



Entering and Exiting the Command Environment

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This chapter describes the procedures for entering and exiting the Cisco UMG command environment, where Cisco UMG configuration commands are executed.

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About EXEC and Configuration Modes

Cisco UMG uses the network module's CLI, which you access through the host-router console. The network module CLI is similar to the router CLI.

Similarities Between the Cisco UMG CLI and the IOS CLI

For both interfaces, standard Cisco IOS navigation and command-completion conventions apply. For example, **?** lists options, **TAB** completes a command, and **|** directs **show** command output.

Differences Between the Cisco UMG CLI and the IOS CLI

Standard command names and options do *not* necessarily apply. A notable example is the command for accessing global configuration mode: the Cisco IOS command is **configure terminal**; the network module command is **config terminal** or **config t**.

Cisco UMG employs a last-one-wins rule. For example, if George and Frank both try to set the IP address for the same entity at the same time, the system starts and completes one operation before it starts the next. The last IP address set is the final result.

The Cisco UMG command modes, privileged EXEC, configuration, registration configuration, list configuration, endpoint configuration, and NAT configuration operate similarly to the EXEC and configuration modes in the Cisco IOS CLI.

After you enter configuration mode, all the CLI commands can be used in the **no** form, for example, **no network messaging gateway location-id { hostname | ip-address }**. This command deletes the specified peer messaging gateway.

Entering the Command Environment

After you install the Cisco UMG module, establish IP connectivity with it, and activate the software. Use this procedure to enter the command environment.

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Prerequisites

Gather the following information before you enter the Cisco UMG command environment:

- IP address of the router that contains the Cisco UMG module
- Username and password to log in to the router
- Slot in the router where the Cisco UMG module resides
- Port through which the router communicates with Cisco UMG

SUMMARY STEPS

1. Open a telnet session.
2. **telnet** *ip-address*
3. Enter the username and password of the router.
4. Choose from the following, depending on the module installed:
 - On the NME-UMG and NME-UMG-EC, enter:
service-module integrated-Service-Engine slot/port session
 - On the SM-SRE-700-K9 and SM-SRE-900-K9, enter:
service-module sm slot/port session
5. **enable**

DETAILED STEPS

	Command or Action	Explanation and Notes
Step 1	Open a telnet session.	Use a DOS window, a secure shell, or a software emulation tool such as Reflection.
Step 2	telnet <i>ip-address</i> Example: C:\> telnet 192.0.2.22	Specify the IP address of Cisco UMG's host router.
Step 3	Username: Password:	Enter your username and password for the router.

	Command or Action	Explanation and Notes
Step 4	For NME-UMG and NME-UMG-EC: service-module integrated-Service-Engine slot/port session	Enters the Cisco UMG command environment using the module located in <i>slot</i> and <i>port</i> . The first time you do this, the prompt changes to “se” with the IP address of the Cisco UMG module. After that, the prompt is the hostname you give to the module. If entering <i>ip-address slot/port</i> elicits the response “Connection refused by remote host”, enter the command service-module integrated Service-Engine slot/port session clear or service-module sm slot/port session clear and retry this step.
	For SM-SRE-700-K9 and SM-SRE-900-K9: service-module sm slot/port session Example: Router# service-module integrated-Service-Engine 1/0 session	
Step 5	enable Example: se-10-0-0-0# enable	Enters Cisco UMG EXEC mode. You are ready to begin configuration.

Exiting the Command Environment

To leave the Cisco UMG command environment and return to the router command environment, in Cisco UMG EXEC mode enter the **exit** command once to exit EXEC mode, and again to exit the application.

The following example illustrates the exit procedure:

```
se-10-0-0-0# exit
se-10-0-0-0# exit
router-prompt#
```

Finding More Information about CLI Commands

This guide describes administration tasks, many of which use CLI commands. However, this guide does not contain complete information about the CLI commands. Complete information about the CLI commands can be found in the [Command Reference for Cisco Unified Messaging Gateway Release 8.0](#) for Cisco UMG commands, and in the [Cisco Unity Express Command Reference for 3.0 and Later Versions](#) for Cisco Unity Express commands.

