

Console Configuration Mode Commands

Console configuration mode commands allow you to configure the console interface settings. To access console configuration mode, use the **line console** command in configuration mode. The CLI prompt changes to (config-console). For information about the commands in console configuration mode, see the commands in this section.

Use the **no** form of the **line console** command to reset the console configuration mode parameters to their default settings.

line console

no line console

Syntax Description

There are no keywords or arguments for this command.

Command Modes

Configuration mode
Admin context only

Command History

Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

All commands in this mode require the Admin user role. For details about role-based access control (RBAC) and user roles, see the *Cisco 4700 Series Application Control Engine Appliance Virtualization Configuration Guide*.

The console port is an asynchronous serial port on the rear panel of the ACE that enables the appliance to be set up for initial configuration through a standard RS-232 port that uses a 9-pin male D-shell connector. Any device connected to this port must be capable of asynchronous transmission. Connection to a terminal requires a terminal emulator to be configured at 9600 baud, 8 data bits, 1 stop bit, and no parity.

Examples

To enter console configuration mode, enter:

```
host1/Admin(config)# line console
host1/Admin(config-console)#
```

Related Commands

[clear line](#)
[show line](#)

(config-console) databits

To specify the number of data bits per character, use the **databits** command. Use the **no** form of the command to revert to the default setting of 8 data bits.

databits *number*

no databits *number*

Syntax Description	<i>number</i>	Number of data bits per character. Enter an integer from 5 to 8. The default is 8 data bits.
---------------------------	---------------	--

Command Modes	Console configuration mode Admin context only
----------------------	--

Command History	Release	Modification
	A1(7)	This command was introduced.

Usage Guidelines	This command has no usage guidelines.
-------------------------	---------------------------------------

Examples	To set the number of data bits per character to 6, enter: <pre>host1/Admin# config Enter configuration commands, one per line. End with CNTL/Z host1/Admin(config)# host1/Admin(config)# line console host1/Admin(config-console)# databits 6</pre>
-----------------	---

Related Commands	clear line show line (config) line vty
-------------------------	--

(config-console) parity

To set the parity for the console connection, use the **parity** command. Use the **no** form of the command to revert to the default setting of none.

parity {even | odd | none}

no parity {even | odd | none}

Syntax Description

even	Sets the parity for the console connection to even.
odd	Sets the parity for the console connection to odd.
none	Sets the parity for the console connection to none. This is the default setting.

Command Modes

Console configuration mode
Admin context only

Command History

Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

This command has no usage guidelines.

Examples

To set the parity for the console connection to even, enter:

```
host1/Admin# config
Enter configuration commands, one per line. End with CNTL/Z
host1/Admin(config)#
host1/Admin(config)# line console
host1/Admin(config-console)# parity even
```

Related Commands

[clear line](#)
[show line](#)
[\(config\) line vty](#)

(config-console) speed

To set the transmit and receive speeds for the serial console, use the **speed** command. Use the **no** form of the command to revert to the default setting of 9600 baud.

speed *baud_rate*

no speed *baud_rate*

Syntax Description	<i>baud_rate</i>	Transmit and receive speeds. Enter an integer between 110 and 115200 baud (110, 150, 300, 600, 1200, 2400, 4800, 9600, 19200, 28800, 38400, 57600, or 115200). The default is 9600 baud.
---------------------------	------------------	--

Command Modes	Console configuration mode Admin context only
----------------------	--

Command History	Release	Modification
	A1(7)	This command was introduced.

Usage Guidelines	This command has no usage guidelines.
-------------------------	---------------------------------------

Examples To set the transmit and receive speeds for the serial console to 19,200 baud, enter:

```
host1/Admin# config
Enter configuration commands, one per line. End with CNTL/Z
host1/Admin(config)#
host1/Admin(config)# line console
host1/Admin(config-console)# speed 19200
```

Related Commands	clear line show line (config) line vty
-------------------------	--

(config-console) stopbits

To set the number of stop bits for the console connection, use the **stopbits** command. Use the **no** form of the command to revert to the default setting of 1 stop bit.

stopbits {1 | 2}

no stopbits {1 | 2}

Syntax Description

1	Sets the stop bit to 1. The default is 1 stop bit.
2	Sets the stop bit to 2.

Command Modes

Console configuration mode
Admin context only

Command History

Release	Modification
A1(7)	This command was introduced.

Usage Guidelines

This command has no usage guidelines.

Examples

To set the number of stop bits, enter:

```
host1/Admin(config)# line console
host1/Admin(config-console)# stopbits 2
```

Related Commands

[clear line](#)
[show line](#)
[\(config\) line vty](#)