

Release Notes for Cisco Configuration Professional 2.5

April 29, 2011 OL-24944-01

These release notes support Cisco Configuration Professional (Cisco CP) version 2.5. They should be used with the documents listed in the "Related Documentation" section.

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

Contents

This document contains the following sections:

- Introduction, page 2
- System Requirements, page 2
- New and Changed Information, page 20
- Limitations and Restrictions, page 23
- Important Notes, page 24
- Caveats, page 28
- Related Documentation, page 37
- Glossary, page 38



Introduction

Cisco CP is a GUI-based device management tool for Integrated Service Routers. Cisco CP simplifies router, Firewall, Intrusion Prevention System, VPN, Unified Communications, WAN, and basic LAN configurations through GUI-based, easy-to-use wizards. Cisco CP is installed on a PC.

Routers that are ordered with Cisco CP are shipped with Cisco CP Express installed in router flash memory. Cisco CP Express is a light-weight version of Cisco CP that you can use to configure LAN and WAN interfaces.

System Requirements

This sections describes PC and router system requirements. It contains the following parts:

- PC System Requirements, page 2
- Router System Requirements, page 3
- Cisco CP Ordering Options, page 19

PC System Requirements

Table 1 lists the system requirements for a PC running Cisco CP. Although the Cisco CP application requires Java Runtime Environment (JRE) to run, the Cisco CP Express application included with Cisco CP can run under the native Java Virtual Machine in the supported browsers and JRE.

System Component	Requirement
Processor	2 GHz processor or faster
Random Access Memory	1 GB DRAM minimum; 2 GB recommended
Hard disk available memory	400 MB
Operating System	Any of the following:
	• 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
	• Mac OSX 10.5.6 running Windows XP using VMWare 2.0
Browser	Internet Explorer 6.0 or above
Screen Resolution	1024 X 768
Java Runtime Environment	JRE versions 1.6.0_11 up to 1.6.0_24 supported
Adobe Flash Player	Version 10.0 or later, with Debug set to "No"

 Table 1
 PC System Requirements

Router System Requirements

Router System Requirements are described in the following parts:

- Supported Routers, page 3
- Supported Phones, page 10
- Supported Modules and Cards, page 12
- Connected Grid, page 17
- Determining the Cisco IOS Release, page 18
- Required IP Address Configuration Information, page 18
- Router Configuration Requirements, page 18

Supported Routers

Table 2 lists the routers that Cisco CP supports.

Table 2	Supported Routers
Supported Ro	uters
Cisco 815 Se	ries
CISCO815	
CISCO815-V	PN-K9
Cisco 851 Se	ries
CISCO851-K	9
CISCO851W	-G-A-K9
CISCO851W	-G-E-K9
CISCO851W	-G-J-K9
Cisco 857 Se	ries
CISCO857-K	9
CISCO857W	-G-A-K9
CISCO857W	-G-E-K9
Cisco 861 Se	ries
CISCO861-K	9
CISCO861W	-GN-A-K9
CISCO861W	-GN-E-K9
CISCO861W	-GN-P-K9
Cisco 867 Se	ries
CISCO867-K	9
CISCO867VA	A-K9
CISCO867W	-GN-A-K9
CISCO867W	-GN-E-K9

Table 2	Supported Ro	uters (continued)
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Supported Routers Cisco 871 Series CISCO871-K9 CISCO871W-G-A-K9 CISCO871W-G-E-K9 CISCO871W-G-J-K9 **Cisco 876 Series** CISCO876-K9 CISCO876W-G-E-K9 **Cisco 877 Series** CISCO877-K9 CISCO877-M-K9 CISCO877W-G-A-K9 CISCO877W-G-E-K9 CISCO877W-G-E-M-K9 **Cisco 878 Series** CISCO878-K9 CISCO878W-G-A-K9 CISCO878W-G-E-K9 **Cisco 881 Series**

Supported Routers
CISCO881-K9
CISCO881W-GN-A-K9
CISCO881W-GN-E-K9
CISCO881W-GN-P-K9
CISCO881W-A-K9
CISCO881W-E-K9
CISCO881G-K9
CISCO881GW-GN-A-K9
CISCO881GW-GN-E-K9
CISCO881G-S-K9
CISCO881G-V-K9
CISCO881G-A-K9
C881G-U-K9
C881G-S-K9
C881G-V-K9
C881G-B-K9
C881G+7-K9
C881G+7-A-K9
C881SRST-K9
C881SRSTW-GN-A-K9
C881SRSTW-GN-E-K9
Cisco 886 Series
CISCO886-K9
CISCO886G-K9
CISCO886VA-K9
C886VA-W-E-K9
C886VAG+7-K9
CISCO886GW-GN-E-K9
Cisco 887 Series

Supported Routers (continued)

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Table 2

Table 2 Supported Routers (continued)

Supported Routers
CISCO887-K9
CISCO887VA-K9
CISCO887VA-M-K9
C887VA-W-A-K9
C887VA-W-E-K9
C887VAM-W-E-K9
C887VAG-S-K9
C887VAG+7-K9
C887VAMG+7-K9
CISCO887W-GN-A-K9
CISCO887W-GN-E-K9
CISCO887M-K9
CISCO887MW-GN-E-K9
CISCO887G-K9
CISCO887GW-GN-A-K9
CISCO887GW-GN-E-K9
CISCO887V-K9
CISCO887VW-GNA-K9
CISCO887VW-GNE-K9
CISCO887VG-K9
CISCO887VGW-GNA-K9
CISCO887VGW-GNE-K9
Cisco 888 Series

Release Notes for Cisco Configuration Professional 2.5

Supported noticers
CISCO888-K9
CISCO888W-GN-A-K9
CISCO888W-GN-E-K9
CISCO888E-K9
CISCO888EW-GN-A-K9
CISCO888EW-GN-E-K9
CISCO888G-K9
CISCO888GW-G-NA-K9
CISCO888GW-G-NE-K9
C888EG+7-K9
C888SRST-K9
C888SRSTW-GN-A-K9
C888SRSTW-GN-E-K9
Cisco 891 Series
CISCO891-K9
CISCO891W-AGN-A-K9
CISCO891W-AGN-N-K9
Cisco 892 Series
CISCO892-K9
CISCO892F-K9
CISCO892W-AGN-E-K9
Cisco 1801
CISCO1801
CISCO1801/K9
CISCO1801-M
CISCO1801-M/K9
CISCO1801W-AG-B/K9
CISCO1801W-AG-C/K9
CISCO1801W-AG-N/K9
CISCO1801WM-AGB/K9
Cisco 1802
CISCO1802
CISCO1802/K9
Ciano 1902

Cisco 1803

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Table 2

Supported Routers

Table 2 Supported Routers (continued)

Supported Routers

CISCO1803/K9

CISCO1803W-AG-B/K9

CISCO1803W-AG-E/K9

Cisco 1805

CISCO1805-D

CISCO1805-D/K9

CISCO1805-EJ

Cisco 1811

CISCO1811/K9

CISCO1811W-AG-B/K9

CISCO1811W-AG-C/K9

CISCO1811W-AG-N/K9

Cisco 1812

CISCO1812/K9

CISCO1812-J/K9

CISCO1812 W-AG-C/K9

CISCO1812W-AG-P/K9

Cisco 1841

CISCO1841

Cisco 1861

Table 2 Supported Routers (continued)

Supported Routers

CISCO1861-SRST-B/K9 CISCO1861-SRST-C-B/K9 CISCO1861-SRST-C-F/K9 CISCO1861-SRST-F/K9 CISCO1861-UC-2BRI-K9 CISCO1861-UC-4FXO-K9 CISCO1861E-SRST-B/K9 CISCO1861E-SRST-C-B/K9 CISCO1861E-SRST-C-F/K9 CISCO1861E-SRST-F/K9 CISCO1861E-UC-2BRI-K9 CISCO1861E-UC-4FXO-K9 CISCO1861W-SRST-C-B/K9 CISCO1861W-SRST-C-F/K9 CISCO1861W-SRST-B/K9 CISCO1861W-SRST-F/K9 CISCO1861W-UC-2BRI-K9 CISCO1861W-UC-4FXO-K9 **Cisco 1921** CISCO1921/K9 **Cisco 1941** CISCO1941/K9 CISCO1941W-A/K9 CISCO1941W-C/K9 CISCO1941W-E/K9 CISCO1941W-N/K9 CISCO1941W-P/K9 **Cisco 2800 Series** CISCO2801 CISCO2811 CISCO2821 CISCO2851

Cisco 2900 Series

Table 2	Supported Routers (continued)

Supported Routers
CISCO2901/K9
CISCO2911/K9
CISCO2921/K9
CISCO2951/K9
Cisco 3800 Series
CISCO3825
CISCO3825-NOVPN
CISCO3845
CISCO3845-NOVPN
Cisco 3900 Series
CISCO3925/K9
CISCO3925E/K9
CISCO3945/K9
CISCO3945E/K9

Supported Phones

Table 3 lists the phones that Cisco CP supports.

Supported Phones	Supported Expansion Modules	Supported Conference Stations
3905		
6901		
6911		
6921		
6941		
6945		
6961		
7902G	7914	7935
7905	7915-12	7936
7906G	7915-24	7937G
7910G	7916-12	
7911G	7916-24	
7912G		
7920		
7921G		
7931G		
7940G		
7941G		
7941G-GE		
7942G		
7945G		
7960G – compatible expansion module (7914)		
7961G – compatible expansion module(7914)		
7961G-GE		
7962G – compatible expansion module(7915,7916)		
7965G – compatible expansion module (7915,7916)		
7970G – compatible expansion module (7914)		
7971G – compatible expansion module (7914)		
7975G – compatible expansion module (7915,7916)		
7985G		
8941		
8945		
8961		

Table 3Supported Phones

Supported Phones	Supported Expansion Modules	Supported Conference Stations
9951		
9971		
ATA		
CIPC – Cisco IP Communicator		

Table 3 Supported Phones (continued)

Supported Modules and Cards

Table 4 lists the network modules and interface cards that Cisco CP supports.

Table 4Supported Modules and Cards

Modules and Cards
Advanced Integration
AIM-CUE
AIM2-CUE-K9
AIM-IPS-K9
AIM2-APPRE-104-K9
AIM-VPN/BP II PLUS
AIM-VPN/EP II PLUS
AIM-VPN/HP II PLUS
AIM-VPN/SSL-1
AIM-VPN/SSL-2
AIM-VPN/SSL-3
Analog Dialup
WIC-1AM
WIC-2AM
Analog and Digital Voice/Fax

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Modules and Cards
NM-HD-1V
NM-HD-2V
NM-HD-2VE
NM-HDA-4FXS
NM-HDV2
NM-HDV2-1T1/E1
NM-HDV2-2T1/E1
EVM-HD-8FXS/DID
EM-HDA-8FXS
EM-HDA-4FXO
EM-HDA-6FXO
EM-HDA-3FXS/4FXO
EM-4BRI-NT/TE
EM2-HDA-4FXO
EM3-HDA-8FXS/DID
Application
ISM-SRE-300-K9
SM-SRE-700-K9
SM-SRE-900-K9
NME-WAE-302-K9
NME-WAE-502-K9
NME-WAE-522-K9
NME-APPRE -302-K9
NME-APPRE -502-K9
NME-APPRE -522-K9
Broadband

Table 4Supported Modules and Cards

Table 4 Supported Modules and Cards

Modules and Cards
EHWIC-VA-DSL-A
EHWIC-VA-DSL-B
EHWIC-VA-DSL-M
HWIC-1ADSL
HWIC-1ADSLI
HWIC-1ADSL-M
HWIC-1CABLE-D-2
HWIC-1CABLE-E/J-2
HWIC-1VDSL
HWIC-2SHDSL
HWIC-4SHDSL
HWIC-4SHDSL-E
HWIC-ADSL-B/ST
HWIC-ADSLI-B/ST
WIC-1SHDSL-V2
WIC-1SHDSL-V3
WIC-1ADSL
WIC 1ADSL-DG
WIC 1ADSL-I-DG
Cisco Unity Voicemail
NME-CUE
NM-CUE
NM-CUE-EC
Ethernet Routed Port
HWIC-1FE
HWIC-2FE
Ethernet Switch

Modules and Cards
NM-16ESW
NM-16ESW-PWR
NM-16ESW-1GIG
NM-16ESW-PWR-1GIG
NMD-36ESW-PWR
NMD-36ESW-PWR-2GIG
NME-16ES-1G-P
NME-X-23ES-1G-P
NME-XD-24ES-1S-P
NME-XD-48ES-2S-P
SM-ES2-16-P
SM-ES2-24
SM-ES2-24-P
SM-D-ES2-48
SM-ES3-16-P
SM-ES3-24-P
SM-ES3G-16-P
SM-ES3G-24-P
SM-D-ES3-48-P
SM-D-ES3G-48-P
EHWIC-4ESG
EHWIC-4ESG-P
EHWIC-D-8ESG
EHWIC-D-8ESG-P
HWIC-4ESW
HWIC-4ESW-POE
HWIC-D-9ESW
HWIC-D-9ESW-POE
ISDN BRI
WIC-1B-S/T-V3
Multiflex Trunk Voice & WAN Interface Cards
VWIC2-1MFT-T1/E1
VWIC2-2MFT-T1/E1
Serial Sync/Async Interface
HWIC-16A

Table 4 Supported Modules and Cards

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Table 4 Supported Modules and Cards

Modules and Cards
HWIC-2A/S
HWIC-4A/S
HWIC-8A
HWIC-8A/S-232
WIC-2A/S
Serial WAN Interface
HWIC-1T
HWIC-2T
HWIC-4T
HWIC-1DSU-T1
WIC-1T
WIC-2T
WIC-1DSU-T1-V2
WIC-1DSU-56K4
Voice Interface
VIC-2DID
VIC-4FXS/DID
VIC2-2FXO
VIC2-4FXO
VIC2-2FXS
VIC2-2BRI-NT/TE
VIC2-2E/M
VIC3-4FXS/DID
VIC3-2FXS/DID
VIC3-2FXS-EDID
VPN and Security
NME-IPS-K9
NME-NAC-K9
Wireless AP
HWIC-AP-G-A
HWIC-AP-G-E
HWIC-AP-G-J
HWIC-AP-AG-A
HWIC-AP-AG-E
HWIC-AP-AG-J

Table 4Supported Modules and Cards

Modules and Cards	
Wireless WAN	
EHWIC-3G-EVDO-B	
EHWIC-3G-EVDO-S	
EHWIC-3G-EVDO-V	
EHWIC-3G-HSPA-U	
HWIC-3G-CDMA-S	
HWIC-3G-CDMA-V	
HWIC-3G-HSPA	
HWIC-3G-HSPA-A	
HWIC-3G-HSPA-G	
HWIC-3G-GSM	
PCEX-3G-HSPA-G	
PCEX-3G-HSPA-US	

Connected Grid

Table 5 lists the connected grid devices that Cisco CP supports.

Table 5Connected Grid

Switches	Routers
CGS-2520-24TC CGS-2520-16S-8PC	CGR 2010/K9

Cisco IOS Releases

Cisco CP is compatible with the Cisco IOS releases listed in Table 6.

Table 6 Cisco CP-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

Router Model	Minimum Cisco CP-Supported Cisco IOS Versions
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	15.0(1)M
Cisco 1941W	
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

 Table 6
 Cisco CP-Supported Routers and Cisco IOS Versions (continued)

Determining the Cisco IOS Release

To determine the release of Cisco IOS software currently running on your Cisco router, log into 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** Cisco IOS Software, C2951 Software (C2951-UNIVERSALK9-M), Version 15.1(2)T1"

Required IP Address Configuration Information

Table 7 provides the required IP address configuration for the PC. Use this information to complete the"Task 4: Configure the IP Address On the PC" section in *Cisco Configuration Professional Quick StartGuide*.

Router Model	DHCP Server	Required PC IP Address Configuration
Cisco 815, Cisco 85x, Cisco 86x, Cisco 87x, Cisco 88x, Cisco 89x, Cisco 180x, Cisco 1805, Cisco 1811 and 1812	Yes	Obtains the IP address automatically
Cisco 1841, Cisco 1861, Cisco 28xx, Cisco 38xx, Cisco 29xx, Cisco 39xx	No	Static IP address from 10.10.10.2 to 10.10.10.6 Subnet Mask: 255.255.255.248

Router Configuration Requirements

To run Cisco CP, a router configuration must meet the requirements shown in Table 8.

Feature	Requirement	Configuration Example
Secure access	SSH and HTTPS	<pre>Router(config)# ip http secure-server Router(config)# ip http authentication local Router(config)# line vty 0 15 Router(config)# login local Router(config-line)# transport input ssh Router(config-line)# transport output ssh</pre>
Nonsecure access	Telnet and HTTP	<pre>Router(config)# ip http server Router(config)# ip http authentication local Router(config)# line vty 0 15 Router(config)# login local Router(config-line)# transport input telnet Router(config-line)# transport output telnet</pre>
User privilege level	15	Router(config)# username cisco privilege 15 secret 0 cisco

Table 8 Router Configuration Requirements

The default configuration file meets all Cisco CP requirements. The default configuration file has the name cpconfig-*model_number*.cfg. For example, the configuration file for the Cisco 860 and Cisco 880 routers is cpconfig-8xx.cfg.

Cisco CP Ordering Options

Table 9 describes the ordering options under which Cisco CP can be ordered. Cisco CP Express is a product that is shipped in router flash memory when the router is ordered with Cisco CP.

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-CD-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

Table 9 Cisco CP Ordering Options

Ordering Options	Description
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

 Table 9
 Cisco CP Ordering Options (continued)

New and Changed Information

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

This section contains the following parts:

- New and Changed Features, page 20
- New Hardware Support, page 22

New and Changed Features

Cisco CP 2.5 supports the following new and changed features:

• Bulk Import Enhancements

A newer Version (1_1) of the Bulk Import template is available. The new template supports creation of SIP phones, extensions, and users along with the SCCP counterparts. However, the older version of the template is still supported.

• Licensing Feature Support

Using Cisco CP, you can:

- Install and enable licenses.
- View licenses present on the device.
- ModBus

The Modicon Communication Bus (ModBus) feature allows communication between a switch and a device in the network by using the ModBus client software. ModBus is a serial communications protocol for client-server communication between a switch (server) and a device in the network running ModBus client software (client). You can use ModBus to connect a computer to a Remote Terminal Unit (RTU) in Supervisory Control and Data Acquisition (SCADA) systems.

• Phone and Extension Templates Enhancements

In addition to Softkeys, Cisco CP now supports Blocked Features, Call Conference, and Codec configurations on Phone Templates. You can now also configure Permissions and Translation Rules and Profiles on Extension Templates, in addition to Call Forward and Pickup Group Number.

• Phone Firmware Enhancements

A wizard is now available to configure phone firmware files for both SIP and SCCP phone models available on the Flash or on the PC in .zip or .tar formats. You can download phone firmware files using the Download link. The phone firmware summary page lists configured phone firmware and also allows you to view phone registration status, edit or delete phone firmware configurations, and reset phones to allow configuration of new phone firmware.

• Ping and Traceroute

Cisco CP now supports the ping and traceroute commands from the Utilities menu to enable troubleshooting of the network.

• Quick Search

Cisco CP now provides option to search for features based on keywords and navigate to the required feature.

• Service Ready Engine—Virtualization Support (SRE-V)

Using Cisco CP, you can:

- Install SRE-V software on SM-SRE 700 and 900 modules.
- Edit console manager and hypervisor IP configurations.
- Launch Vsphere client UI from Cisco CP.
- Configure users, groups, roles and permissions, and syslog
- View license details.
- Security Wizard

The security wizard feature enables you to create an Access Control List (ACL) and assign it to the list of interfaces. It also prevents unauthorized users (host) from accessing a specific server (destination) or a specific network (destination), as well as a specific protocol on the application server.

• Setup New Device

The Setup New Device wizard allows you to set up a new device and manage it. Before you use Cisco CP to set up a new device, ensure that the computer running Cisco CP is connected to the powered up device over the console port and the device baud is set to its default value.

• Single-Number Reach Enhancements

The Single-Number Reach (SNR) enhancement allows you to replace the calling-number with the SNR extension number, in calls forwarded to the remote phone. This feature helps disguise the actual caller number by replacing it with the SNR extension number, making it possible for the receiver of the call to identify whether the call is a direct one or through the SNR number.

• SIP Support

Cisco CP now supports:

- Creation and modification of SIP extensions and phones for SIP CME, SCCP, and SIP CME through SIP trunks.
- Registration of SIP phones.
- Option to quickly add new SCCP and SIP phones and extensions and edit values.
- Telephony Settings Enhancements

Telephony Settings allows you to specify the endpoint type as SIP or SCCP. Advanced Telephony Settings options are now available from the **Unified Communications > Telephony Settings** screen.

• Ten Devices Per Community

Cisco CP now supports ten devices per community.

• Traffic Monitoring

Using Cisco CP, you can:

- Install Data Collector and enable traffic monitoring.
- View real-time bandwidth usage and throughput.
- View traffic volume grouped by protocol and IP address.
- Unified Communications Enhancements

Cisco Unified Border Element (CUBE) and Media Resources are now available as separate modes under **Unified Communications > Unified Communications Features**. All Unified Communications screens now open with a read-only summary screen. The features available in the left navigation pane depend on the mode you select in the Unified Communications Features page.

• WAAS Express Registration

Cisco CP 2.5 provides a wizard to simplify the registration of WAAS Express with the WAAS Central Manager (WCM). Using the wizard you can configure:

- WCM IP address
- WCM Certificate
- Router's self-signed certificate
- Local User
- AAA Authentication List

New Hardware Support

The new devices supported are:

- 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
- CISCO886VAG+7-K9
- CISCO886VA-W-E-K9
- CISCO887VAM-W-E-K9
- CISCO887VAG+7-K9
- CISCO887VAG-S-K9

- CISCO887VAMG+7-K9
- CISCO887VA-W-A-K9
- CISCO887VA-W-E-K9
- CISCO888EG+7-K9
- EHWIC-VA-DSL-A
- EHWIC-3G-HSPA-U
- EHWIC-3G-EVDO-V
- EHWIC-3G-EVDO-S
- EHWIC-VA-DSL-B
- EHWIC-VA-DSL-M

Limitations and Restrictions

This section describes restrictions and limitations that may apply to Cisco CP. It contains the following parts:

- Cisco CP Minimum Screen Resolution, page 23
- JRE Settings for Cisco CP, page 23
- Pop-up Screens Appearing on Primary Monitor if Cisco CP Is Moved to Extended Monitor, page 24

Cisco CP Minimum Screen Resolution

Cisco CP requires a screen resolution of at least 1024 x 768.

JRE Settings for Cisco CP

The following JRE settings are needed for Cisco CP to function properly:

	Go to Start > Control Panel > Java.
	Click View under Java Applet Runtime Settings.
	Select your JRE in use.
Set the "Java runtime parameters" with the value "-Xmx256m -Dsun.java2d.d3d=false".	
	In addition, if JRE is upgraded to versions 1.6.0_11 or above, following settings are needed after Cisco
	CP installation.
	CP installation. Go to Start > Control Panel > Java > Advance .
	Go to Start > Control Panel > Java > Advance.

Pop-up Screens Appearing on Primary Monitor if Cisco CP Is Moved to Extended Monitor

If Cisco CP is running on a laptop that is also connected to an external monitor and the screen is set for extended display, pop-up dialog boxes of all SDM applet security pages, routing pages, and help pages appear on the primary monitor. This issue is seen in the following scenario:

- **Step 1** Connect the monitor to a laptop and set the screen for extended display.
- **Step 2** Launch Cisco CP and move it to secondary screen.

Step 3 Click Configure > Security > Security Audit > Perform Security Audit.

The Audit screen appears in the primary monitor and Cisco CP in the secondary monitor.

Important Notes

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

- Cisco IOS Enforces One-Time Use of Default Credentials, page 24
- Cisco CP Merge and Replace Configuration Functions Fail Under Some Conditions, page 26
- Cisco CP May Lose Connection to Network Access Device, page 26
- Popup Blockers Disable Cisco CP Online Help, page 26
- Screencasts for Cisco CP Features, page 27
- Temporary Internet Files—Impact on Launch, page 27

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 user name and password provided in the Cisco CP configuration file. If you bypass Cisco CP or 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 user name to "cisco" and the password to "cisco" before you log off 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.



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 config, 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, 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 HyperTerminal 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
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 6 Remove the default username and password by entering the following command:

yourname(config)# no username cisco

Step 7 To remove the login banner, enter the following command:

yourname(config)# no banner login

The login banner warning will no longer appear.

Step 8 To remove the exec banner, enter the following command: yourname(config)# **no banner exec**

The exec banner warning will no longer appear.

- Step 9 Leave configuration mode, by entering the following command: yourname(config)# end
- **Step 10** 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 Merge and Replace Configuration Functions Fail Under Some Conditions

The problem described here is caveat CSCsj21989. If you attempt to merge configuration changes made using the Cisco CP Config Editor feature, or replace the running configuration with a configuration from the Config Editor, the router configuration will not be changed if there is a network device with a Network Address Translation (NAT) IP address, or a cache engine in the connection between the PC and the router. If you need to make changes to the router configuration that you would normally make using the Cisco CP Config Editor, use the Cisco IOS CLI instead.Cisco CP Security Dashboard May Display Threats Unrelated to Your Cisco IOS IPS Installation

Some (or all) of the top threats you obtain using the Cisco CP Security Dashboard may not pertain to your Cisco IOS IPS installation. After you deploy the signatures applicable to the top threats displayed by the Cisco CP Security Dashboard, the dashboard may still display some (or all) top threats with a red icon because applicable signatures could not be found. Those remaining top threats are unrelated to your Cisco IOS IPS installation and are not a danger to your router running Cisco IOS software.

Cisco CP May Lose Connection to Network Access Device

This note concerns the Network Admission Control (NAC) feature.

If the PC used to invoke Cisco CP returns a posture state (Healthy, Infected, Checkup, Quarantine, or Unknown) and if the group policy on the ACS server attached to the posture token assigned to the PC has a redirect URL configured, the connection between Cisco CP and the router acting as the Network Access Device (NAD) may be lost. The same problem can occur if an exception list entry attached to a policy with a redirect URL is configured with the IP address or MAC address of the PC.

If you try to reinvoke Cisco CP from this type of PC, you will not be able to do so because the browser will be redirected to the location specified in the redirect URL.

There are two workarounds for this problem:

- Ensure that the PC that you use to invoke Cisco CP attains a posture token that has an associated group policy on the ACS server that is not configured with a redirect URL.
- Alternatively, use Cisco CP to create a NAC exception list entry with the IP address or MAC address of the PC you use to invoke Cisco CP. Note that the exception list entry created for the PC should be associated to an exception policy that does not have a redirect URL configured in it.

For more information, see the links on the Cisco CP NAC online help pages.

Popup Blockers Disable Cisco CP Online Help

If you have enabled popup blockers in the browser you use to run Cisco CP, 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. Popup blockers may be enabled in search engine toolbars, 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.

Screencasts for Cisco CP Features

Instead of online help, screencasts have been provided for the following Cisco CP 2.5 features:

- Cellular WAN
- Telephony Settings
- Extension Templates
- Licensing
- Module Configuration
- Traffic Monitoring

These screencasts are located at: http://www.cisco.com/en/US/docs/net_mgmt/cisco_configuration_professional/scrcst/ccpsc.html

You must have Internet access to view the screencasts.

Temporary Internet Files—Impact on Launch

Because of Microsoft Windows Java caching issues, Cisco CP is sometimes unable to complete discovery of a device. To fix this issue, complete the following steps:

Step 1 Choose App	lication > Exit to	shut down C	isco CP.
-------------------	--------------------	-------------	----------

- **Step 2** Close all existing Internet Explorer windows.
- **Step 3** Go to **Start > Control Panel > Java**. The General tab is displayed.
- **Step 4** In the Temporary Internet Files box, click **Delete Files**.
- **Step 5** In the displayed dialog, leave all file types checked, and click **OK**.
- **Step 6** Click **OK** in the Java control panel to close it.
- **Step 7** Restart Cisco CP.

Caveats

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

- Resolved Caveats, page 28
- Open Caveats, page 28

Resolved Caveats

Table 10 lists caveats that are resolved in Cisco CP 2.5.

Table 10Resolved Caveats in Cisco CP 2.5

Bug ID	Summary
CSCtj84620	Cisco CP shows the IPSEC tunnel status instead of DMVPN tunnel status.

Open Caveats

Table 11 lists caveats that are open in Cisco CP 2.5.

Table 11Open Caveats in Cisco CP 2.5

Bug ID	Summary	Additional Information
CSCtn10418	Cisco CP Stuck at discovery.	Symptom Devices get stuck in the discovering state.
		Conditions This issue occurs when you select multiple devices for discovery, but it is rarely seen. Generally device discovery completes within 5 minutes though there can be some delay over a slow link.Workaround If the discovery does not complete within 10 minutes, relaunch Cisco CP and rediscover the devices.
CSCto88259	<i>GenericJDBCException</i> seen while launching Cisco CP.	 Symptom The following error is seen during launch of Cisco CP: org.hibernate.exception.GenericJDBCException: Cannot open connection Conditions This problem rarely occurs and there are no specific steps which create the problem. Database corruption can cause it.
		Workaround Reinstall Cisco CP.

Bug ID	Summary	Additional Information
CSCto13265	Site-to-site VPN displays duplicate tunnel entry.	Symptom Cisco CP displays duplicate entries for GREoIPSEC VPN in the summary screen.
		Conditions Duplicate entries are seen when more than one GREoIPSEC tunnel is configured on the router.
		Workaround There is no workaround.
CSCtn10781	Overlaid extensions do not follow the order you specified.	Symptom
		• Case 1—When selecting multiple extensions to be overlaid on a button, the order of extensions is not the same as specified by you.
		• Case 2—The display name is overwritten when the extension is part of an overlay group.
		Conditions
		• Case 1—This occurs when you select multiple extensions to be overlaid on a phone button.
		• Case 2—This occurs when the same extension is overlaid on multiple phones.
		Workaround There is no workaround. If you require a particular order or display name, you can configure it through the CLI.
CSCtn58565	Auto-line command does not work for phones.	Symptom When editing a phone, the auto-line incoming command does not run.
		Conditions This problem occurs when editing a phone to set Auto Line Selection to Incoming.
		Workaround There is no workaround. Manually configure the auto-line incoming command under an ephone.
CSCto70309	Unified Communications mode is displayed as CUBE when the mode border-element command is not configured.	Symptom On an ISR-G2, if the mode border-element command is not configured under voice service voip and if telephony service and max-dn commands are configured, Cisco CP displays the Unified Communications feature as CUBE.
		Conditions This problem occurs only on an ISR-G2 if the mode border-element is not configured and if max-dn is configured under the telephony-service command.
		Workaround Select the appropriate mode in the Unified Communications Features screen and deliver the CLI.

Bug ID	Summary	Additional Information
CSCtn98336	Reset to default in Unified Communications Features does not clear some configurations.	Symptom The Reset to Default option in the Unified Communications Features screen does not remove some of the configurations from the router.
		Conditions This problem is seen when you configure the Gateway option via Cisco CP and then select Reset to Default. The Universal and Security Transcoding Dspfarm profile in the gateway configuration is not removed from the router.
		Workaround Remove the configuration through the CLI.
CSCto67064	Certain date formats not supported in EnergyWise scheduling.	Symptom When you try to access the EnergyWise feature, the following error is displayed:
		An internal error has occurred.
		Conditions This issue is seen when you have entered EnergyWise schedule in a format that is not supported by Cisco CP (involving commas). Cisco CP does not support manual configuration of schedules because these schedules can be read incorrectly or can cause existing schedules to be removed. Cisco CP compatible schedules contain a date format in the form of spaced numbers without the use of commas, for example energywise level 1 recurrence importance 1 at 0 $1 * * 0$. Wildcards (*) are allowed in addition to $0-9$.
		Workaround If you have a schedule with an incompatible format, convert it into multiple schedules that are compatible with Cisco CP:
		energywise level 1 recurrence importance 1 at 0 1 * * 0,1,2,3,4,5,6
		should be converted to:
		energywise level 1 recurrence importance 1 at 0 1 * * 0
		energywise level 1 recurrence importance 1 at 0 1 * * 1
		energywise level 1 recurrence importance 1 at 0 1 * * 2
		energywise level 1 recurrence importance 1 at 0 1 * * 3
		energywise level 1 recurrence importance 1 at 0 1 * * 4
		energywise level 1 recurrence importance 1 at 0 1 * * 5
		energywise level 1 recurrence importance 1 at 0 1 * * 6
CSCto90810	HuntStop value is not read correctly for SIP extensions.	Symptom Cisco CP displays Hunt option as being enabled at all times irrespective of the actual configuration on the device.
		Conditions SIP extension is configured without HuntStop.
		Workaround Manually check Hunt Settings status on the device.

Bug ID	Summary	Additional Information
CSCto07804	Traffic Monitoring Netflow Services fails to start in some scenarios.	Symptom Data Collector Service fails to start as a result of which data is not collected from the router.
		Conditions This can happen if files are not copied properly or get corrupted while installing the Data Collector Service.
		Workaround Reinstall the Data Collector Service.
CSCto73606	Traffic Monitoring: Cisco CP displays error when you click Start Monitoring or Stop Monitoring on any interface while Data Collector Services are not running.	 Symptom Cisco CP displays a pop-up with Java.lang.NullPointerException error when you try to stop monitoring by clicking on the Stop Monitoring link, while the Interface Collector Service is not running. Conditions Cisco CP displays error when you try to stop monitoring by clicking on the Stop Monitoring link, while the Interface Collector Service is not running. Workaround Start the Interface Collector Service and then stop monitoring.
CSCto76962	Traffic Monitoring: Cisco CP displays value as 0 when interface is not being monitored.	 Symptom Cisco CP displays the value as zero (0) if an interface is not being monitored for some time. Conditions If you monitor traffic on an interface for some time, stop and then start monitoring traffic again, Cisco CP displays a value of zero for
		the time interval when you were not monitoring the interface. Workaround There is no workaround.

Bug ID	Summary	Additional Information
CSCtn13484	Device setup wizard does not remove the default ACLs on the device.	Symptom You cannot access device using the newly configured IP address.
		Conditions
		• Case 1—When you use Setup New Device Wizard for configuring device with factory default configuration with an IP address other than 10.10.10.0 0.0.0.7 subnet.
		• Case 2—When you use Setup New Device Wizard to configure an IP address that is not permitted from a configured IP access list.
		Workaround
		• Case 1—For factory default configuration, remove the access class defined in the default configuration using the following commands:
		no ip http access-class 23
		line vty 0 4
		no access-class 23 in
		line vty 5 15
		no access-class 23 in
		Or
		Modify the default access list to allow the newly configured IP address:
		access-list 23 permit 10.10.10.0 0.0.0.7
		• Case 2—For non-default configuration, modify or remove the access class to permit the configured IP address.
CSCto96064	Rollback failing when imported phone is SIP.	Symptom Cisco CP displays an error message that rollback has failed on Bulk Import and the application does not get updated. You can see bulk imported data under phones, users, and extensions.
		Conditions Rollback on Bulk Import with a SIP phone entry is failing as the commands no create profile and create profile issued during rollback fails. As a result, rollback is considered as failed although the configuration on the router created due to Bulk Import has reverted successfully.
		Workaround Manually issue the command no create profile followed by the command create profile under voice register global to update the files on the Flash. Rediscover the device.

Bug ID	Summary	Additional Information
CSCto83180	Multiple virtual machines (VMs) installed on SRE-V are not displayed.	 Symptom Case 1—If you did not select a virtual machine in Configure > Interface Management > Module Configuration > SRE-V > Permissions > User/Group > Edit, Select is displayed. Case 2—Adding one more virtual machine using Configure > Interface Management > Module Configuration > SRE-V > Permissions > User/Group > Edit removes the previously added virtual machine configuration. Case 3—Multiple entries are shown in the SRE-V Permissions screen for each user/group.
		Conditions
		 Case 1—In Configure > Interface Management > Module Configuration > SRE-V > Permissions > User/Group > Edit, when you do not select a virtual machine from the drop-down menu, Select is displayed.
		 Case 2—When the user/group already has one virtual machine associated with it, adding one more virtual machine using Configure > Interface Management > Module Configuration > SRE-V > Permissions > User/Group > Edit can remove the previously added virtual machine configuration.
		• Case 3—When a virtual machine, for example VM1 is already added to the user/group, adding one more virtual machine may create multiple entries in the Permissions summary screen upon refreshing the page.
		Workaround
		• Case 1—There is no workaround. Assume that the default virtual machine Host is associated to the user/group when Select is displayed.
		• Case 2—To add multiple virtual machines to the user/group, use the CLI.
		• Case 3—Read each entry as corresponding to one instance of virtual machine associated with the user/group.
CSCto07709	Mode transition from Offline to Online fails.	Symptom The Online to Offline mode and Offline to Online mode transition fails with the error Persisting Device Object Failure.
		Conditions This problem rarely occurs. If the Online to Offline mode transition fails, close Cisco CP and relaunch the application, it will be in the Offline mode. Transition to Online mode fails with error.
		Workaround There is no workaround. Close Cisco CP and relaunch it.

 Table 11
 Open Caveats in Cisco CP 2.5 (continued)

Bug ID	Summary	Additional Information
CSCto85514	Internal error in phone firmware wizard screen.	 Symptom Internal error is seen when you try to upload and configure firmware through the phone firmware wizard. Conditions It is not recommended to run a third party FTP server while using the phone firmware wizard in Cisco CP. In case a third party FTP server is running on the PC, an error message <i>Upload Failed as port 21 is already in use by some other application</i> is displayed on the
		Configure Phone Firmware screen. If you try uploading firmware, the internal error message is seen. Workaround Third party FTP server should not be running when you configure phone firmware using Cisco CP.
CSCto93070	Creation of phones fails in CME as SRST mode if there are auto-registered phones on the router.	Symptom Phone creation using Cisco CP fails if there are auto-registered phones.
		Conditions The problem occurs when Cisco CP configures a router in CME as SRST mode with phones connected. These phones get auto-registered with the router.
		Workaround Rediscover the router after configuring CME as SRST mode.
CSCto85895	GRWIC-D-ES-2S-8PC/-6S - 802.1x moving to high-security mode directly fails.	Symptom When you click Finish in the 802.1x wizard for GRWIC-D-ES-2S-8PC or GRWIC-D-ES-6S with high-security or low-impact as the mode an error <i>Configuration failed radius-server vsa send</i> is seen.
		Conditions This issue is seen when you click Finish in the 802.1x wizard for GRWIC-D-ES-2S-8PC or GRWIC-D-ES-6S with high-security mode or low-impact mode. The issue is not seen in the monitor mode.
		Workaround Configure AAA details using monitor mode and then change to low-impact mode or high-security mode.
CSCth67558	Unable to discover switching module.	Symptom Cisco CP fails to discover switching module and reports that the module is being reloaded in the discovery details.
		Conditions When the switching module is configured with login local or AAA new-model configuration or both, the module requires one more level of authentication along with the usual authentication. In this case, you need to provide the username and password twice to get into the module prompt.
		Workaround Remove the login local and AAA new-model configuration so that the extra level of authentication is not required.

Bug ID	Summary	Additional Information
CSCtj03097	No backup or restore with LEFS Flash type.	Symptom Restoring to initial configuration after merge or replace fails.
		Conditions When LEFS type Flash is used, the backup and restore functionality does not work for Configuration Editor. A backup of the running configuration is not created on the Flash and so restoring to initial configuration after merge or replace fails.
		Workaround Manually create a copy of the running configuration on the Flash and reload the router with that copy:
		copy running-config flash
		To restore the running configuration:
		copy flash:RunningConfig startup-config
		Reload
CSCto98404	Number of Retries Remaining displays as NULL if wrong SIM PIN is entered.	Symptom Cisco CP displays Numbers of Retries Remaining as NULL, instead of the correct value.
		Conditions This issue is seen when the router has IOS version 151-3.T1 or above and you enter the wrong SIM PIN to run any SIM operations on the HSPA modem.
		Workaround There is no workaround.

Bug ID	Summary	Additional Information
CSCth34158	Switching Modules folder is not listed in the left navigation pane.	Symptom Switching Modules folder is not listed in the left navigation pane even when the device has supported switch modules that are managed by Cisco CP.
		Conditions
		• Multiple levels (more than one level) of authentication is required for accessing the switch module console.
		• Enabled password is configured on the device.
		• AAA is configured on both the router and the switch modules.
		• Privilege level 15 is not configured under line con 0 .
		Workaround
		• Ensure that the router and switch have the same username (privilege level 15) and a password is configured when switch console requires authentication.
		• If there is no login configured for line con 0 , ensure privilege level 15 is configured under line con 0 .
		• If AAA is configured on the router, make sure that no authentication is required for the switch module and privilege level 15 is configured under line con 0 .
CSCtj46313	Sub-interfaces not listed in the Configure Cellular Wan wizard.	Symptom The sub-interfaces, for example interface Serial 0/0/0.1 with encapsulation, are not listed under the Configure Cellular WAN Wizard.
		Conditions The problem is seen only with sub-interfaces. All other interface types are listed correctly in the Configure Cellular WAN Wizard.
		Workaround There is no workaround.
CSCtk07275	Refresh adds more menus in the left navigation pane.	Symptom Invalid left navigation links display if F5 is pressed when Cisco CP is active.Some of the new links that display are not valid for the selected device.
		Conditions Pressing the F5 button when Cisco CP is active.
		Workaround There is no workaround.

Related Documentation

Table 12 describes the related documentation available for Cisco CP.

 Table 12
 Cisco Configuration Professional Documentation

Document Title	Available Formats
Readme First for Cisco Configuration Professional	This document is available at the following locations:
	• www.cisco.com
	• Product CD-ROM in the Documentation folder
Cisco Configuration Professional Quick Start Guide	This guide is available at the following locations:
	• www.cisco.com
	• Product CD-ROM in the Documentation folder
Cisco Configuration Professional Getting Started Guide	This guide is available at the following locations:
	• www.cisco.com
	• Product CD-ROM in the Documentation folder
	Note During the installation process, just before you have finished installing the product, you are provided the option to read the Getting Started guide.
Cisco Configuration Professional User Guide	This guide is available at the following locations:
	• www.cisco.com
	• Online help
Cisco Configuration Professional Express User Guide	This guide is available at the following locations:
	• www.cisco.com
	• Online help
Release Notes for Cisco Configuration Professional	This document is available at the following location:
	www.cisco.com
Release Notes for	This document is available at the following location:
Cisco Configuration Professional Express	www.cisco.com



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.

Glossary

ACEs—Access List Elements

- ACLs—Access Control Lists
- B-ACD—Basic Automatic Call Distribution
- CUBE—Cisco Unified Border Element
- HWIC-High-Speed WAN Interface Card
- HSPA—High-Speed Packet Access
- HSPA—A—High-Speed Packet Access for Americas
- HSPA—G—High-Speed Packet Access for Global
- **PCEX**—PC Express

PPP—Point-to-Point Protocol (PPP) PDP type

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