Console Configuration Mode Commands

(ACE module only) 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**

<table>
<thead>
<tr>
<th>ACE Module Release</th>
<th>Modification</th>
</tr>
</thead>
</table>
| 3.0(0)A1(2)        | 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 *Virtualization Guide, Cisco ACE Application Control Engine*.

The console port is an asynchronous serial port on the Catalyst 6500 series switch that enables the ACE to be set up for initial configuration through a standard RS-232 port with an RJ-45 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

(ACE module only) To specify the number of data bits per character, use the databits command. Use the no form of this command to revert to the default setting of 8 data bits.

```
databits number
no databits number
```

### Syntax Description

| number | 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

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<tr>
<td>3.0(0)A1(2)</td>
<td>This command was introduced.</td>
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</tbody>
</table>

### Usage Guidelines

This command has no usage guidelines.

### Examples

To set the number of data bits per character to 6, enter:

```
host1/Admin(config-console)# databits 6
```

### Related Commands

- clear line
- show line
- (config) line console
(config-console) parity

(ACE module only) To set the parity for the console connection, use the `parity` command. Use the `no` form of this 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**

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**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 console`
(config-console) speed

(ACE module only) To set the transmit and receive speeds for the serial console, use the `speed` command. Use the `no` form of this command to revert to the default setting of 9600 baud.

```
speed baud_rate

no speed baud_rate
```

**Syntax Description**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>baud_rate</code></td>
<td>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.</td>
</tr>
</tbody>
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**Command Modes**

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</table>

**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 console`
(config-console) stopbits

(ACE module only) To set the number of stop bits for the console connection, use the stopbits command. Use the no form of this command to revert to the default setting of 1 stop bit.

stopbits {1 | 2}

no stopbits {1 | 2}

### Syntax Description

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1</strong></td>
<td>Sets the stop bit to 1. The default is 1 stop bit.</td>
</tr>
<tr>
<td><strong>2</strong></td>
<td>Sets the stop bit to 2.</td>
</tr>
</tbody>
</table>

### Command Modes

- Console configuration mode
- Admin context only

### Command History

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### 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 console