



# EXEC Commands in Configuration Mode

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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.

## Finding Feature Information

Your software release may not support all the features documented in this module. For the latest feature information and caveats, see the release notes for your platform and software release.

Use Cisco Feature Navigator to find information about platform support and Cisco software image support. To access Cisco Feature Navigator, go to <http://www.cisco.com/go/cfn>. An account on Cisco.com is not required.

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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.



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## Restrictions for EXEC Commands in Configuration Mode

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

## How to Enter EXEC Commands in Configuration Mode

- [Using the do Command in Configuration Mode, page 2](#)
- [Using the do Command in Interface Configuration Mode, page 2](#)

## 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	<b>enable</b>  <b>Example:</b> Router> enable	Enables privileged EXEC mode.  • Enter your password if prompted.
Step 2	<b>configure terminal</b>  <b>Example:</b> Router# configure terminal	Enters global configuration mode.
Step 3	<b>do command</b>  <b>Example:</b> 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	<b>enable</b>  <b>Example:</b> Router> enable	Enables privileged EXEC mode. <ul style="list-style-type: none"> <li>• Enter your password if prompted.</li> </ul>
Step 2	<b>configure terminal</b>  <b>Example:</b> Router# configure terminal	Enters global configuration mode.
Step 3	<b>interface</b> <i>type slot/port</i>  <b>Example:</b> 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 <a href="#">“Additional References”</a> section on page 4. <ul style="list-style-type: none"> <li>• The slot/port argument identifies the slot and port on the router where you are entering <b>do</b> commands.</li> </ul>
Step 4	<b>do</b> <i>command</i>  <b>Example:</b> Router(config-if)# do show interfaces serial 3/0	Allows you to execute any EXEC mode command from within any configuration mode on a specific interface.  <i>command</i> —The EXEC command to be executed.

# Configuration Examples for EXEC Commands in Configuration Mode

- [Example: do show interface Command](#)
- [Example: do clear vpdn tunnel Command](#)

## Example: do show interface Command

The following example shows how to execute the EXEC-level **show interface** 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 **clear vpdn tunnel** 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	<a href="#">Cisco IOS Master Commands List, All Releases</a>
Cisco IOS configuration commands	<a href="#">Cisco IOS Configuration Fundamentals Command Reference</a>

### 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"> <li>No new or modified MIBs are supported, and support for existing MIBs has not been modified.</li> </ul>	To locate and download MIBs for selected platforms, Cisco software releases, and feature sets, use Cisco MIB Locator found at the following URL: <a href="http://www.cisco.com/go/mibs">http://www.cisco.com/go/mibs</a>

### 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.	<a href="http://www.cisco.com/cisco/web/support/index.html">http://www.cisco.com/cisco/web/support/index.html</a>

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