



## A Commands

This chapter describes the Cisco Nexus 1010 commands that begin with the letter A.

### aaa authentication login console

To configure AAA authentication methods for console logins, use the **aaa authentication login console** command. To revert to the default, use the **no** form of this command.

```
aaa authentication login console {group group-list} [none] | local | none}
```

```
no aaa authentication login console {group group-list [none] | local | none}
```

| Syntax Description | group             | Specifies to use a server group for authentication.  |
|--------------------|-------------------|--|
|                    | <i>group-list</i> | Space-separated list of server groups. The list can include the following: <ul style="list-style-type: none"> <li>• <b>tacacs+</b> for all configured TACACS+ servers.</li> <li>• Any configured TACACS+ server group name.</li> </ul> |
|                    | <b>none</b>       | (optional) Specifies to use the username for authentication.   |
|                    | <b>local</b>      | (optional) Specifies to use the local database for authentication.   |

|                 |       |
|-----------------|-------|
| <b>Defaults</b> | local |
|-----------------|-------|

|                      |                               |
|----------------------|-------------------------------|
| <b>Command Modes</b> | Global configuration (config) |
|----------------------|-------------------------------|

|                           |               |
|---------------------------|---------------|
| <b>SupportedUserRoles</b> | network-admin |
|---------------------------|---------------|

| Command History | Release      | Modification                 |
|-----------------|--------------|------------------------------|
|                 | 4.0(4)SP1(1) | This command was introduced. |

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### Examples

This example shows how to configure the AAA authentication console login methods:

```
n1010# configure terminal
n1010(config)# aaa authentication login console group tacacs+
```

This example shows how to revert to the default AAA authentication console login method:

```
n1010# configure terminal
n1010(config)# no aaa authentication login console group tacacs+
```

### Related Commands

| Command                         | Description                              |
|---------------------------------|--|
| <b>aaa group server tacacs+</b> | Create a TACACS+ server group.           |
| <b>show aaa authentication</b>  | Displays AAA authentication information. |
| <b>show aaa groups</b>          | Displays the AAA server groups.          |
| <b>tacacs-server host</b>       | Configures TACACS+ servers.              |

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## aaa authentication login default

To configure the default AAA authentication methods, use the **aaa authentication login default** command. To revert to the default, use the **no** form of this command.

```
aaa authentication login default {group group-list} [none] | local | none}
```

```
no aaa authentication login default {group group-list} [none] | local | none}
```

### Syntax Description

|                   |   |
|-------------------|---|
| <b>group</b>      | Specifies a server group list to be used for authentication.  |
| <i>group-list</i> | Space-separated list of server groups that can include the following: <ul style="list-style-type: none"> <li>• <b>tacacs+</b> for all configured TACACS+ servers.</li> <li>• Any configured TACACS+ server group name.</li> </ul> |
| <b>none</b>       | (Optional) Specifies to use the username for authentication.  |
| <b>local</b>      | Specifies to use the local database for authentication.   |

### Defaults

**local**

### Command Modes

Global configuration (config)

### Supported User Roles

network-admin

### Command History

| Release      | Modification                 |
|--------------|------------------------------|
| 4.0(4)SP1(1) | This command was introduced. |

### Examples

This example shows how to configure the AAA authentication console login method:

```
n1010# configure terminal
n1010(config)# aaa authentication login default group tacacs
```

This example shows how to revert to the default AAA authentication console login method:

```
n1010# configure terminal
n1010(config)# no aaa authentication login default group tacacs
```

### Related Commands

| Command                         | Description                              |
|---------------------------------|--|
| <b>aaa group server tacacs+</b> | Create a TACACS+ server group.           |
| <b>show aaa authentication</b>  | Displays AAA authentication information. |
| <b>show aaa groups</b>          | Displays the AAA server groups.          |
| <b>tacacs-server host</b>       | Configures TACACS+ servers.              |

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## aaa authentication login error-enable

To configure an AAA authentication failure message to display on the console, use the **aaa authentication login error-enable** command. To remove the error message, use the **no** form of this command.

**aaa authentication login error-enable**

**no aaa authentication login error-enable**

---

**Syntax Description** This command has no arguments or keywords.

---

**Defaults** Disabled

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**Command Modes** Global configuration (config)

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**SupportedUserRoles** network-admin

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| Command History | Release      | Modification                 |
|-----------------|--------------|------------------------------|
|                 | 4.0(4)SP1(1) | This command was introduced. |

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**Usage Guidelines** If none of the remote AAA servers respond when a user logs in, the authentication is processed by the local user database. If you have enabled the display, one of the following messages is generated for the user:

```
Remote AAA servers unreachable; local authentication done.
Remote AAA servers unreachable; local authentication failed.
```

---

**Examples** This example shows how to enable the display of AAA authentication failure messages to the console:

```
n1010# configure terminal
n1010(config)# aaa authentication login error-enable
```

This example shows how to disable the display of AAA authentication failure messages to the console:

```
n1010# configure terminal
n1010(config)# no aaa authentication login error-enable
```

---

| Related Commands | Command                        | Description  |
|------------------|--------------------------------|--|
|                  | <b>show aaa authentication</b> | Displays the configuration for AAA authentication. |

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## aaa authentication login mschap

To enable Microsoft Challenge Handshake Authentication Protocol (MSCHAP) authentication at login, use the **aaa authentication login mschap** command. To disable MSCHAP, use the **no** form of this command.

**aaa authentication login mschap**

**no aaa authentication login mschap**

**Syntax Description** This command has no arguments or keywords.

**Defaults** Disabled

**Command Modes** Global configuration (config)

**SupportedUserRoles** network-admin

| Command History | Release      | Modification                 |
|-----------------|--------------|------------------------------|
|                 | 4.0(4)SP1(1) | This command was introduced. |

**Examples** This example shows how to enable MSCHAP authentication:

```
n1010# configure terminal
n1010(config)# aaa authentication login mschap
```

This example shows how to disable MSCHAP authentication:

```
n1010# configure terminal
n1010(config)# no aaa authentication login mschap
```

| Related Commands | Command                        | Description  |
|------------------|--------------------------------|--|
|                  | <b>show aaa authentication</b> | Displays the configuration for AAA authentication. |

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## aaa group server tacacs+

To create a TACACS+ server group, use the **aaa group server tacacs+** command. To delete a TACACS+ server group, use the **no** form of this command.

**aaa group server tacacs+ *group-name***

**no aaa group server tacacs+ *group-name***

|                           |                   |  |
|---------------------------|-------------------|--|
| <b>Syntax Description</b> | <i>group-name</i> | TACACS+ server group name. The name is alphanumeric and case sensitive. The maximum length is 64 characters. |
|---------------------------|-------------------|--|

|                 |      |
|-----------------|------|
| <b>Defaults</b> | None |
|-----------------|------|

|                      |                               |
|----------------------|-------------------------------|
| <b>Command Modes</b> | Global configuration (config) |
|----------------------|-------------------------------|

|                           |               |
|---------------------------|---------------|
| <b>SupportedUserRoles</b> | network-admin |
|---------------------------|---------------|

| Command History | Release      | Modification                 |
|-----------------|--------------|------------------------------|
|                 | 4.0(4)SP1(1) | This command was introduced. |

|                         |   |
|-------------------------|---|
| <b>Usage Guidelines</b> | You must enable TACACS+ using the <b>tacacs+ enable</b> command before you can configure TACACS+. |
|-------------------------|---|

**Examples** This example shows how to create a TACACS+ server group:

```
n1010# configure terminal
n1010(config)# aaa group server tacacs+ TacServer
n1010(config-tacacs)#
```

This example shows how to delete a TACACS+ server group:

```
n1010# configure terminal
n1010(config)# no aaa group server tacacs+ TacServer
```

| Related Commands | Command                | Description                        |
|------------------|------------------------|------------------------------------|
|                  | <b>show aaa groups</b> | Displays server group information. |
|                  | <b>tacacs+ enable</b>  | Enables TACACS+.                   |

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## attach module

To access the standby Virtual Supervisor Module (VSM) console from the active VSM, use the **attach module** command.

**attach module** *module-number*

### Syntax Description

*module-number* Number that identifies an existing module. The range is from 1 to 66.

**Note** Only one value, 2, is operational.

### Defaults

None

### Command Modes

Global configuration (config)

### Supported User Roles

network-admin

### Command History

| Release      | Modification                 |
|--------------|------------------------------|
| 4.0(4)SP1(1) | This command was introduced. |

### Examples

This example shows how to attach to the console of the secondary VSM:

```
n1010# configure terminal
n1010(config)# attach module 2
n1010#
```

### Usage Guidelines

Although the allowable range of module numbers is from 1 to 66, only one value, 2, is operational.

### Related Commands

| Command               | Description  |
|-----------------------|--|
| <b>reload module</b>  | Reloads a module.  |
| <b>show cores</b>     | Displays a list of cores.                                |
| <b>show processes</b> | Displays the state and the start count of all processes. |

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