



EXEC Commands in Configuration Mode

Beginning in Cisco IOS Release 12.1(11b)E, EXEC-level Cisco IOS commands (such as **show**, **clear**, and **debug** commands) can be entered within any configuration mode (such as global configuration mode) by issuing the **do** command followed by the desired EXEC command. This feature provides the convenience of entering EXEC-level commands without needing to exit the current configuration mode.

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Prerequisites for EXEC Commands in Configuration Mode

You must have your network up and running with Cisco IOS Release 12.1(11b)E or a later release installed.

How to Enter EXEC Commands in Configuration Mode

Using the do Command in Configuration Mode

To execute an EXEC-level command in any configuration mode (including configuration submodes), complete the tasks in this section:

SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **do *command***

DETAILED STEPS

	Command or Action	Purpose
Step 1	enable	Enables privileged EXEC mode.

	Command or Action	Purpose
	Example: Router> enable	<ul style="list-style-type: none"> Enter your password if prompted.
Step 2	configure terminal Example: Router# configure terminal	Enters global configuration mode.
Step 3	do command Example: Router(config)# configuration command	Allows you to execute any EXEC mode command from within any configuration mode. <i>command</i> --The EXEC command to be executed.

Using the do Command in Interface Configuration Mode

To execute an EXEC-level command for a specific interface on a router, complete the task in this section:

SUMMARY STEPS

1. **enable**
2. **configure terminal**
3. **interface** *type slot/port*
4. **do command**

DETAILED STEPS

	Command or Action	Purpose
Step 1	enable Example: Router> enable	Enables privileged EXEC mode. <ul style="list-style-type: none"> Enter your password if prompted.
Step 2	configure terminal Example: Router# configure terminal	Enters global configuration mode.
Step 3	interface <i>type slot/port</i> Example: Router(config)# interface serial 3/0	The syntax for this command varies according to your platform and Cisco IOS release. For complete information, refer to the “Additional References” section. <ul style="list-style-type: none"> The slot/port argument identifies the slot and port on the router where you are entering do commands.
Step 4	do command Example:	Allows you to execute any EXEC mode command from within any configuration mode on a specific interface.

	Command or Action	Purpose
	Router(config-if)# do show interfaces serial 3/0	<i>command</i> --The EXEC command to be executed.

Configuration Examples for EXEC Commands in Configuration Mode

Example do show interface Command

The following example shows how to execute the EXEC-level **showinterface** command from within global configuration mode:

```
Router(config)# do show interfaces serial 3/0
Serial3/0 is up, line protocol is up
  Hardware is M8T-RS232
  MTU 1500 bytes, BW 1544 Kbit, DLY 20000 usec, rely 255/255, load 1/255
  Encapsulation HDLC, loopback not set, keepalive set (10 sec)
  Last input never, output 1d17h, output hang never
  Last clearing of "show interface" counters never
  .
  .
```

Example do clear vpdn tunnel Command

The following example shows how to execute the EXEC-level **clearvpdntunnel** command from within VPDN configuration mode:

```
Router(config-vpdn)# do clear vpdn tunnel
Router(config-vpdn)#
```

Additional References

Related Documents

Related Topic	Document Title
Cisco IOS commands	Cisco IOS Master Commands List, All Releases
Cisco IOS configuration commands	<i>Cisco IOS Configuration Fundamentals Command Reference</i>

Standards

Standard	Title
No new or modified standards are supported, and support for existing standards has not been modified	--

MIBs

MIB	MIBs Link
<ul style="list-style-type: none"> No new or modified MIBs are supported, and support for existing MIBs has not been modified. 	To locate and download MIBs for selected platforms, Cisco software releases, and feature sets, use Cisco MIB Locator found at the following URL: http://www.cisco.com/go/mibs

RFCs

RFC	Title
No new or modified RFCs are supported, and support for existing RFCs has not been modified.	--

Technical Assistance

Description	Link
The Cisco Support and Documentation website provides online resources to download documentation, software, and tools. Use these resources to install and configure the software and to troubleshoot and resolve technical issues with Cisco products and technologies. Access to most tools on the Cisco Support and Documentation website requires a Cisco.com user ID and password.	http://www.cisco.com/cisco/web/support/index.html

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Restrictions for EXEC Commands in Configuration Mode

You cannot use the **do** command to execute the **configureterminal** EXEC command because issuing the **configureterminal** command changes the mode to configuration mode.