



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"> tacacs+ for all configured TACACS+ servers. Any configured TACACS+ server group name.
none	(optional) Specifies to use the username for authentication.
local	(optional) Specifies to use the local database for authentication.

Defaults	local
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Command Modes	Global configuration (config)
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Supported User Roles	network-admin
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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
aaa group server tacacs+	Create a TACACS+ server group.
show aaa authentication	Displays AAA authentication information.
show aaa groups	Displays the AAA server groups.
tacacs-server host	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		
group		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"> tacacs+ for all configured TACACS+ servers. Any configured TACACS+ server group name.
none		(Optional) Specifies to use the username for authentication.
local		Specifies to use the local database for authentication.

Defaults	local
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Command Modes	Global configuration (config)
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Supported User Roles	network-admin
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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
	aaa group server tacacs+	Create a TACACS+ server group.
	show aaa authentication	Displays AAA authentication information.
	show aaa groups	Displays the AAA server groups.
	tacacs-server host	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.
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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.

Usage Guidelines	<p>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:</p>
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```
Remote AAA servers unreachable; local authentication done.
Remote AAA servers unreachable; local authentication failed.
```

Examples	<p>This example shows how to enable the display of AAA authentication failure messages to the console:</p>
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```
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
	show aaa authentication	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.
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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.

Examples	This example shows how to enable MSCHAP authentication:
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```
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
	show aaa authentication	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*

Syntax Description	<i>group-name</i>	TACACS+ server group name. The name is alphanumeric and case sensitive. The maximum length is 64 characters.
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Defaults	None
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Command Modes	Global configuration (config)
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Supported User Roles	network-admin
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Command History	Release	Modification
	4.0(4)SP1(1)	This command was introduced.

Usage Guidelines	You must enable TACACS+ using the tacacs+ enable command before you can configure TACACS+.
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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
	show aaa groups	Displays server group information.
	tacacs+ enable	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
reload module	Reloads a module.
show cores	Displays a list of cores.
show processes	Displays the state and the start count of all processes.

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