Release 12.2T beginning with Cisco IOS Release 12.2(13)T.
5. This Cisco 7400 series routers were added to the Cisco 7000 family on Cisco IOS Release 12.2(13)T.
6. The Cisco uBR7200 series universal routers are not supported on Cisco IOS Release 12.2T beginning with Cisco IOS Release 12.2(11)T.

For detailed descriptions of the new hardware features, see the [“New and Changed Information”](#) section on page 117.

## Determining Your Software Version

To determine the version of Cisco IOS software that is currently running on your Cisco network device, log in to the device and enter the **show version** EXEC command:

```
Router> show version
Cisco Internetwork Operating System Software
IOS (tm) 12.2 Software (C2600-I-MZ), Version 12.2(15)T, RELEASE SOFTWARE
```

## Upgrading to a New Release

For information about selecting a new Cisco IOS software release, please refer to *How to Choose a Cisco IOS Software Release* at:

[http://www.cisco.com/warp/public/130/choosing\\_ios.shtml](http://www.cisco.com/warp/public/130/choosing_ios.shtml)

For information about upgrading to a new software release, refer to the appropriate platform-specific document:

- Cisco VG200 Series Gateways  
<http://www.cisco.com/en/US/products/hw/gatecont/ps2250/index.html>
- Cisco 800 Series Routers  
[http://www.cisco.com/en/US/partner/products/hw/routers/ps380/products\\_tech\\_note09186a0080094b23.shtml](http://www.cisco.com/en/US/partner/products/hw/routers/ps380/products_tech_note09186a0080094b23.shtml)
- Cisco uBR900 Series Cable Access Routers  
[http://www.cisco.com/en/US/products/hw/cable/ps2221/products\\_tech\\_note09186a0080093d7c.shtml](http://www.cisco.com/en/US/products/hw/cable/ps2221/products_tech_note09186a0080093d7c.shtml)
- Cisco 1400 Series Routers  
[http://www.cisco.com/en/US/products/hw/routers/ps259/products\\_tech\\_note09186a00801fc986.shtml](http://www.cisco.com/en/US/products/hw/routers/ps259/products_tech_note09186a00801fc986.shtml)
- Cisco 1600 Series Routers  
[http://www.cisco.com/en/US/products/hw/routers/ps259/products\\_tech\\_note09186a00801fc986.shtml](http://www.cisco.com/en/US/products/hw/routers/ps259/products_tech_note09186a00801fc986.shtml)
- Cisco 1700 Series Routers  
[http://www.cisco.com/en/US/products/hw/routers/ps259/products\\_tech\\_note09186a00801fc986.shtml](http://www.cisco.com/en/US/products/hw/routers/ps259/products_tech_note09186a00801fc986.shtml)
- Cisco 2500 Series Routers  
[http://www.cisco.com/en/US/products/hw/routers/ps259/products\\_tech\\_note09186a00801fc986.shtml](http://www.cisco.com/en/US/products/hw/routers/ps259/products_tech_note09186a00801fc986.shtml)
- Cisco 2600 Series Multiservice Platforms  
[http://www.cisco.com/en/US/products/hw/routers/ps259/products\\_tech\\_note09186a00801fc986.shtml](http://www.cisco.com/en/US/products/hw/routers/ps259/products_tech_note09186a00801fc986.shtml)
- Cisco 3600 Series Multiservice Platforms  
[http://www.cisco.com/en/US/products/hw/routers/ps259/products\\_tech\\_note09186a00801fc986.shtml](http://www.cisco.com/en/US/products/hw/routers/ps259/products_tech_note09186a00801fc986.shtml)

- Cisco MC3810 Multiservice Access Concentrators  
[http://www.cisco.com/en/US/products/hw/routers/ps259/products\\_tech\\_note09186a00801fc986.shtml](http://www.cisco.com/en/US/products/hw/routers/ps259/products_tech_note09186a00801fc986.shtml)
- Cisco 4000 Series, 4500 Series, and 4700 Series Routers  
[http://www.cisco.com/en/US/products/hw/routers/ps259/products\\_tech\\_note09186a00801fc986.shtml](http://www.cisco.com/en/US/products/hw/routers/ps259/products_tech_note09186a00801fc986.shtml)
- Cisco Catalyst 5000 Series Switches  
[http://www.cisco.com/en/US/products/hw/switches/ps700/products\\_tech\\_note09186a00801347e2.shtml](http://www.cisco.com/en/US/products/hw/switches/ps700/products_tech_note09186a00801347e2.shtml)
- Cisco AS5300 Series Universal Gateways  
[http://www.cisco.com/en/US/products/hw/routers/ps259/products\\_tech\\_note09186a00801fc986.shtml](http://www.cisco.com/en/US/products/hw/routers/ps259/products_tech_note09186a00801fc986.shtml)
- Cisco AS5400 Series Universal Gateways  
[http://www.cisco.com/en/US/products/hw/univgate/ps505/products\\_tech\\_note09186a00800949f4.shtml](http://www.cisco.com/en/US/products/hw/univgate/ps505/products_tech_note09186a00800949f4.shtml)
- Cisco AS5800 Series Universal Gateways  
[http://www.cisco.com/en/US/products/hw/univgate/ps509/products\\_tech\\_note09186a008014f8e2.shtml](http://www.cisco.com/en/US/products/hw/univgate/ps509/products_tech_note09186a008014f8e2.shtml)
- Cisco 7200 Series, 7300 Series, 7400 Series, and 7500 Series Routers  
[http://www.cisco.com/en/US/products/hw/routers/ps133/products\\_tech\\_note09186a0080094c07.shtml](http://www.cisco.com/en/US/products/hw/routers/ps133/products_tech_note09186a0080094c07.shtml)
- Cisco uBR7200 Series Universal Broadband Routers  
<http://www.cisco.com/en/US/docs/cable/cmts/ubr7200/configuration/guide/cr72scg.html>
- Cisco ICS 7700 Series Integrated Communication Systems  
<https://www.cisco.com/en/US/docs/routers/access/ics7750/software/24/troubleshooting/guide/tsinst.html>

For *Cisco IOS Upgrade Ordering Instructions*, refer to the document at the following location:

[http://www.cisco.com/warp/public/cc/pd/iosw/prodlit/957\\_pp.htm](http://www.cisco.com/warp/public/cc/pd/iosw/prodlit/957_pp.htm)

To choose a new Cisco IOS software release by comparing feature support or memory requirements, use Cisco Feature Navigator. Cisco Feature Navigator is a web-based tool that enables you to determine which Cisco IOS software images support a specific set of features and which features are supported in a specific Cisco IOS image. You can search by feature or by feature set (software image). Under the release section, you can compare Cisco IOS software releases side by side to display both the features unique to each software release and the features that the releases have in common.

To access Cisco Feature Navigator, you must have an account on Cisco.com. If you have forgotten or lost your account information, send a blank e-mail to [cco-locksmith@cisco.com](mailto:cco-locksmith@cisco.com). An automatic check will verify that your e-mail address is registered with Cisco.com. If the check is successful, account details with a new random password will be e-mailed to you. Qualified users can establish an account on Cisco.com by following the directions found at this URL:

<http://tools.cisco.com/RPF/register/register.do>

Cisco Feature Navigator is updated regularly when major Cisco IOS software releases and technology releases occur. For the most current information, go to the Cisco Feature Navigator home page at the following URL:

<http://tools.cisco.com/ITDIT/CFN/jsp/index.jsp>

To choose a new Cisco IOS software release based on information about defects that affect that software, use Bug Toolkit at:

[http://www.cisco.com/cgi-bin/Support/Bugtool/launch\\_bugtool.pl](http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl).