



# Managing Users

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# aaa

To enter Authentication Authorization and Accounting (AAA) configuration mode, use the **aaa** command in global configuration mode.

**aaa**

<b>Command Modes</b>	Global configuration (config)
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<b>Examples</b>	This example shows how to enter AAA configuration mode.
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```
Device> enable
Device# configure terminal
Device(config)# aaa
Device(config-aaa)#

```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>auth-secret-key</b>	Configures a RADIUS authentication key
	<b>default domain-name</b>	Enables or disables the default domain
	<b>domain <i>domain_name</i></b>	Specifies a RADIUS domain name

# auth-secret-key

To configure a RADIUS authentication key, use the **auth-secret-key** command in AAA configuration mode. To delete the configured RADIUS authentication key, use the **no** form of the command.

**auth-secret-key** *key*  
**no auth-secret-key**

<b>Syntax Description</b>	<i>key</i> The secret key.				
<b>Command Modes</b>	AAA configuration (config-aaa)				
<b>Usage Guidelines</b>	Use this command in the AAA configuration mode.				
<b>Examples</b>	This example shows how to configure a RADIUS authentication key  <pre>Device&gt; enable Device# configure terminal Device(config)# aaa Device(config-aaa)# radius host radius1 Device(config-aaa-radius-radius1)# auth-secret-key key1</pre>				
<b>Related Commands</b>	<table border="1"> <thead> <tr> <th>Command</th><th>Description</th></tr> </thead> <tbody> <tr> <td><b>aaa</b></td><td>Enters AAA configuration mode</td></tr> </tbody> </table>	Command	Description	<b>aaa</b>	Enters AAA configuration mode
Command	Description				
<b>aaa</b>	Enters AAA configuration mode				

# default domain-name

To enable or disable the default domain, use the **default domain-name** command in AAA configuration mode.

**default domain-name {enable *domain-name* | disable}**

<b>Syntax Description</b>	<b>enable</b> <i>domain-name</i> <b>disable</b>	Enables the default domain. The default domain name The format is string. Disables the default domain.
---------------------------	---	---

**Command Modes** AAA configuration (config-aaa)

**Usage Guidelines** Use this command in the AAA configuration mode.

**Examples** This example shows how to configure the default domain.

```
Device> enable
Device# configure terminal
Device(config)# aaa
Device(config-aaa)# domain default1
Device(config-aaa-domain-default1)# radius host binding cisco
Device(config-aaa-domain-default1)# state active
Device(config-aaa-domain-default1)# exit
Device(config-aaa)# default domain-name enable domain1
Succeed in setting default domain.
```

Related Commands	Command	Description
	<b>aaa</b>	Enters AAA configuration mode

# domain

To specify a RADIUS domain name, use the **domain *domain\_name*** command in AAA configuration mode.

**domain *domain\_name***

<b>Syntax Description</b>	<i>domain_name</i>	The name of the domain. The format is string.
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<b>Command Modes</b>	AAA configuration (config-aaa)
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<b>Usage Guidelines</b>	Use this command in the AAA configuration mode.
-------------------------	---

<b>Examples</b>	This example shows how to specify the RADIUS domain name
-----------------	--

```
Device> enable
Device# configure terminal
Device(config)# aaa
Device(config-aaa)# domain domain1
Device(config-aaa-domain-domain1)#

```

Related Commands	Command	Description
	<b>aaa</b>	Enters AAA configuration mode

# login-access-list

To allow access for specific IP addresses, use the **login-access-list {snmp | ssh | telnet}** command in global configuration mode. To block all IP addresses, use the **no login-access-list** command.

**login-access-list {snmp ip\_address mask | ssh ip\_address mask | telnet ip\_address mask | telnet-limit max\_user\_number}**

**no login-access-list {snmp {all | ip\_address mask} | ssh {all | ip\_address mask} | telnet {all | ip\_address mask} | telnet-limit max\_user\_number}**

Syntax Description		
<b>snmp</b>		The SNMP client
<b>ssh</b>		The SSH client
<b>telnet</b>		The Telnet client
<b>all</b>		Deletes all IP addresses
<i>ip_address</i>		The IP address
<i>mask</i>		The IP address mask
<b>telnet-limit max_user_number</b>		Limit the number of users
		The range is 1 to 1000

**Command Modes** Global configuration (config)

**Usage Guidelines** Use the **no login-access-list {snmp| ssh |telnet} all** command to block all IP access.

Use the **login-access-list {snmp| ssh |telnet} 0.0.0.0 [ 0.0.0.0 | 255.255.255.255]** command to allow all IP access.

**Examples** This example shows how to delete all IP addresses from the SNMP client.

```
Device> enable
Device# configure terminal
Device(config)# no login-access-list snmp all
Delete access ip address successfully.
```

**Related Commands**

Command	Description
<b>show login-access-list</b>	Displays the list of allowed IP addresses.

# muser local

To enable local authentication mode, use the **muser local** command in global configuration mode.

## muser local

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

## Examples

This example shows how to enable local authentication mode

```
Device> enable
Device# configure terminal
Device(config)# muser local
Config manager user authentication successfully.
```

## Related Commands

Command	Description
<b>show muser</b>	Displays the authentication configuration

# muser radius

To enable RADIUS remote authentication, use the **muser radius *radius\_name*** command in global configuration mode.

**muser radius *radius\_name* {pap | chap} {account | local}**

<b>Syntax Description</b>	<i>radius_name</i>	The RADIUS host name. The format is string. The range is from 1 to 32 characters.
	<b>pap</b>	The password authentication protocol (PAP)
	<b>chap</b>	The challenge handshake authentication protocol (CHAP)
	<b>account</b>	Manages login accounting through the RADIUS server.
	<b>local</b>	Allows local authentication when the remote authentication fails.

**Command Modes** Global configuration (config)

## Examples

This example shows how to enable RADIUS remote authentication.

```
Device> enable
Device# configure terminal
Device(config)# muser radius cisco pap local
```

Related Commands	Command	Description
	<b>show muser</b>	Displays the authentication configuration

muser tacacs+

# muser tacacs+

To enable TACACS+ remote authentication mode, use the **muser tacacs+** command in global configuration mode.

**muser tacacs+ {author | account | command-account | local}**

<b>Syntax Description</b>	<p><b>author</b> Allows login authorization through the TACACS+ server</p> <p><b>account</b> Manages login accounting through the TACACS+ server.</p> <p><b>command-account</b> Forwards all the command lines to the TACACS+ server that</p> <p><b>local</b> Allows local authentication when the remote authentication fails</p>				
<b>Command Modes</b>	Global configuration (config)				
<b>Examples</b>	<p>This example shows how to enable TACACS+ remote authentication.</p> <pre>Device&gt; enable Device# configure terminal Device(config)# muser tacacs+</pre>				
<b>Related Commands</b>	<table border="1"> <thead> <tr> <th>Command</th><th>Description</th></tr> </thead> <tbody> <tr> <td><b>show muser</b></td><td>Displays the authentication configuration</td></tr> </tbody> </table>	Command	Description	<b>show muser</b>	Displays the authentication configuration
Command	Description				
<b>show muser</b>	Displays the authentication configuration				

# radius host

To configure a RADIUS server name, use the **radius host** command in AAA configuration mode.

**radius host *radius\_name***

<b>Syntax Description</b>	<i>radius_name</i>	The name of the RADIUS server.						
<b>Command Modes</b>	AAA configuration (config-aaa)							
<b>Usage Guidelines</b>	Use this command in the AAA configuration mode.							
<b>Examples</b>	This example shows how to configure a RADIUS server name							
	<pre>Device&gt; enable Device# configure terminal Device(config)# aaa Device(config-aaa)# radius host radius1</pre>							
<b>Related Commands</b>	<table border="1"> <thead> <tr> <th>Command</th><th>Description</th></tr> </thead> <tbody> <tr> <td><b>aaa</b></td><td>Enters AAA configuration mode</td></tr> <tr> <td><b>show radius host</b></td><td>Displays the RADIUS host configuration</td></tr> </tbody> </table>		Command	Description	<b>aaa</b>	Enters AAA configuration mode	<b>show radius host</b>	Displays the RADIUS host configuration
Command	Description							
<b>aaa</b>	Enters AAA configuration mode							
<b>show radius host</b>	Displays the RADIUS host configuration							

# radius host binding

To bind a domain to the RADIUS server name, use the **radius host binding** command in AAA configuration mode.

**radius host binding *radius-name***

<b>Syntax Description</b>	<i>radius-name</i>	The RADIUS name server. The format is string.						
<b>Command Modes</b>	AAA configuration (config-aaa)							
<b>Usage Guidelines</b>	Use this command in the AAA configuration mode.							
<b>Examples</b>	This example shows how to bind the RADIUS host to the domain.							
	<pre>Device&gt; enable Device# configure terminal Device(config)# aaa Device(config-aaa)# domain radius1 Device(config-aaa-domain-radius1)# radius host binding cisco</pre>							
<b>Related Commands</b>	<table border="1"> <thead> <tr> <th>Command</th><th>Description</th></tr> </thead> <tbody> <tr> <td><b>aaa</b></td><td>Enters AAA configuration mode</td></tr> <tr> <td><b>show radius host</b></td><td>Displays the RADIUS host configuration</td></tr> </tbody> </table>		Command	Description	<b>aaa</b>	Enters AAA configuration mode	<b>show radius host</b>	Displays the RADIUS host configuration
Command	Description							
<b>aaa</b>	Enters AAA configuration mode							
<b>show radius host</b>	Displays the RADIUS host configuration							

# service password-encryption

To save a password in cipher text, use the **service password-encryption** command in global configuration mode.

## service password-encryption

<b>Command Modes</b>	Global configuration (config)
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<b>Examples</b>	This example shows how to save a password in cipher text
-----------------	--

```
Device> enable
Device# configure terminal
Device(config)# service password-encryption
```

**show domain**

## show domain

To display the domain configuration, use the **show domain** command in privileged EXEC or global configuration mode.

**show domain [domain\_name]**

<b>Syntax Description</b>	<i>domain_name</i>	The name of the domain. The format is string.
<b>Command Modes</b>	Privileged EXEC (#) Global configuration (config)	

### Examples

This example shows how to display the domain configuration.

```
Device> enable
Device# configure terminal
Device(config)# show domain domain1
Default domain name : domain1
DomainName      : domain1
RADIUSServerName : cisco
Access-limit    : disabled
AccessedNum     : 0
Scheme          : radius
State           : Block
-----
Total [1] item(s).
```

# show login-access-list

To display the list of allowed IP addresses, use the **show login-access-list** command in privileged EXEC or global configuration mode.

## show login-access-list

**Command Modes** Privileged EXEC (#)

Global configuration (config)

**Examples** This example shows how to view the list of allowed IP addresses.

```
Device> enable
Device# configure terminal
Device(config)# show login-access-list
sno  ipAddress    wildcard bits    terminal
1    0.0.0.0      255.255.255.255  telnet
2    0.0.0.0      255.255.255.255  ssh
```

**Related Commands**

Command	Description
<b>login-access-list {snmp   ssh   telnet}</b>	Allows access for specific IP addresses

**show muser**

# show muser

To display the authentication configuration, use the **show muser** command in privileged EXEC or global configuration mode.

## show muser

---

**Command Modes** Privileged EXEC (#)

Global configuration (config)

---

**Examples** This example shows how to view the authentication configuration.

```
Device> enable
Device# configure terminal
Device(config)# show muser
Show manager user authentication.
Authentication type : local
Admin-Remote-Auth: Disable
```

# show running-config oam

To display the timeout configuration, use the **show running-config oam** command in privileged EXEC or global configuration mode.

## show running-config oam

**Command Modes** Privileged EXEC (#)

Global configuration (config)

**Examples** This example shows how to view the timeout configuration.

```
Device> enable
Device# configure terminal
Device(config)# show running-config oam
! [OAM]
no login-access-list snmp 0.0.0.0 255.255.255.255
service password-encryption
username text privilege 0 password 7 884863d2
banner
screen-rows per-page 55
hostname 2
telnet limit 3
exit
timeout 100
configure terminal
telnetclient timeout 2
ip icmp mask-reply
```

```
show tacacs+
```

## show tacacs+

To display the TACACS+ configuration, use the **show tacacs+** command in privileged EXEC or global configuration mode.

**show tacacs+**

**Command Modes** Privileged EXEC (#)

Global configuration (config)

### Examples

This example shows how to view the TACACS+ configuration.

```
Device> enable
Device# configure terminal
Device(config)# show tacacs+
Primary Server Configurations:
IP address: : 192.168.1.10
Connection port: : 49
Connection timeout: : 5
Key: : 123456

Secondary Server Configurations:
IP address: : 192.168.1.11
Connection port: : 49
Connection timeout: : 5
Key: : 123456
```

# show username

To display the user information, use the **show username** command in privileged EXEC or global configuration mode.

**show username *username***

<b>Syntax Description</b>	<i>username</i>	The user name.
---------------------------	-----------------	----------------

<b>Command Modes</b>	Privileged EXEC (#) Global configuration (config)
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<b>Examples</b>	This example shows how to view the user information.
-----------------	--

```
Device> enable
Device# configure terminal
Device(config)# show username admin
display user information
Terminal type: C=Console, T=Telnet, S=SSH, W=Web
Global Failmax: n/a
User Name          Role      Terminal   FailMax   Fail       OnLineMax  OnLine
admin             ADMIN     CTSW       n/a        0         n/a        1
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>username <i>username</i></b>	Adds a user

**show username privilege-auth**

## show username privilege-auth

To display the privilege password authentication configuration, use the **show username privilege-auth** command in privileged EXEC or global configuration mode.

**show username privilege-auth**

**Command Modes** Privileged EXEC (#)

Global configuration (config)

### Examples

This example shows how to view the configuration of second-tier password authentication

```
Device> enable
Device# configure terminal
Device(config)# show username privilege-auth
Privilege-password authentication
switch: OFF
remote-user name: remote_admin
password not configured
```

### Related Commands

Command	Description
<b>username privilege-auth</b>	Enables privilege password authentication for a local user

# show username silent

To display a user silent period information, use the **show username silent** command in privileged EXEC or global configuration mode.

## show username silent

**Command Modes** Privileged EXEC (#)

Global configuration (config)

**Examples** This example shows how to view a user silent period information

```
Device> enable
Device# configure terminal
Device(config)# show username silent
display user silent period information
Silent Time: 2 minutes
User Name          State      Silent End Time
-----
admin              Off       n/a
text               Off       n/a
```

## Related Commands

Command	Description
<b>username <i>username</i></b>	Adds a user
<b>username silent-time</b>	Configures the silent time
<b>show username</b>	Displays the user information

**show users**

# show users

To display the online users, use the **show users** command in privileged EXEC or global configuration mode.

## show users

**Command Modes** Privileged EXEC (#)

Global configuration (config)

## Examples

This example shows how to view the online users.

```
Device> enable
Device# configure terminal
Device(config)# show users
Only 5 users logged in by telnet are allowed to be in privileged mode.
Now 1 users logged in by telnet have been in privileged mode.

User "admin" logged in at time 2001/12/09 16:53:44
Time passed after login: 0 days 0 hours 12 minutes 32 seconds
Time no operation: 0 minutes 0 seconds
Terminal: telnet 1
Transport: telnet
User's IP address: 10.65.75.54
Authentication: local
Radius hostname: N/A
```

# state active

To activate a domain, use the **state active** command in AAA configuration mode.

## state active

<b>Command Modes</b>	AAA configuration (config-aaa)
----------------------	--------------------------------

<b>Examples</b>	This example shows to activate a configured domain.
-----------------	---

```
Device> enable
Device# configure terminal
Device(config)# aaa
Device(config-aaa)# domain default1
Device(config-aaa-domain-default1)# radius host binding cisco
Device(config-aaa-domain-default1)# state active
Device(config-aaa-domain-default1)# exit
```

## Related Commands

Command	Description
<b>state block</b>	Deactivates a domain

# state block

To deactivate a domain, use the **state block** command in AAA configuration mode.

## state block

<b>Command Modes</b>	AAA configuration mode
----------------------	------------------------

## Examples

This example shows how to deactivate a domain.

```
Device> enable
Device# configure terminal
Device(config)# aaa
Device(config-aaa)# domain default1
Device(config-aaa-domain-default1)# state block
```

## Related Commands

Command	Description
<b>state active</b>	Activates a domain

# stop

To force user or users to go offline, use the **stop** command in privileged EXEC mode.

```
stop {username | vty {all vty_list} | telnet {all terminal_id}}
```

## Syntax Description

<i>username</i>	The username
<b>all</b>	Stops all.
<i>vty_list</i>	The VTY list.
<i>terminal_id</i>	The terminal ID The range is from 0 to 5.

## Command Modes

Privileged EXEC (#)

## Examples

This example shows how to force a user offline

```
Device> enable
Device# stop Jerry
```

# tacacs+

To configure the TACACS + server, use the **tacacs+** command in global configuration mode.

**tacacs+ {primary | secondary}server *ip\_address* [**encrypt-key** *value* | **key** *key* | **port** *port* | **timeout** *value*]**

<b>Syntax Description</b>		
<b>primary</b>		Configures the primary server.
<b>secondary</b>		Configures the secondary server.
<b>server <i>ip_address</i></b>		The server IP address.
<b>encrypt-key <i>value</i></b>		The server key encryption.
<b>key <i>key</i></b>		The server key configuration.
<b>port<i>port</i></b>		The TCP port. The range is from 1 to 65535.
<b>timeout <i>value</i></b>		The connection timeout. The range is from 1 to 70. The default value is 10.

**Command Modes** Global configuration (config)

## Examples

This example shows how to configure the TACACS + primary server

```
Device> enable
Device# configure terminal
Device(config)# tacacs+ primary server 192.168.1.10 key 123456
```

## Related Commands

Command	Description
<b>show tacacs+</b>	Displays the TACACS+ configuration

# tacacs+ authentication-type

To configure an authentication type, use the **tacacs+ authentication-type** command in global configuration mode.

**tacacs+ authentication-type {ascii | chap | pap}**

<b>Syntax Description</b>	ascii	Configures the ASCII authentication type.
	chap	Configures the Challenge Handshake Authentication Protocol (CHAP) authentication type.
	pap	Configures the Password Authentication Protocol (PAP) authentication type.

**Command Modes** Global configuration (config)

**Examples** This example shows how to configure an ASCII authentication type

```
Device> enable
Device# configure terminal
Device(config)# tacacs+ authentication-type ascii
```

Related Commands	Command	Description
	<b>show tacacs+</b>	Displays the TACACS+ configuration

**tacacs+ encrypt-key**

## tacacs+ encrypt-key

To enable password encryption, use the **tacacs+ encrypt-key** command in global configuration mode. To disable password encryption, use the **no tacacs+ encrypt-key** command.

**tacacs+ encrypt-key**

**no tacacs+ encrypt-key**

**Command Modes** Global configuration (config)

**Examples** This example shows how to enable password encryption

```
Device> enable
Device# configure terminal
Device(config)# tacacs+ encrypt-key
```

**Related Commands**

Command	Description
<b>show tacacs+</b>	Displays the TACACS+ configuration

# tacacs+ preemption-time

To configure the recovery time to switch to the TACACS+ primary server, use the **tacacs+ preemption-time** command in global configuration mode.

**tacacs+ preemption-time *time***

<b>Syntax Description</b>	<i>time</i>	The preemption time The unit in minutes. The range is from 0 to 1440. The default value is c0
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<b>Command Modes</b>	Global configuration (config)
----------------------	-------------------------------

## Examples

This example shows how to configure the recovery time to switch to the TACACS+ primary server.

```
Device> enable
Device# configure terminal
Device(config)# tacacs+ preemption-time 200
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show tacacs+</b>	Displays the TACACS+ configuration

# timeout

To configure the system idle timeout, use the **timeout** command in privileged Exec mode. To disable the system idle timeout, use the **no timeout** command.

**timeout** *value*

**no timeout**

<b>Syntax Description</b>	<i>value</i>	The system idle timeout value. The range is 1-480. The default timeout value is 20m.
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<b>Command Modes</b>	Privileged Exec (#)
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<b>Examples</b>	This example shows how to configure the system idle timeout
-----------------	---

```
Device> enable
Device# timeout 100
The idle time is : 100 minutes!
```

# username

To add a user or modify an existing user privilege level, use the **username *username*** command in global configuration mode. To remove a user, use the **no username *username*** command.

```
username username {password {0 | 7}password | privilege privilege_level password {0 | 7}password | terminal {all | console | none | ssh | telnet | web}}
```

**no username *username***

## Syntax Description

<i>username</i>	The username.
<b>password 0  7</b>	<p>The password encryption time.</p> <ul style="list-style-type: none"> <li>• A value of 0 means the password is encrypted using the MD5 algorithm.</li> <li>• A value of 7 means the password is encrypted using the SHA-256 algorithm.</li> </ul>
<i>password</i>	The password.
<i>privilege_level</i>	<p>The privilege level.</p> <ul style="list-style-type: none"> <li>• A privilege value of 0 or 1.</li> <li>• A privilege value between 1 and 15.</li> <li>• Super user (admin) requires privilege level 15.</li> </ul>
<b>terminal</b>	<p>The login mode</p> <p>The options are</p> <ul style="list-style-type: none"> <li>• console</li> <li>• none</li> <li>• SSH</li> <li>• Telnet</li> <li>• Web</li> </ul>

## Command Modes

Global configuration (config)

## Usage Guidelines

If you do not enter a permission value when you create a user, the system will automatically assign it with normal permissions.

Configure the password encryption type as 0 for a new user. When you configure the **service password-encryption** command, a password configured in plain text (0) is decrypted in de-compilation and the decrypted password type changes to 7.

## Examples

This example shows how to add a new user.

**username**

```
Device> enable
Device# configure terminal
Device(config)# username mark privilege 0 password 0 mark@123
Add user successfully.
```

**Related Commands**

<b>Command</b>	<b>Description</b>
<b>show username</b>	Displays the user information
<b>username change-password</b>	Modifies the user password
<b>username change-privilege-pwd</b>	Configures the second-tier password authentication
<b>username failmax</b>	Configures a limit on the consecutive failed login attempts
<b>username online-max</b>	Configures the duration users are online at the same time
<b>username silent-time</b>	Configures the silent time

# username change-password

To modify the user password, use the **username change-password** command in global configuration mode.

## username change-password

<b>Command Modes</b>	Global configuration (config)
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<b>Examples</b>	This example shows how to modify the user password
-----------------	--

```
Device> enable
Device# configure terminal
Device(config)# username change-password
```

Related Commands	Command	Description
	<b>username <i>username</i></b>	Adds a user
	<b>show username</b>	Displays the user information

**username change-privilege-pwd**

## username change-privilege-pwd

To configure the second-tier password authentication, use the **username change-privilege-pwd** command in global configuration mode.

**username change-privilege-pwd {0 | 7}**

<b>Syntax Description</b>	{ 0   7}	<ul style="list-style-type: none"> <li>• A value of 0 means the password is required.</li> <li>• A value of 7 means the password is optional.</li> </ul>
<b>Command Modes</b>	Global configuration (config)	
<b>Examples</b>	This example shows how to configure the second-tier password authentication.	

```
Device> enable
Device# configure terminal
Device(config)# username change-privilege-pwd 0 123456
```

  

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>username <i>username</i></b>	Adds a user
	<b>show username</b>	Displays the user information

# username failmax

To configure a limit on the consecutive failed login attempts, use the **username failmax** command in global configuration mode. To disable the limit on the consecutive failed login attempts, use the **no username failmax** command.

**username failmax {fail\_value | username fail\_value}**

**no username failmax**

<b>Syntax Description</b>	<i>fail_value</i> <i>username</i>	The fail value. The range is from 1 to 100. The username.
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**Command Modes** Global configuration (config)

## Examples

This example shows how to configure a limit on the consecutive failed login attempts.

```
Device> enable
Device# configure terminal
Device(config)# username failmax 5
```

Related Commands	Command	Description
	<b>username <i>username</i></b>	Adds a user
	<b>show username</b>	Displays the user information

**username online-max**

# **username online-max**

To configure the duration users are online at the same time, use the **username online-max** command in global configuration mode.

**username online-max** *username value*

<b>Syntax Description</b>	<i>username</i>	The username.						
	<i>value</i>	The duration users are online at the same time The range is from 1 to 100.						
<b>Command Modes</b>	Global configuration (config)							
<b>Examples</b>	This example shows how to configure the duration users are online at the same time.  Device> <b>enable</b> Device# <b>configure terminal</b> Device(config)# <b>username online-max mark 100</b>							
<b>Related Commands</b>	<table border="1"> <thead> <tr> <th><b>Command</b></th><th><b>Description</b></th></tr> </thead> <tbody> <tr> <td><b>username <i>username</i></b></td><td>Adds a user</td></tr> <tr> <td><b>show username</b></td><td>Displays the user information</td></tr> </tbody> </table>		<b>Command</b>	<b>Description</b>	<b>username <i>username</i></b>	Adds a user	<b>show username</b>	Displays the user information
<b>Command</b>	<b>Description</b>							
<b>username <i>username</i></b>	Adds a user							
<b>show username</b>	Displays the user information							

# username privilege-auth-remote-user

To enable privilege password authentication for a remote user, use the **username privilege-auth-remote-user** command in global configuration mode. To disable user privilege password authentication, use the **no username privilege-auth** command.

**username privilege-auth-remote-user *username***

**no username privilege-auth-remote-user**

<b>Syntax Description</b>	<i>username</i>	The username.
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<b>Command Modes</b>	Global configuration (config)
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## Examples

This example shows how to enable privilege password authentication.

```
Device> enable
Device# configure terminal
Device(config)# username privilege-auth-remote-user mark
Enable Privilege-password authentication OK!
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show username</b>	Displays the user information

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>username <i>username</i></b>	Adds a user
	<b>show username</b>	Displays the user information

**username privilege-auth**

## username privilege-auth

To enable privilege password authentication for a user, use the **username privilege-auth** command in global configuration mode. To disable user privilege password authentication, use the **no username privilege-auth** command.

**username privilege-auth [always]**

**no username privilege-auth**

<b>Syntax Description</b>	<b>always</b>	Configures privilege password authentication for all users.
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<b>Command Modes</b>	Global configuration (config)
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<b>Examples</b>	This example shows how to enable user privilege password authentication.
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```
Device> enable
Device# configure terminal
Device(config)# username privilege-auth
Enable Privilege-password authentication OK!
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show username</b>	Displays the user information

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>username username</b>	Adds a user.
	<b>show username</b>	Displays the user information.
	<b>show username privilege-auth</b>	Displays the privilege password authentication configuration.

# username silent-time

To configure the silent time, use the **username silent-time** command in global configuration mode.

**username silent-time *silent\_time***

<b>Syntax Description</b>	<i>silent_time</i>	The silence period time. The range is from 2 to 1440.
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<b>Command Modes</b>	Global configuration (config)
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<b>Examples</b>	This example shows how to configure the silent time
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```
Device> enable
Device# configure terminal
Device(config)# username silent-time 100
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show username</b>	Displays the user information

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>username <i>username</i></b>	Adds a user
	<b>show username</b>	Displays the user information
	<b>show username silent</b>	Displays a user silent period information

username silent-time