



Release Notes for Cisco Configuration Professional Express 2.5

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These release notes support Cisco Configuration Professional Express (Cisco CP Express) 2.5. They should be used with the documents listed in the [Related Documentation](#) section, particularly *Release Notes for Cisco Configuration Professional*.

These release notes are updated as needed. To ensure that you have the latest version of these release notes, go to <http://www.cisco.com/go/ciscocp>. In the Support box, choose **General Information > Release Notes**, and then find the latest release notes for your release.

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

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Introduction

Cisco CP Express is a graphical configuration tool that enables you to configure a LAN and WAN connection, make security settings to protect the router, and configure a basic firewall and Network Address Translation. Cisco CP Express is installed in router flash memory.

System Requirements

Cisco CP Express can run under the native Java Virtual Machine in the supported browsers and Java Runtime Engine. [Table 1](#) lists the system requirements for a PC running Cisco CP Express, including the web browser versions and Java Runtime Environment versions.

Table 1 PC System Requirements

System Component	Requirement
Operating System	Any of the following: <ul style="list-style-type: none"> • Microsoft Windows 7-32 and 64 bit • Microsoft Windows Vista Business Edition • Microsoft Windows Vista Ultimate Edition • Microsoft Windows XP with Service Pack 3-32 bit
Browser	Cisco CP Express can be used with the following browsers: <ul style="list-style-type: none"> • Firefox 1.0.6 and later versions • Internet Explorer 5.5 and later versions • Netscape 7.1, 7.2, and 9.0
Screen Resolution	1024 X 768
Java Runtime Environment	Cisco CP Express can run under the native Java Virtual Machine in the supported browsers and also under the Java Runtime Environment.

Supported Devices

This section contains the following section:

- [Supported Routers, page 3](#)

Supported Routers

Table 2 and Table 3 list the routers that Cisco CP Express supports.

Table 2 *Supported Integrated Services Routers*

Cisco 800 Series	Cisco 1800 Series	Cisco 2800 Series	Cisco 3800 Series
CISCO815	CISCO1801	CISCO2801	CISCO3825
CISCO815-VPN-K9	CISCO1801-M	CISCO2811	CISCO3825-NOVPN
	CISCO1801/K9	CISCO2821	CISCO3845
	CISCO1801-M/K9	CISCO2851	CISCO3845-NOVPN
	CISCO1801WM-AGE/K9		
	CISCO1801W-AG-B/K9		
	CISCO1801W-AG-C/K9		
	CISCO1801W-AG-N/K9		
CISCO851-K9	CISCO1802		
CISCO851W-G-A-K9	CISCO1802/K9		
CISCO851W-G-E-K9	CISCO1802W-AG-E/K9		
CISCO851W-G-J-K9			
CISCO857-K9	CISCO1803/K9		
CISCO857W-G-A-K9	CISCO1803W-AG-B/K9		
CISCO857W-G-E-K9	CISCO1803W-AG-E/K9		

Table 2 Supported Integrated Services Routers (continued)

Cisco 800 Series	Cisco 1800 Series	Cisco 2800 Series	Cisco 3800 Series
CISCO871-K9	CISCO1805-D		
CISCO871W-G-A-K9	CISCO1805-D/K9		
CISCO871W-G-E-K9	CISCO1805-EJ		
CISCO871W-G-J-K9	CISCO1811/K9		
	CISCO1811W-AG-B/K9		
	CISCO1811W-AG-C/K9		
	CISCO1811W-AG-N/K9		
CISCO876-K9	CISCO1812/K9		
CISCO876W-G-E-K9	CISCO1812-J/K9		
	CISCO1812 W-AG-C/K9		
	CISCO1812W-AG-P/K9		
CISCO877-K9	CISCO1841		
CISCO877-M-K9			
CISCO877W-G-A-K9			
CISCO877W-G-E-K9			
CISCO877W-G-E-M-K9			
CISCO878-K9	C1861-UC-4FXO-K9		
CISCO878W-G-A-K9	C1861-UC-2BRI-K9		
CISCO878W-G-E-K9	C1861-SRST-B/K9		
	C1861-SRST-C-B/K9		
	C1861-SRST-C-F/K9		
	C1861-SRST-F/K9		
	CISCO1861W-SRST-B/K9		
	CISCO1861W-SRST-C-B/K9		
	CISCO1861W-SRST-C-F/K9		
	CISCO1861W-SRST-F/K9		
	CISCO1861W-UC-2BRI-K9		
	CISCO1861W-UC-4FXO-K9		

Table 3 **Supported Integrated Services Routers - G2**

Cisco 800 Series	Cisco 1900 Series	Cisco 2900 Series	Cisco 3900 Series
CISCO861-K9	CISCO1921/K9	CISCO2901/K9	CISCO3925/K9
CISCO861W-GN-A-K9		CISCO2911/K9	CISCO3925E/K9
CISCO861W-GN-E-K9		CISCO2921/K9	CISCO3945/K9
CISCO861W-GN-P-K9		CISCO2951/K9	CISCO3945E/K9
CISCO867-K9	CISCO1941/K9		
CISCO867W-GN-A-K9	CISCO1941W-A/K9		
CISCO867W-GN-E-K9	CISCO1941W-C/K9		
	CISCO1941W-E/K9		
	CISCO1941W-N/K9		
	CISCO1941W-P/K9		
CISCO881G+7-A-K9			
CISCO881G+7-K9			
CISCO881G-B-K9			
CISCO881G-S-K9			
CISCO881G-U-K9			
CISCO881G-V-K9			
CISCO881W-A-K9			
CISCO881W-E-K9			
CISCO881W-P-K9			
CISCO881G-A-K9			
CISCO881G-G-K9			
CISCO881G-S-K9			
CISCO881G-V-K9			
CISCO881GW-GN-A-K9			
CISCO881GW-GN-E-K9			
CISCO881-K9			
CISCO881SRST-K9			
CISCO881SRSTW-GN-A-K9			
CISCO881SRSTW-GN-E-K9			
CISCO881W-GN-A-K9			
CISCO881W-GN-E-K9			
CISCO881W-GN-P-K9			

Table 3 *Supported Integrated Services Routers - G2 (continued)*

Cisco 800 Series	Cisco 1900 Series	Cisco 2900 Series	Cisco 3900 Series
CISCO886VAG+7-K9 CISCO886VA-W-E-K9 CISCO886G-K9 CISCO886GW-GN-E-K9 CISCO886-K9 CISCO886W-GN-E-K9			
CISCO887MVA-W-E-K9 CISCO887VAG+7-K9 CISCO887VAG-S-K9 CISCO887VAMG+7-K9 CISCO887VA-W-A-K9 CISCO887VA-W-E-K9 CISCO887VSRST-K9 CISCO887VSRSTW-GNA-K9 CISCO887VSRSTW-GNE-K9 CISCO887G-K9 CISCO887GW-GN-A-K9 CISCO887GW-GN-E-K9 CISCO887-K9 CISCO887M-K9			
CISCO887MW-GN-E-K9 CISCO887VG-K9 CISCO887VGW-GNA-K9			

Table 3 *Supported Integrated Services Routers - G2 (continued)*

Cisco 800 Series	Cisco 1900 Series	Cisco 2900 Series	Cisco 3900 Series
CISCO887VGW-GNE-K9			
CISCO887V-K9			
CISCO887VW-GNA-K9			
CISCO887VW-GNE-K9			
CISCO888EG+7-K9			
CISCO888ESRSTW-GNA-K9			
CISCO888ESRSTW-GNE-K9			
CISCO888E-K9			
CISCO888EW-GNA-K9			
CISCO888EW-GNE-K9			
CISCO888G-K9			
CISCO888GW-G-NA-K9			
CISCO888GW-G-NE-K9			
CISCO888-K9			
CISCO888SRST-K9			
CISCO888SRSTW-GN-A-K9			
CISCO888SRSTW-GN-E-K9			
CISCO888W-GN-A-K9			
CISCO888W-GN-E-K9			
CISCO891-K9			
CISCO891W-AGN-A-K9			
CISCO891W-AGN-N-K9			
CISCO892F-K9			
CISCO892FW-AGN-A-K9			
CISCO892FW-AGN-E-K9			
CISCO892-K9			
CISCO892W-AGN-E-K9			
CISCO867VA-K9			
CISCO886VA-K9			
CISCO887VA-K9			
CISCO887VA-M-K9			

Cisco IOS Releases

Cisco CP Express is compatible with the Cisco IOS releases listed in [Table 4](#).

Table 4 *Cisco CP Express-Supported Routers and Cisco IOS Versions*

Router Model	Minimum Cisco CP-Supported Cisco IOS Versions
Cisco 815	12.4(11)T
Cisco 850 series	12.4(9)T
Cisco 861	12.4(20)T
Cisco 867	15.0(1)M
Cisco 870 series	12.4(9)T
Cisco 881	12.4(20)T
Cisco 886	15.0(1)M
Cisco 887	15.0(1)M
Cisco 888	12.4(20)T
Cisco 890 series	15.0(1)M
Cisco 1801 Cisco 1802 Cisco 1803	12.4(9)T
Cisco 1805	12.4(15)XY
Cisco 1811 Cisco 1812	12.4(9)T
Cisco 1841	12.4(9)T
Cisco 1861	12.4(20)T
Cisco 1941 Cisco 1941W	15.0(1)M
Cisco 2800 series	12.4(9)T
Cisco 2900 series	15.0(1)M
Cisco 3800 series	12.4(9)T
Cisco 3900 series	15.0(1)M

Determining the Cisco IOS Release

To determine the release of Cisco IOS software currently running on your Cisco router, log in to the router and enter the **show version EXEC** command. The following sample output from the **show version** command indicates the Cisco IOS release on the second output line:

```
Router> show version
c3845-1# show version
Cisco IOS Software, 3800 Software (C3845-ADVENTERPRISEK9-M), Version 12.4(11)XW2, RELEASE
SOFTWARE (fcl)
Technical Support: http://www.cisco.com/techsupport
Copyright (c) 1986-2007 by Cisco Systems, Inc.
Compiled Tue 03-Jul-07 00:49 by prod_rel_team
```

Cisco CP Ordering Options

Cisco CP Express is shipped with every ordering option under which Cisco CP can be ordered. [Table 5](#) describes the Cisco CP ordering option. Ordering options are also referred to as SKUs.

Table 5 Cisco CP Ordering Options

Ordering Options	Description
ISR-CCP-CD	Cisco CP: Shipped on CD Cisco CP Express: Shipped in router flash memory SSL Client: Shipped in router flash memory Default Configuration File: Shipped in router flash memory and in NVRAM
ISR-CCP-NOCONF	Cisco CP: Shipped on CD Cisco CP Express: Shipped in router flash memory SSL Client: Shipped in router flash memory Default Configuration File: Shipped in router flash memory
ISR-CCP-EXP	Cisco CP: Not shipped Cisco CP Express: Shipped in router flash memory SSL Client: Shipped in router flash memory Default Configuration File: Shipped in router flash memory and in NVRAM
ISR-CCP-EXP-NOCONF	Cisco CP: Not shipped Cisco CP Express: Shipped in router flash memory SSL Client: Shipped in router flash memory Default Configuration File: Shipped in router flash memory
ISR-CCP-CD=	Cisco CP: Shipped on CD Spare SKU: Mapped to ISR-CCP-CD

Memory Requirements

Table 6 shows how much memory is required to support Cisco CP Express and related applications.

Table 6 Cisco CP Express File List

Filename	Size	Description
cpexpress.tar	2.9 MB 2,909,184 bytes	Cisco CP Express application file
home.shtml	1.01 KB (1,038 bytes)	Cisco CP Express support file
home.tar	110 KB	Cisco CP Express support file
cpconfig- <i>modelnum</i> For example: cpconfig-180x.cfg	2.82 to 3.33 KB	Default Configuration File
securedesktop-ios-3.1.1.45-k9.pkg	1.61 MB (1,697,952 bytes)	Cisco Secure Desktop client software for SSL VPN clients
sslclient-win-1.1.4.176.pkg	406 KB (415,956 bytes)	Full tunnel client software for SSL VPN clients
wlanui.tar	2.13 MB (2, 242,560 bytes)	Wireless Application
128MB.sdf	515 KB (527,849 bytes)	Signature Definition File (SDF) used by Cisco IOS IPS
256MB.sdf	775 KB (793,739 bytes)	Signature Definition File (SDF) used by Cisco IOS IPS

New and Changed Information

This section contains new information about Cisco CP Express and any information about Cisco CP Express that has changed.

This section contains the following parts:

- [New and Changed Features, page 10](#)
- [New Hardware Support, page 11](#)

New and Changed Features

There are no new and changed features in this release.

New Hardware Support

The new devices that are supported include:

- CISCO887VA-K9
- CISCO881G+7-A-K9
- CISCO881G+7-K9
- CISCO881G-B-K9
- CISCO881G-S-K9
- CISCO881G-U-K9
- CISCO881G-V-K9
- CISCO881W-A-K9
- CISCO881W-E-K9
- CISCO881W-P-K9
- CISCO886VAG+7-K9
- CISCO886VA-W-E-K9
- CISCO887MVA-W-E-K9
- CISCO887VAG+7-K9
- CISCO887VAG-S-K9
- CISCO887VAMG+7-K9
- CISCO887VA-W-A-K9
- CISCO887VA-W-E-K9
- CISCO888EG+7-K9

Installation Notes

This section contains important information regarding the installation of Cisco CP Express.

- [Downloading Cisco CP Express from Cisco.com and Installing it on the Router, page 11](#)
- [Uninstalling Cisco CP Express Files, page 12](#)

Downloading Cisco CP Express from Cisco.com and Installing it on the Router

If Cisco CP Express is not currently installed on the router, complete the following steps to install it:

-
- Step 1** Go to <http://www.cisco.com/go/ciscoep>, and click **Download Software** in the Support box.
- Step 2** If a login page appears, enter your login credentials. In the Software Download page, click **Cisco Configuration Professional**.

- Step 3** In the next download page that appears, click the release number to download.
- Step 4** Click the Cisco Configuration Professional Express Package link. The zip file contains the Cisco CP Express installation files.
-

Uninstalling Cisco CP Express Files

To remove Cisco CP Express from flash memory or from a router disk file system, you can log onto the router and complete the following steps in EXEC mode:

- Step 1** Change to the directory in which the Cisco CP Express files are located.

If the router has a flash file system, use the following command:

```
router# cd flash:
```

If the router has a disk file system, use the following command:

```
router# cd diskN
```

Replace *N* with the actual number of the disk. Use the **slot** keyword instead of the **disk** keyword if necessary.

- Step 2** Use the **delete** command to remove the Cisco CP Express files. The example below deletes the file `cpexpress.tar`:

```
router# delete cpexpress.tar
Delete filename [cpexpress.tar]?
Delete flash:cpexpress.tar? [confirm]
```

Press **Return** to confirm the deletion.

- Step 3** Use the **delete** command to remove the remaining Cisco CP Express files.

- Step 4** Reclaim memory space by using the **squeeze flash:** command:

```
router# squeeze flash:
```

It is not necessary to use the **squeeze flash:** command on DOS-based file systems.

Important Notes

This section contains important information for Cisco CP Express. It contains the following sections:

- [Cisco IOS Enforces One-Time Use of Default Credentials, page 13](#)
- [Cisco CP Express May Not Operate with Custom Configuration File, page 14](#)
- [Popup Blockers Disable Cisco CP Express Online Help, page 15](#)
- [Caveats, page 15](#)

Cisco IOS Enforces One-Time Use of Default Credentials

To address CSCsm25466, Cisco IOS images included with recent shipments of Cisco 800, Cisco 1800, Cisco 2800, Cisco 2900, Cisco 3800, and Cisco 3900 routers, enforce the one-time use of the default username and password provided in the default configuration file shipped with Cisco CP Express and Cisco CP. If you bypass Cisco CP Express and use a console or Telnet connection to log into the router, the login and EXEC banners warn you that you must change the username to “cisco” and the password to “cisco” before you log off of the router. If you do not change the credentials as directed, you will not be able to log into the router the next time that you attempt to do so.

The following Cisco IOS releases enforce the one-time use of the default credentials:

- 12.4(11)T or later
- 12.4(11)SW, 12.4(11)SW1, 12.4(11)XV, 12.4(11)XJ
- 12.4(9)T5, 12.4(9)T6
- 15.0(1)M or later

Follow the procedure in this section to secure the router by creating a new username and password, to remove the login banner and exec banner warnings, and to save the configuration changes to the router startup configuration.



Note

If you log into the router using a Telnet or a console connection but do not complete the steps in this procedure, be aware of the following:

- If you do not change the default username and password, and then log off the router, you will not be able to log into the router again without entering the **reload** command. No additional warning is given before you log off.
- If you do not change the default username and password, but do enter the **write memory** command before ending the session, future logins will be disabled. In this case, you will need to follow the password recovery procedure at the following link:

http://www.cisco.com/en/US/products/sw/iosswrel/ps1831/products_tech_note09186a00801746e6.shtml

To secure the router, remove the banner warnings, and save the changes to the router startup configuration, complete the following steps:

-
- Step 1** Connect the blue console port on your router to a serial port on your PC using the light blue console cable, which is included with your router. Refer to your router’s hardware installation guide for instructions.
- Step 2** Connect the power supply to your router, plug the power supply into a power outlet, and turn on your router. Refer to your router’s quick start guide for instructions.
- Step 3** Use Hyper Terminal or a similar terminal emulation program on your PC, with the terminal emulation settings of 9600 baud, 8 data bits, no parity, 1 stop bit, and no flow control, to connect to your router.
- Step 4** When prompted, enter the username **cisco** and password **cisco**.
- Step 5** Enter configuration mode by entering the following command:
- ```
yourname# configure terminal
```
- Step 6** Create a new username and password by entering the following command:
- ```
yourname(config)# username username privilege 15 secret 0 password
```

Replace *username* and *password* with the username and password that you want to use.

Step 7 Remove the default username and password by entering the following command:

```
yourname(config)# no username cisco
```

Step 8 To remove the login banner, enter the following command:

```
yourname(config)# no banner login
```

The login banner warning will no longer appear.

Step 9 To remove the exec banner, enter the following command:

```
yourname(config)# no banner exec
```

The exec banner warning will no longer appear.

Step 10 Leave the configuration mode, by entering the following command:

```
yourname(config)# end
```

Step 11 Copy the configuration changes to the startup configuration by entering the following command:

```
yourname# copy running-config startup-config
```

When logging into the router in the future, use the username and password that you created in [Step 6](#).

Cisco CP Express May Not Operate with Custom Configuration File

If you load a custom configuration file on the router using Cisco CP Express or any other process, you may remove CLI commands that Cisco CP Express operation requires and prevent it from operating. Cisco CP requires the following basic configuration to connect to the router and manage it.

- HTTP or HTTPS server must be enabled with local authentication.
- Local user account with privilege level 15 and accompanying password must be configured.
- Vty with protocol Secure Shell (SSH)/Telnet must be enabled with local authentication. This is needed for interactive commands.
- HTTP timeout policy must be configured with the parameters shown in the following example to avoid a known launch issue with Cisco CP Express.
- PC on which Cisco CP Express is to run and the interface through which Cisco CP Express will be launched must be configured with IP addresses from the same subnet.

The following example shows a configuration that contains the CLI commands Cisco CP Express requires to operate.

```
hostname yourname
!
logging buffered 51200 warnings
!
username fish privilege 15 secret 0 salmon
!
ip domain-name yourdomain.com
!
interface FastEthernet0
description $ETH-LAN$$ETH-SW-LAUNCH$$INTF-INFO-10/100 Ethernet$
ip address 10.10.10.1 255.255.255.248
```

```

description PC must be on the same subnet as this interface
no shutdown
!
ip http server
ip http secure-server
ip http authentication local
ip http timeout-policy idle 60 life 86400 requests 10000
!
line vty 0 4
privilege level 15
login local
transport input telnet
transport input telnet ssh
line vty 5 15
privilege level 15
login local
transport input telnet
transport input telnet ssh

```

Popup Blockers Disable Cisco CP Express Online Help

If you have enabled popup blockers in the browser you use to run Cisco CP Express, online help will not appear when you click the help button. To prevent this from happening, you must disable the popup blocker when you run Cisco CP Express. Popup blockers may be enabled in search engine tool bars, or may be standalone applications integrated with the web browser.

Microsoft Windows XP with Service Pack 2 blocks popups by default. To turn off popup blocking in Internet Explorer, go to **Tools > Pop-up Blocker > Turn Off Pop-up Blocker**.

If you have not installed and enabled third-party pop up blockers, go to **Tools > Internet Options > Privacy**, and uncheck the **Block popups** checkbox.

In Firefox 1.5 and later versions, click **Tools > Options > Content**. Uncheck **Block pop-up windows**.

Caveats

Caveats describe unexpected behavior in Cisco CP Express. This section contains the following:

- [Open Caveats, page 15](#)
- [Resolved Caveats, page 15](#)

Open Caveats

There are no open caveats in this release.

Resolved Caveats

There are no resolved caveats in this release.

Related Documentation

Table 7 describes the related documentation available for Cisco CP and Cisco CP Express.

Table 7 Cisco Configuration Professional Documentation

Document Title	Available Formats
<i>Release Notes for Cisco Configuration Professional Express (this document)</i>	This document is available at the following location: <ul style="list-style-type: none"> • www.cisco.com
<i>Cisco Configuration Professional Express User Guide</i>	This guide is available at the following locations: <ul style="list-style-type: none"> • www.cisco.com • Online help
<i>Readme First for Cisco Configuration Professional</i>	This document is available at the following locations: <ul style="list-style-type: none"> • www.cisco.com • Product CD-ROM in the Documentation folder
<i>Cisco Configuration Professional Quick Start Guide</i>	This guide is available at the following locations: <ul style="list-style-type: none"> • www.cisco.com • Product CD-ROM in the Documentation folder
<i>Cisco Configuration Professional Getting Started Guide</i>	This guide is available at the following locations: <ul style="list-style-type: none"> • www.cisco.com • Product CD-ROM in the Documentation folder <p>Note During the installation process, just before you have finished installing the product, you are provided with the option to read the Getting Started guide.</p>
<i>Cisco Configuration Professional User Guide</i>	This guide is available at the following locations: <ul style="list-style-type: none"> • www.cisco.com • Online help.
<i>Release Notes for Cisco Configuration Professional</i>	This document is available at the following location: <ul style="list-style-type: none"> • www.cisco.com



Note

For information on obtaining documentation and technical assistance, product security, and 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>.

This document is to be used in conjunction with the documents listed in the [Related Documentation](#) section

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