



R Commands

This chapter describes the Cisco Nexus 1010 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

<i>size</i>	Size of the RAM in megabytes. The allowable range is from 1024 to 4096.
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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-vs-b-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 set the RAM size to 3072 MB:

```
n1010# config t
n1010(config)# virtual-service-blade name VSM-1
n1010(config-vs-b-config)# ramsize 3072
n1010(config-vs-b-config)#
```

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

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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:

```
switch# 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
switch(config)#
```

Related Commands	Command	Description
	show version	Displays information about the software version.

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reload module

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

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

Syntax Description	
<i>slot</i>	Chassis slot number.
force-dnld	(Optional) Forces the download of software to the module.

Defaults	None
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Command Modes	Any command mode
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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 reload a module: switch# reload module 2
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Related Commands	Command	Description
	show version	Displays information about the software version.

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rmdir

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

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

Syntax Description		
<i>filesystem</i> :	(Optional) Name of a file system. The name is case sensitive.	
<i>//module</i> /	(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.	
<i>directory</i>	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:

```
switch# 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.

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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 Description	<i>group-name</i>	Descriptive name for the role. The name is case sensitive and an alphanumeric string of up to 32 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.

Examples This example shows how to create a role named GroupA to support a specified group of features:

```
n1000v# config t
n1000v(config)# role feature-group name GroupA
n1000v(config-role-featuregrp)#
```

This example shows how to remove the role named GroupA:

```
n1000v# config t
n1000v(config)# no role feature-group name GroupA
n1000v(config-role-featuregrp)#
```

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

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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	<i>role-name</i>	User role of this name.
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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.

Examples This example shows how to create a role named UserA:

```
switch # config t
switch(config)# role name UserA
```

This example shows how to remove the UserA role:

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

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

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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	Parameter	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.
	<i>filename</i>	Name of the file containing the command script. The name is case sensitive.

Defaults	Value
	None

Command Modes	Value
	Any command mode

Supported User Roles	Value
	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:

```
switch(config)# run-script volatile:Sample
switch(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).