

Line Commands

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autobaud

To configure the line for automatic baud rate detection (autobaud), use the **autobaud** command in Line Configuration mode.

Use the **no** form of this command to disable automatic baud rate detection.

Syntax

autobaud

no autobaud

Parameters

This command has no arguments or keywords.

Default Configuration

Automatic baud rate detection is enabled.

Command Mode

Line Configuration Mode

User Guidelines

When this command is enabled, it is activated as follows: connect the console to the device and press the **Enter** key twice. The device detects the baud rate automatically.

Note that if characters other than Enter are typed, wrong speed might be detected.

Example

The following example enables autobaud.

```
switchxxxxxx(config)#  line console
switchxxxxxx(config-line)# autobaud
```

exec-timeout

To set the session idle time interval, during which the system waits for user input before automatic logoff, use the **exec-timeout** Line Configuration mode command. To restore the default configuration, use the **no** form of this command.

Syntax

exec-timeout *minutes* [*seconds*]

no exec-timeout

Parameters

- **minutes**—Specifies the number of minutes. (Range: 0-65535)
- **seconds**—(Optional) Specifies the number of seconds. (Range: 0-59)

Default Configuration

The default idle time interval is 10 minutes.

Command Mode

Line Configuration Mode

Example

The following example sets the telnet session idle time interval before automatic logoff to 20 minutes and 10 seconds.

```
switchxxxxxx(config)#  line telnet
switchxxxxxx(config-line)# exec-timeout 20 10
```

line

To identify a specific line for configuration and enter the Line Configuration command mode, use the **line** Global Configuration mode command.

Syntax

line *{***console** | **telnet** | **ssh***}*

Parameters

- **console**—Enters the terminal line mode.
- **telnet**—Configures the device as a virtual terminal for remote access (Telnet).
- **ssh**—Configures the device as a virtual terminal for secured remote access (SSH).

Command Mode

Global Configuration mode

Example

The following example configures the device as a virtual terminal for remote (Telnet) access.

```
switchxxxxxx(config)#  line telnet
switchxxxxxx(config-line)#
```

speed

To set the line baud rate, use the **speed** command in Line Configuration mode.

To restore the default configuration, use the **no** form of this command.

Syntax

speed *bps*

no speed

Parameters

bps—Specifies the baud rate in bits per second (bps). Possible values are 9600, 19200, 38400, 57600, and 115200.

Default Configuration

The default speed is 115200 bps.

Command Mode

Line Configuration Mode

User Guidelines

The configured speed is only applied when **autobaud** is disabled. This configuration applies to the current session only.

Example

The following example configures the line baud rate as 9600 bits per second.

```
switchxxxxxx(config-line)# speed 9600
```

show line

To display line parameters, use the **show line** Privileged EXEC mode command.

Syntax

show line *[***console** | **telnet** | **ssh***]*

Parameters

- **console**—(Optional) Displays the console configuration.
- **telnet**—(Optional) Displays the Telnet configuration.
- **ssh**—(Optional) Displays the SSH configuration.

Default Configuration

If the line is not specified, all line configuration parameters are displayed.

Command Mode

Privileged EXEC mode

Example

The following example displays the line configuration.

```
switchxxxxxx#  show line
Console configuration:
Interactive timeout: Disabled
History: 10
Baudrate: 9600
Databits: 8
Parity: none
Stopbits: 1
Telnet configuration:
Telnet is enabled.
Interactive timeout: 10 minutes 10 seconds
History: 10
SSH configuration:
SSH is enabled.
Interactive timeout: 10 minutes 10 seconds
History: 10
```