



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>	Specifies a 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	Specifies to use the username for authentication.
local	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.

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Usage Guidelines

Examples

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

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

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

```
n1010# config t
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

Command Modes Global configuration (config)

Supported User Roles network-admin

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

Usage Guidelines

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

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

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

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

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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.

Defaults Disabled

Command Modes Global configuration (config)

SupportedUserRoles network-admin

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

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

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

```
n1010# config t
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.

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# config t
n1010(config)# aaa authentication login mschap
```

This example shows how to disable MSCHAP authentication:

```
n1010# config t
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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SupportedUserRoles	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# config t
n1010(config)# aaa group server tacacs+ TacServer
n1010(config-tacacs)#
```

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

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

Related Commands	Command	Description
	tacacs+ enable	Enables TACACS+.
	show aaa groups	Displays server group information.

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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	<i>module-number</i>	Number that identifies an existing module. The range is from 1 to 66.
	Note	Only one value, 2, is operational.

Defaults	None
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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 attach to the console of the secondary VSM:
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```
n1010# config t
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.
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Related Commands	Command	Description
	show cores	Displays a list of cores.
show processes	Displays the state and the start count of all processes.	
reload module	Reloads a module.	