R Commands

This chapter describes the Cisco Nexus Cloud Services Platform commands that begin with the letter R.

ramsize

To modify the memory allocated for RAM in the virtual service, use the **ramsize** command.

> **ramsize** *size*

Syntax Description

size	Size of the RAM in megabytes. The allowable range is from 1024 to 4096.

Defaults

The default RAM size varies, depending on the virtual service. For example, the default RAM size for the Virtual Supervisor Module (VSM) is 2048 GB.

Command Modes

Virtual service blade configuration (config-vsb-config)

SupportedUserRoles

network-admin

Command History

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

Examples

This example shows how to set the RAM size to 3072 MB:

```
n1010# configure terminal
n1010(config)# virtual-service-blade name VSM-1
n1010(config-vsb-config)# ramsize 3072
n1010(config-vsb-config)#
```

Related Commands

Command	Description
description	Adds a description to the virtual service.
numcpu	Configures the NUM CPU.
show virtual-service-blade	Displays information about the virtual service blades.
virtual-service-blade	Creates the named virtual service and places you into configuration mode for that service.

reload

To reboot the system, use the **reload** command.

reload

Syntax Description This command has no arguments or keywords.

Defaults None

Command Modes Any command mode

SupportedUserRoles network-admin

Command History

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

Examples This example shows how to reboot the system:

```
n1010# reload

This command will reboot the system. (y/n)? [n] y
2009 Oct 30 21:51:34 s1 %$ VDC-1 %$ %PLATFORM-2-PFM_SYSTEM_RESET: Manual system restart
from Command Line Interface
n1010(config)#
```

Related Commands

Command	Description
show version	Displays information about the software version.

reload module

To reload a module in the device, use the **reload module** command.

reload module *slot* [**force-dnld**]

Syntax Description

slot	Chassis slot number.
force-dnld	(Optional) Forces the download of software to the module.

Defaults   None

Command Modes   Any command mode

SupportedUserRoles   network-admin

Command History

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

Examples   This example shows how to reload a module:

```
n1010# reload module 2
```

Related Commands

Command	Description
show version	Displays information about the software version.

rmdir

To remove a directory, use the **rmdir** command.

rmdir [*filesystem***:**[**//***module***/**]]*directory*

Syntax Description

*filesystem***:**	(Optional) Name of a file system. The name is case sensitive.
//*module***/**	(Optional) Identifier for a Virtual Supervisor Module (VSM). Valid values are **sup-active**, **sup-local**, **sup-remote**, or **sup-standby**. The identifiers are case sensitive.
directory	Name of a directory. The name is case sensitive.

Defaults   Removes the directory from the current working directory.

Command Modes   Any command mode

SupportedUserRoles   network-admin

Command History

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

Examples   This example shows how to remove the my_files directory:

```
n1010# rmdir my_files
```

Related Commands

Command	Description
cd	Changes the current working directory.
dir	Displays the directory contents.
pwd	Displays the name of the current working directory.

role feature-group name

To configure a role that will support a specified group of features, use the **role feature-group name** command. To remove the role, use the **no** form of this command.

role feature-group name *group-name*

no role feature-group name *group-name*

Syntax DescriptionI

group-name	Descriptive name for the role. The name is case sensitive and an alphanumeric string of up to 32 characters.

Defaults

None

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 create a role named GroupA to support a specified group of features:

```
n1010# configure terminal
n1010(config)# role feature-group name GroupA
n1010(config-role-featuregrp)#
```

This example shows how to remove the role named GroupA:

```
n1010# configure terminal
n1010(config)# no role feature-group name GroupA
n1010(config-role-featuregrp)#
```

Related Commands

Command	Description
role name	Creates a user role.
show user account	Displays user account configuration.
show users	Displays information about the user session.
username	Configures information about the user.

role name

To create a user role, use the **role name** command. To remove the role, use the **no** form of this command.

role name *role-name*

no role name *role-name*

Syntax Description	*role-name*	User role of this name.

Defaults   None

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 create a role named UserA:

```
n1010 # configure terminal
n1010(config)# role name UserA
```

This example shows how to remove the UserA role:

```
n1010(config)# no role UserA
```

Related Commands

Command	Description
role feature-group name	Configures a role that will support a specified group of features.
show user account	Displays user account configuration.
show users	Displays information about the user session.
username	Configures information about the user.

run-script

To run a command script that is saved in a file, use the **run-script** command.

run-script {**bootflash:** | **volatile:**} *filename*

Syntax Description	**bootflash:**	Indicates that the file containing the command script is located in the Bootflash file system.
	volatile:	Indicates that the file containing the command script is located in the Volatile file system.
	filename	Name of the file containing the command script. The name is case sensitive.

Defaults   None

Command Modes   Any command mode

SupportedUserRoles   network-admin
network-operator

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

Examples   This example shows how to run a command script that is saved in the Sample file on the Volatile file system:

```
n1010(config)# run-script volatile:Sample
n1010(config)#
```

Related Commands	Command	Description
	cd	Changes the current working directory.
	copy	Copies files.
	dir	Displays the contents of the working directory.
	pwd	Displays the name of the present working directory (pwd).