



Introduction

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The *Cisco IOS Configuration Fundamentals Command Reference* provides command documentation associated with the following tasks:

- Using the Cisco IOS Command-Line Interface (CLI)
- Configuration Using Setup and AutoInstall
- Configuring Operating Characteristics for Terminals
- Managing Connections, Logins, Menus, and System Banners
 - Configure user menus and banners
- Using the Cisco Web Browser User Interface (UI)
 - Using the HTTP server-based UI as an alternative to the CLI
- Using the Cisco IOS Integrated File System (IFS)
 - The basics of filesystem use and Cisco IOS software's filesystem infrastructure
- Configuring Basic File Transfer Services
 - Copy, move, and delete files locally or across the network
- Managing Configuration Files
- Loading, Maintaining, and Upgrading System Images
- Rebooting

For further information about performing these tasks, refer to the *Cisco IOS Configuration Fundamentals Configuration Guide* for your release.



Note Some commands previously documented in this *Command Reference* have been moved to other books: Commands related to system management and network monitoring can be found in the *Cisco IOS Network Management Command Reference*. Command reference documentation for the Cisco IOS software feature “Service Assurance Agent (SAA)” can be found in the *Cisco IOS IP SLAs Command Reference*.

Cisco IOS IFS Command Syntax

Some commands in this book use URLs (uniform resource locators) as part of the command syntax. URLs used in the Cisco IOS Integrated File System (IFS) contain two parts: a file system or network prefix, and a file identification suffix. The following tables list URL keywords that can be used in the *source-url* and *destination-url* arguments for all commands in this book. The prefixes listed below can also be used in the *filesystem* arguments in this document.

The following table lists common URL network prefixes used to indicate a device on the network.

Table 1: Network Prefixes for Cisco IFS URLs

Prefix	Description
ftp:	Specifies a File Transfer Protocol (FTP) network server.
rcp:	Specifies an remote copy protocol (rcp) network server.
tftp:	Specifies a TFTP server.

The following table lists the available suffix options (file identification suffixes) for the URL prefixes used in the previous table.

Table 2: File ID Suffixes for Cisco IFS URLs

Prefix	Suffix Options
ftp:	[[//[username[:password]@]location]/directory]/filename For example: ftp://network-config (prefix ://filename) ftp://user1:mypassword1@example.com/config-files
rcp:	rcp:[//[username@]location]/directory]/filename
tftp:	tftp:[//[location]/directory]/filename

The following table lists common URL prefixes used to indicate memory locations on the system.

Table 3: File System Prefixes for Cisco IFS URLs

Prefix	Description
bootflash:	Boot flash memory.
disk0:	Rotating disk media.
flash: <i>partition-number</i>	Flash memory. This prefix is available on all platforms. For platforms that do not have a device named flash: , the prefix flash: is aliased to slot0: . Therefore, you can use the prefix flash: to refer to the main Flash memory storage area on all platforms.
flh:	Flash load helper log files.
null:	Null destination for copies. You can copy a remote file to null to determine its size.
nvr:	NVRAM. This is the default location for the running-configuration file.
slavebootflash:	Internal Flash memory on a secondary RSP card of a router configured with Dual RSPs.
slavenvr:	NVRAM on a secondary RSP card.

Prefix	Description
slaveslot0:	First PCMCIA card on a secondary RSP card.
slaveslot1:	Second PCMCIA card on a secondary RSP card.
slot0:	First PCMCIA Flash memory card.
slot1:	Second PCMCIA Flash memory card.
xmodem:	Obtain the file from a network machine using the Xmodem protocol.
ymodem:	Obtain the file from a network machine using the Ymodem protocol.

For details about the Cisco IOS IFS, and for IFS configuration tasks, refer to the “Using the Cisco IOS Integrated File System (IFS)” chapter in the latest Cisco IOS Configuration Fundamentals Configuration Guide appropriate for your release version.

Obtaining Documentation Obtaining Support and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, 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>