



U Commands

This chapter describes the Cisco Nexus 1000V commands that begin with the letter U.

use-vrf

To specify the virtual routing and forwarding instance (VRF) to use to contact this server group, use the **use-vrf** command.

use-vrf *vrf-name*

Syntax Description	<i>vrf-name</i> Name of the VRF to use to contact this server group.				
Defaults	None				
Command Modes	RADIUS server group configuration submode for the specified group (config-radius)				
Supported User Roles	network-admin network-operator				
Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>4.0(4)SV1(1)</td> <td>This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	4.0(4)SV1(1)	This command was introduced.
Release	Modification				
4.0(4)SV1(1)	This command was introduced.				

Examples

This example shows how to specify the VRF to use to contact the server group called management:

```
n1000v# configure terminal
n1000v(config)# aaa group server radius fred
n1000v(config-radius)# use-vrf management
n1000v(config-radius)#
```

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Related Commands	Command	Description
	aaa group server tacacs+	Creates a TACACS+ server group with the specified name and puts you into the TACACS+ configuration mode for that group.
	aaa group server radius	Creates a RADIUS server group and enters the RADIUS server group configuration submode for that group.
	server	Configures the RADIUS server as a member of the RADIUS server group.
	deadtime	Configures the monitoring dead time.
	show radius-server groups	Displays the RADIUS server group configuration.

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user (Port Profile Role)

To assign a user to a port profile role, use the **user** command. To remove the user, use the no form of the command.

user *user_name*

no user *user_name*

Syntax Description	user <i>user_name</i>	Specify that a user is to be added to the port-profile role, and the name of the user (maximum of 32 characters).
Defaults	None	
Command Modes	Port profile role configuration (config-port-profile-role)	
SupportedUserRoles	network-admin	
Command History	Release	Modification
	4.2(1)SV1(4)	This command was introduced.
Usage Guidelines		
Examples	<p>This example shows how to assign a user to the adminRole:</p> <pre>n1000v# config t n1000v(config)# port-profile-role adminRole n1000v(config-port-profile-role)# user hdbaar</pre> <p>This example shows how to remove the user assignment from the adminRole:</p> <pre>n1000v# config t n1000v(config)# port-profile-role adminRole n1000v(config-role)# no user hdbaar</pre>	
Related Commands	Command	Description
	show port-profile-role	Displays the port profile role configuration, including role names, descriptions, assigned users, and assigned groups.
	show port-profile-role users	Displays available users and groups.
	show port-profile	Displays the port profile configuration, including roles assigned to them.

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Command	Description
port-profile-role	Creates a port profile role.
group	Assigns a group to a port profile role.
assign port-profile-role	Assigns a port profile role to a specific port profile.
feature port-profile-role	Enables support for the restriction of port profile roles.
port-profile	Creates a port profile.

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username

To create and configure a user account, use the **username** command. To remove a user account, use the **no** form of this command.

```
username user-id [expire date [past] ] [password [0 | 5] password] [role role-name] [sshkey
  {file uri | key }]
```

```
no username user-id [role role-name]
```

Syntax Description

<i>user-id</i>	User identifier, a case-sensitive, alphanumeric character string with a maximum length of 28 characters. Note The following characters are not permitted in usernames and login is denied to usernames containing these characters: # @
expire <i>date</i>	(Optional) The expiration date for the user account in the format: YYYY-MM-DD.
password	(Optional) Specifies a password for the account. The default is no password.
0	(Optional) Specifies that the password is in clear text. Clear text passwords are encrypted before they are saved to the running configuration.\
5	(Optional) Specifies that the password is in encrypted format. Encrypted passwords are not changed before they are saved to the running configuration.
<i>password</i>	Password string. The password is alphanumeric, case sensitive, and has a maximum of 64 characters. Note Clear text passwords cannot contain dollar signs (\$) or spaces anywhere in the password. Also, they cannot include these special characters at the beginning of the password: quotation marks (" or '), vertical bars (), or right angle brackets (>).
role <i>role-name</i>	(Optional) Specifies the user role. The <i>role-name</i> is case sensitive.
sshkey	(Optional) Specifies an SSH key for the user account.
<i>key</i>	SSH public key string.
file <i>filename</i>	Specifies the location of the file that contains the SSH public key string. bootflash: file containing host public key for the user volatile: file containing host public key for the user

Defaults

No expiration date, password, or SSH key.

The default role is the network-operator user role.

Command Modes

Global configuration (config)

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SupportedUserRoles network-admin
network-operator

Command History	Release	Modification
	4.0(4)SV1(1)	This command was introduced.

Usage Guidelines

You cannot delete the default admin user role.

You cannot change the expiration date for the default admin user role.

You cannot remove the network-admin role for the default admin user role.

Login is denied to usernames containing these characters:

@

In you have enabled password-strength checking, you can only assign strong passwords. The following are the characteristics of a strong password:

- At least eight characters long
- Does not contain many consecutive characters (such as “abcd”)
- Does not contain many repeating characters (such as “aaabbb”)
- Does not contain dictionary words
- Does not contain proper names
- Contains both uppercase and lowercase characters
- Contains numbers



Caution

If you do not specify a password for the user account, the user might not be able to log in.

Examples

This example shows how to create a user account with a password and a user role:

```
n1000v# config t
n1000v(config)# username user1 password Ci5co321 role network-admin
```

This example shows how to configure the SSH key for a user account:

```
n1000v# config t
n1000v(config)# username user1 sshkey file bootflash:key_file
```

Related Commands	Command	Description
	password strength-check	Checks the password security strength.
	show user-account	Displays the user account configuration.

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username admin password

To change the network admin password in the running configuration, use the **username admin password** command.

username admin password [*new-password*]

Syntax Description	<i>new-password</i> (Optional) Password string, which is alphanumeric, case sensitive, and has a maximum of 64 characters.						
Defaults	None						
Command Modes	Global configuration (config)						
Supported User Roles	network-admin						
Command History	<table border="1"> <thead> <tr> <th>Release</th> <th>Modification</th> </tr> </thead> <tbody> <tr> <td>4.0(4)SV1(1)</td> <td>This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	4.0(4)SV1(1)	This command was introduced.		
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Examples	<p>This example shows how to change the network admin password in the running configuration:</p> <pre>n1000v# config t n1000v(config)# username admin password <new-password> n1000v(config)#</pre>						
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■ username admin password

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