Using the Command-Line Interface on the Cisco CMC

This chapter provides information about using the command-line interface for Cisco Coaxial Media Converter (CMC).

Accessing the Cisco CMC Command-Line Interface

Step 1 Open the Cisco CMC lid and connect the console cable from the computer to the Cisco CMC console port. For more information, see Cisco Remote-PHY Solution Installation and Configuration Guide.
Note   Use a baud rate of 115200.

Step 2 Log in to the Cisco CMC console using telnet.

What to Do Next

After using the console, disconnect the console cable from the Cisco CMC and close the lid. For more information, see Cisco Remote-PHY Solution Installation and Configuration Guide.

Understanding Command Modes

The CLI command mode structure is hierarchical, and each mode supports a set of specific commands. This section describes the command modes that exist on the Cisco CMC.

The table below lists the command modes with associated CLI prompts, access and exit methods, and a brief description of how each mode is used.

Table 1: CLI Command Modes

Command Mode	Access Method	Prompt	Exit Method	Mode Usage
Normal	Log in.	CMC>	Issue the **quit** command.	• Change terminal settings. • Display basic information of the device. **Tip** All the commands that are entered in normal mode can also be used in privilege mode.
Privilege	From the normal mode, issue the **enable** command.	CMC#	Issue the **quit** command to return to the normal mode.	Display detailed status and log information of the device.
U-Boot	Press **Ctrl + C** when the Cisco CMC is rebooting.	BOOT>	Issue **reset** command to restart the Cisco CMC.	When the Cisco CMC does not power up normally, enter U-Boot mode and download a new image on the Cisco CMC.

Using the Interactive Help Feature

The CLI includes an interactive Help feature. The table below describes the purpose of the CLI interactive Help commands.

Table 2: CLI Interactive Help Commands

Command	Purpose
help	Provides a brief description of the command and its usage.
?	Provides a brief description of the command and its usage.
partial command<**Tab**>	Completes a partial command name (no space between the command and <Tab>).

The following examples show how to use the help commands:

help

CMC> **help**

?

CMC# **?**

partial command<Tab>

CMC> **show sys<Tab>** show system

Using the Command History Feature

The command history feature saves, in a command history buffer, the commands that you enter during a session. This command history feature is particularly useful for recalling long or complex commands. After you return to the Cisco CMC welcome interface, the command history is cleared.

Understanding CLI Error Messages

You may encounter some error messages while using the CLI. The table below shows the common CLI error messages.

Table 3: Common CLI Error Messages

Error Message	Meaning
CLI *<name of the command>* is not supported	You entered an unsupported command.