

Chapter 9

Summary of CLI Environment Commands

The following sections explain each of the command-line interface (CLI) environment commands. The commands are organized alphabetically.

set cli complete-on-space

Syntax	set cli complete-on-space (off on);
Description	Configure the keys to use for command completion.
Default	When you type a space or tab, the CLI performs command completion.
Options	off—Allow only a tab to be used for command completion. on—Allow either a space or a tab to be used for command completion.
Sample Output	user@host> set cli com<Space> user@host> set cli complete-on-space off user@host> set cli com<Tab> user@host> set cli complete-on-space on user@host>
Usage Guidelines	See “Setting Command Completion” on page 195.
Required Privilege Level	view

set cli directory

Syntax	set cli directory <i>directory</i>
Description	Set the current working directory.
Options	<i>directory</i> is the pathname of working directory.
Usage Guidelines	See “Setting the CLI Directory” on page 194.
Required Privilege Level	view

set cli idle-timeout

Syntax	set cli idle-timeout < <i>minutes</i> >
Description	Set the maximum time that an individual session can be idle before the user is logged off the router. The session times out after remaining at the CLI operational mode prompt for the specified time. The session can time out while monitoring log files.
Default	If you do not issue this command, and the user's login class does not specify this value, the user is never forced off the system after extended idle times.
Options	<i>minutes</i> —Maximum idle time Range: 0 through 100,000 minutes. Setting it to 0 disables the timeout.
Usage Guidelines	See "Setting the Idle Timeout" on page 195.
Required Privilege Level	view
See Also	idle-timeout on page 496

set cli prompt

Syntax	set cli prompt <i>string</i>
Description	Set the prompt to display within the CLI.
Default	user@host>
Options	<i>string</i> —CLI prompt. To include spaces in the prompt, enclose the string in quotation marks.
Sample Output	user@host> set cli prompt "cli% " cli%
Usage Guidelines	See "Setting the CLI Prompt" on page 194.
Required Privilege Level	view

set cli restart-on-upgrade

Syntax	set cli restart-on-upgrade (off on)
Description	For an individual session, set the CLI to prompt you to restart the router after upgrading the software.
Default	The CLI prompts you to restart, unless the screen length has been set to 0.
Options	off—Disables the prompt. on—Enables the prompt.
Usage Guidelines	See “Setting the CLI to Prompt after a Software Upgrade” on page 195.
Required Privilege Level	view

set cli screen-length

Syntax	set cli screen-length <i>lines</i>
Description	Set the number of lines of text that the screen can display.
Options	<i>lines</i> —Number of lines on the screen. Range: 0 through 100,000 columns Default: 24 lines
Sample Output	user@host> set cli screen-length 66 Screen length is set to 66 user@host>
Usage Guidelines	See “Setting the Screen Length” on page 194.
Required Privilege Level	view

set cli screen-width

Syntax	set cli screen-width <i>width</i>
Description	Set the number of characters that the screen can display on a single line.
Options	<i>width</i> —Number of columns on the screen. Range: 0 through 100,000 columns Default: 80 columns
Sample Output	user@host> set cli screen-width 40 Screen width set to 40 user@host>
Usage Guidelines	See “Setting the CLI Prompt” on page 194.
Required Privilege Level	view

set cli terminal

Syntax	set cli terminal <i>terminal-type</i>
Description	Set the terminal type.
Options	<i>terminal-type</i> —Type of terminal that is connected to the port. Values: ansi, vt100, small-xterm, xterm Default: The terminal type is unknown.
Usage Guidelines	See “Setting the Terminal Type” on page 194.
Required Privilege Level	view

set date

Syntax	set date YYYYMMDDhhmm.ss
Description	Set the current date and time on the router.
Options	YYYYMMDDhhmm.ss—Date and time to set. <i>YYYY</i> is the four-digit year, <i>MM</i> is the two-digit month, <i>DD</i> is the two-digit date, <i>hh</i> is the two-digit hour, <i>mm</i> is the two-digit minute, and <i>ss</i> is the two-digit second. At a minimum, you must specify the two-digit minute. All other parts of the date and time are optional.
Usage Guidelines	See “Setting the Current Date and Time” on page 180.
Required Privilege Level	view
See Also	ntp on page 504, time-zone on page 526

set date ntp

Syntax	set date ntp <ntp-server>
Description	Use a Network Time Protocol (NTP) server to synchronize the current date and time setting on the router. You do not need to reboot the router when you use the set date ntp command.
Options	none—Uses the system NTP server list. <i>ntp-server</i> —IP address of one or more NTP servers to query. When querying more than one server, the IP addresses are enclosed in quotes using the format “ <i>ip-address ip-address</i> ”, for example, “200.49.40.1 129.127.28.4”.
Usage Guidelines	See “Setting the Date and Time from NTP Servers” on page 180.
Required Privilege Level	view

Sample Output: set date ntp (to query one server) user@host> **set date ntp 172.17.12.9**
14 Sep 22:00:50 ntpdate[20603]: step time server 172.17.12.9 offset 0.000461 sec

Sample Output: set date ntp (to query two servers) user@host> **set date ntp "200.49.40.1 129.127.28.4"**
10 Feb 13:50:21 ntpdate[794]: step time server 129.127.28.4 offset 0.000163 sec

set date ntp source-address

Syntax set date ntp source-address *source-address*

Description Specify a source address that is used by the JUNOS software to contact the remote NTP sever.

Options *source-address*—A valid IP address configured on one of the router interfaces.

Usage Guidelines See “Setting the Source Address to Contact the NTP Server” on page 181.

Required Privilege Level view

See Also source-address on page 520

show cli

Syntax show cli

Description Display information about how the CLI environment is configured.

Sample Output user@host> **show cli**
CLI screen length set to 60
CLI screen width set to 80
CLI complete-on-space set to on
user@host>

Usage Guidelines See “Displaying CLI Settings” on page 195.

Required Privilege Level view

show cli history

Syntax show cli history <count>

Description List recent commands that you issued in the CLI and the time they were issued.

If you issue the run show cli history command from configuration mode, the command lists the most recent configuration mode commands that you issued and the time they were issued.

Options *count*—(Optional) Number of recent commands to display.
Range: 0 through 65,535
Default: 100

Sample Output

```
user@host> show cli history
12:33:39 -- configure
12:42:52 -- show cli history
12:43:02 -- show interfaces terse
12:43:14 -- show interfaces lo0
12:43:20 -- show bgp
12:43:28 -- show bgp next-hop-database
12:43:32 -- show cli history
user@host> configure
...
[edit]
user@host# run show cli history
12:40:08 -- show
12:40:17 -- edit protocols
12:40:27 -- set isis
12:40:29 -- edit isis
12:40:40 -- run show cli history
[edit protocols isis]
user@host#
```

Usage Guidelines See “Displaying CLI Command History” on page 181 and “Displaying Configuration Mode Command History” on page 234.

Required Privilege Level view