



Configuring Terminal Settings and Sessions

- - [Information About Terminal Settings and Sessions, on page 1](#)
 - [Configuring the Console Port, on page 1](#)
 - [Configuring Virtual Terminals , on page 3](#)
 - [Configuring Modem Connections, on page 3](#)
 - [Clearing Terminal Sessions, on page 3](#)
 - [Displaying Terminal and Session Information, on page 4](#)
 - [Default Settings for File System Parameters, on page 4](#)
 - [Additional References for Terminal Settings and Sessions, on page 4](#)

Information About Terminal Settings and Sessions

This section includes information about terminal settings and sessions.

Configuring the Console Port

You can set the following characteristics for the console port:

- Data bits
- Inactive session timeout
- Parity
- Speed
- Stop bits

Before you begin

Log in to the console port.

SUMMARY STEPS

1. **configure terminal**

2. **line console**
3. **databits** *bits*
4. **exec-timeout** *minutes*
5. **parity** {**even** | **none** | **odd**}
6. **speed** {**300** | **1200** | **2400** | **4800** | **9600** | **38400** | **57600** | **115200**}
7. **stopbits** {**1** | **2**}
8. **exit**
9. (Optional) **show line console**
10. (Optional) **copy running-config startup-config**

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	configure terminal Example: switch# configure terminal switch(config)#	Enters global configuration mode.
Step 2	line console Example: switch# line console switch(config-console)#	Enters console configuration mode.
Step 3	databits <i>bits</i> Example: switch(config-console)# databits 7	Configures the number of data bits per byte. The range is from 5 to 8. The default is 8.
Step 4	exec-timeout <i>minutes</i> Example: switch(config-console)# exec-timeout 30	Configures the timeout for an inactive session. The range is from 0 to 525600 minutes (8760 hours). A value of 0 minutes disables the session timeout. The default is 30 minutes.
Step 5	parity { even none odd } Example: switch(config-console)# parity even	Configures the parity. The default is none .
Step 6	speed { 300 1200 2400 4800 9600 38400 57600 115200 } Example: switch(config-console)# speed 115200	Configures the transmit and receive speed. The default is 115200 .
Step 7	stopbits { 1 2 } Example: switch(config-console)# stopbits 2	Configures the stop bits. The default is 1 .

	Command or Action	Purpose
Step 8	exit Example: <pre>switch(config-console)# exit switch(config)#</pre>	Exits console configuration mode.
Step 9	(Optional) show line console Example: <pre>switch(config)# show line console</pre>	Displays the console settings.
Step 10	(Optional) copy running-config startup-config Example: <pre>switch(config)# copy running-config startup-config</pre>	Copies the running configuration to the startup configuration.

Configuring Virtual Terminals

This section describes how to configure virtual terminals on Cisco NX-OS devices.

Configuring Modem Connections

You can connect a modem to the console port.

Clearing Terminal Sessions

You can clear terminal sessions on the Cisco NX-OS device.

SUMMARY STEPS

1. (Optional) **show users**
2. **clear line** *name*

DETAILED STEPS

Procedure

	Command or Action	Purpose
Step 1	(Optional) show users Example: <pre>switch# show users</pre>	Displays the user sessions on the device.
Step 2	clear line <i>name</i> Example:	Clears a terminal session on a specific line. The line name is case sensitive.

	Command or Action	Purpose
	switch# clear line pts/0	

Displaying Terminal and Session Information

To display terminal and session information, perform one of the following tasks:

Command	Purpose
show terminal	Displays terminal settings.
show line	Displays the console ports settings.
show users	Displays virtual terminal sessions.
show running-config [all]	Displays the user account configuration in the running configuration. The all keyword displays the default values for the user accounts.

For detailed information about the fields in the output from these commands, see the Cisco Nexus command reference guide for your device.

Default Settings for File System Parameters

This table lists the default settings for the file system parameters.

Table 1: Default File System Settings

Parameters	Default
Default filesystem	bootflash:

Additional References for Terminal Settings and Sessions

This section includes additional references for terminal settings and sessions on NX-OS devices.