



Cross Platform Release Notes for Cisco IOS Release 15.6M&T

These release notes support Cisco IOS Release 15.6M&T up to and including Cisco IOS Release 15.6(2)T3. The release notes are updated with each 15.6M&T release to describe new features and related documents.

Cisco IOS Release 15.6M&T provides the latest innovations for the world's most demanding networks and is designed to provide a unified network architecture that is stable, reliable, and secure. New features are fully integrated with extensive capabilities already available in Cisco IOS software to provide solutions for enterprise, service provider, and smart grid. Browse all support information for [Cisco IOS Release 15.6M&T](#).

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Cross-Platform System Requirements

This section describes the system requirements for Cisco IOS Release 15.6M&T and includes the following sections:

Supported Hardware Platforms

Cisco IOS Release 15.6M&T supports platforms within the following Cisco series:

- Cisco 800 Series Industrial Integrated Services Routers
- Cisco 800 and 800M Series Integrated Services Routers
- Cisco 1000 Series Connected Grid Routers (CGR 1000)
- Cisco 2000 Series Connected Grid Router (CGR 2000)
- Cisco 1900 Series Integrated Services Routers
- Cisco 2900 Series Integrated Services Routers
- Cisco 3900 Series Integrated Services Routers
- Cisco Analog Voice Gateways (VG202XM and VG204XM)
- Cisco High Density Analog Voice Gateways (VG350)

For more information about the platforms supported in Cisco IOS Release 15.6M&T, see the [“Platform-Specific Information” section on page 9](#).

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** user EXEC command:

```
Router> show version
Cisco IOS Software, 7200 Software (C7200-ADVENTERPRISEK9-M), Version 15.6(1) T, RELEASE SOFTWARE
```

Upgrading to a New Release

For information about selecting a new Cisco IOS software release, see *How to Choose a Cisco IOS Software Release* at the following URL:

http://www.cisco.com/en/US/products/sw/iosswrel/ps1834/products_tech_note09186a00800fb9d9.shtml

For information about updating or upgrading Cisco IOS software, see *How to Update/Upgrade Cisco IOS Software* at the following URL:

http://www.cisco.com/en/US/prod/iosswrel/networking_solutions_products_genericcontent0900aecd806ea5be.html

Platform-specific documents may also provide information about upgrading to a new software release:

- Cisco 800 Series Industrial Integrated Services Routers:
<http://www-author.cisco.com/c/en/us/support/routers/800-series-industrial-routers/products-installation-guides-list.html>
- Cisco 800 series routers:
http://www.cisco.com/en/US/products/hw/routers/ps380/prod_installation_guides_list.html
- Cisco IR 800 series routers: <https://www.cisco.com/c/en/us/support/routers/800-series-industrial-routers/tsd-products-support-series-home.html>
- Cisco 1000 CGR series routers
<http://www.cisco.com/c/en/us/support/routers/1000-series-connected-grid-routers/products-installation-and-configuration-guides-list.html>
- Cisco 2000 CGR series routers:
http://www.cisco.com/en/US/products/ps10977/prod_installation_guides_list.html
- Cisco 1900 series routers:
http://www.cisco.com/en/US/docs/routers/access/1900/hardware/installation/guide/1900_HIG.html
- Cisco 2900 and 3900 series routers:
http://www.cisco.com/en/US/docs/routers/access/2900/hardware/installation/guide/Hardware_Installation_Guide.html
- Cisco 5900 Embedded Services Routers:
<http://www.cisco.com/c/en/us/support/routers/5900-series-embedded-services-routers/products-installation-guides-list.html>
- Cisco VG202XM and Cisco VG204XM Voice Gateways:
http://www.cisco.com/en/US/docs/routers/access/vg202_vg204/hardware/vg2_vg4hw.html
- Cisco VG350 Voice Gateway:
http://www.cisco.com/en/US/docs/routers/access/vg350/hardware/installation/guide/vg350_hig.html

For instructions on ordering a Cisco IOS upgrade, see the document at the following location:

http://www.cisco.com/warp/public/cc/pd/iosw/prodlit/957_pp.html.

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 choose a new Cisco IOS software release based on information about defects that affect that software, use Bug Toolkit at the following URL: http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl.

MIBs

To locate and download MIBs for selected platforms, Cisco IOS releases, and feature sets, use Cisco MIB Locator found at the following URL:

<http://tools.cisco.com/ITDIT/MIBS/servlet/index>

If Cisco MIB Locator does not support the MIB information that you need, you can also obtain a list of supported MIBs and download MIBs from the Cisco MIBs page at the following URL:

<http://www.cisco.com/public/sw-center/netmgmt/cmtk/mibs.shtml>

To access Cisco MIB Locator, 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. 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>

Field Notices and Software-Related Tools and Information

We recommend that you view the field notices for this release to see if your software or hardware platforms are affected. You can find Field Notices at

http://www.cisco.com/en/US/support/tsd_products_field_notice_summary.html.

Visit the Download Software page on Cisco.com to subscribe to Cisco software notifications, locate MIBs, access the Software Advisor, and find other Cisco software-related information and tools. Access the Download Software page at <http://www.cisco.com/cisco/software/navigator.html?a=a&i=rpm>.

Troubleshooting

The following documents and websites provide assistance with troubleshooting your Cisco hardware and software:

- *Troubleshoot and Alerts* Product or Technology Selection Page

<http://www.cisco.com/cisco/web/psa/troubleshoot.html?mode=prod&level0=268437899>

- *Cisco 800 Series Routers Troubleshooting Guides*

http://www.cisco.com/en/US/products/hw/routers/ps380/prod_troubleshooting_guides_list.html

- Cisco 1240 and 1120 Connected Grid Router Installation Guides

<http://www.cisco.com/c/en/us/support/routers/1000-series-connected-grid-routers/products-installation-guides-list.html>

- *Cisco 1600 Series Routers Hardware Troubleshooting Index Page*

http://www.cisco.com/en/US/products/hw/routers/ps214/products_tech_note09186a008012fb88.shtml

- *Troubleshooting Cisco 3900 Series, 2900 Series, and 1900 Series ISRs*

<http://www.cisco.com/en/US/docs/routers/access/2900/hardware/installation/guide/Trouble.html>

- *Cisco Unified Communications 500 Series Install and Upgrade Tech Notes*

http://www.cisco.com/en/US/products/ps7293/tsd_products_support_install_and_upgrade_technotes_list.html

Cisco Error Message Decoder

<http://www.cisco.com/cgi-bin/Support/Errordecoder/index.cgi>

- Cisco Support Community

<https://supportforums.cisco.com/index.jspa>