



## D Commands

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

### deadtime

To configure the duration of time for which a nonreachable TACACS+ server is skipped, use the **deadtime** command. To revert to the default, use the **no** form of this command.

**deadtime** *minutes*

**no deadtime** *minutes*

<b>Syntax Description</b>	<i>minutes</i>	Number of minutes, from 0 to 1440, for the interval.
<b>Defaults</b>	0 minutes	
<b>Command Modes</b>	TACACS+ server group configuration (config-tacacs+) Global configuration (config)	
<b>SupportedUserRoles</b>	network-admin	
<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	4.0(4)SP1(1)	This command was introduced.

**Usage Guidelines**

Before you can configure it, you must enable TACACS+ using the **tacacs+ enable** command.

The dead time can be configured either globally and applied to all TACACS+ servers, or you can configure the dead time per server group.

If the dead time interval for a TACACS+ server group is greater than zero (0), that value takes precedence over the global dead time value.

Setting the dead time interval to 0 disables the timer.

When the dead time interval is 0 minutes, TACACS+ servers are not marked as dead even if they are not responding.

### Examples

This example shows how to set a global dead time interval to 5 minutes for all TACACS+ servers and server groups:

```
n1010# configure terminal
n1010(config)# tacacs-server deadtime 5
n1010(config)#
```

This example shows how to set the dead time interval to 5 minutes for a TACACS+ server group:

```
n1010# configure terminal
n1010(config)# aaa group server tacacs+ TacServer
n1010(config-tacacs+)# deadtime 5
```

This example shows how to revert to the dead time interval default:

```
n1010# configure terminal
n1010(config)# feature tacacs+
n1010(config)# aaa group server tacacs+ TacServer
n1010(config-tacacs+)# no deadtime 5
```

### Related Commands

Command	Description
<b>aaa group server</b>	Configures AAA server groups.
<b>show tacacs-server</b>	Displays the TACACS+ server configuration.
<b>tacacs+ enable</b>	Enables TACACS+.
<b>tacacs-server host</b>	Configures a TACACS+ server.

# debug logfile

To direct the output of the **debug** commands to a specified file, use the **debug logfile** command. To revert to the default, use the **no** form of this command.

```
debug logfile filename [size bytes]
```

```
no debug logfile filename [size bytes]
```

## Syntax Description

<i>filename</i>	Name of the file for <b>debug</b> command output. The filename is alphanumeric, case sensitive, and has a maximum of 64 characters.
<i>size bytes</i>	(Optional) Specifies the size of the logfile in bytes. The range is from 4096 to 4194304.

## Defaults

Default filename: syslogd\_debugs

Default file size: 4194304 bytes

## Command Modes

Any command mode

## Supported User Roles

network-admin

## Command History

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

## Usage Guidelines

The logfile is created in the log: file system root directory.

Use the **dir log:** command to display the log files.

## Examples

This example shows how to specify a debug logfile:

```
n1010# debug logfile debug_log
```

This example shows how to revert to the default debug logfile:

```
n1010# no debug logfile debug_log
```

## Related Commands

Command	Description
<b>debug logging</b>	Enable <b>debug</b> command output logging.
<b>dir</b>	Displays the contents of a directory.

# debug logging

To enable the **debug** command output logging, use the **debug logging** command. To disable debug logging, use the **no** form of this command.

**debug logging**

**no debug logging**

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**Syntax Description** This command has no arguments or keywords.

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**Defaults** Disabled

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**Command Modes** Any command mode

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**SupportedUserRoles** network-admin

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

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**Examples** This example shows how to enable the output logging for the **debug** command:

```
n1010# debug logging
```

This example shows how to disable the output logging for the **debug** command:

```
n1010# no debug logging
```

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Related Commands	Command	Description
	<b>debug logfile</b>	Configures the logfile for the <b>debug</b> command output.

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# delay

To assign an informational throughput delay value to an Ethernet interface, use the **delay** command. To remove the delay value, use the **no delay** form of this command.

**delay** *value*

**no delay** [*value*]

## Syntax Description

<i>value</i>	Throughput delay time in tens of microseconds. The range is from 1 to 16777215.
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## Defaults

None

## Command Modes

Interface configuration (config-if)

## Supported User Roles

network-admin

## Command History

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

## Usage Guidelines

The actual Ethernet interface throughput delay time does not change when you set this value; the setting is for informational purposes only.

## Examples

This example shows how to assign the delay time to an Ethernet slot 3, port 1 interface:

```
n1010# configure terminal
n1010(config)# interface ethernet 3/1
n1010(config-if)# delay 10000
n1010(config-if)#
```

This example shows how to remove the delay time configuration:

```
n1010# configure terminal
n1010(config)# interface ethernet 3/1
n1010(config-if)# no delay 10000
n1010(config-if)#
```

## Related Commands

Command	Description
<b>show interface</b>	Displays configuration information for an interface.

# delete

To delete a file, use the **delete** command.

```
delete [filesystem://directory/] | directory/filename
```

Syntax Description		
<i>filesystem</i> :	(Optional) Name of the file system. Valid values are <b>bootflash</b> or <b>volatile</b> .	
<i>//directory/</i>	(Optional) Name of the directory. The directory name is case sensitive.	
<i>filename</i>	Name of the file. The name is case sensitive.	

Defaults	
	None

Command Modes	
	Any command mode

Supported User Roles	
	network-admin

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

Usage Guidelines	
	Use the <b>dir</b> command to locate the file you that want to delete.

Examples	
	This example shows how to delete a file: n1010# <b>delete bootflash:old_config.cfg</b>

Related Commands	Command	Description
	<b>dir</b>	Displays the contents of a directory.

# description (interface)

To add a description for the interface and save it in the running configuration, use the **description** command. To remove the interface description, use the **no** form of this command.

**description** *text*

**no description**

<b>Syntax Description</b>	<i>text</i>	Describes the interface. The maximum number of characters is 80.
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<b>Defaults</b>	None
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<b>Command Modes</b>	Interface configuration (config-if)
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<b>SupportedUserRoles</b>	network-admin
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<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	4.0(4)SP1(1)	This command was introduced.

**Examples** This example shows how to add the description for the interface and save it in the running configuration:

```
n1010(config-if)# description Ethernet port 3 on module 1
```

This example shows how to remove the interface description:

```
n1010(config-if)# no description Ethernet port 3 on module 1
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>interface loopback</b>	Creates and configures a loopback interface.
	<b>interface mgmt</b>	Configure the management interface.
	<b>interface vlan</b>	Apply the interface and VLAN ID to a virtual service.
	<b>show interface</b>	Displays the interface status, including the description.

# description (VSB)

To add a description to the virtual service, use the **description** command.

**description** *string*

<b>Syntax Description</b>	<i>string</i>	Virtual service. The maximum number of characters is 80.
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<b>Defaults</b>	None	
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<b>Command Modes</b>	Virtual service blade configuration (config-vs-b-config)	
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<b>SupportedUserRoles</b>	network-admin	
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<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	4.0(4)SP1(1)	This command was introduced.

<b>Usage Guidelines</b>	The <b>virtual-service-blade</b> command determines which virtual service is modified with the <b>description</b> command.
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<b>Examples</b>	This example shows how to add the description for the virtual service and save it in the running configuration:
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```
n1010# configure terminal
n1010(config)# virtual-service-blade VSM-1
n1010(config-vs-b-config)# description vsm hamilton storage
```

This example shows how to remove the virtual service description:

```
n1010(config-if)# no description
```

<b>Related Commands</b>	<b>Command</b>	<b>Description</b>
	<b>show virtual-service-blade</b>	Displays information about the virtual service blades.
	<b>show virtual-service-blade-type summary</b>	Displays a summary of all virtual service configurations by type name.
	<b>virtual-service-blade</b>	Creates the named virtual service and places you into configuration mode for that service.
	<b>virtual-service-blade-type</b>	Specifies the type and name of the software image file to add to this virtual service.



# dir

To display the contents of a directory or file, use the **dir** command.

**dir** [**bootflash:** | **debug:** | **log:** | **volatile:**]

## Syntax Description

<b>bootflash:</b>	(Optional) Specifies the directory or filename.
<b>debug:</b>	(Optional) Specifies the directory or filename on expansion flash.
<b>log:</b>	(Optional) Specifies the directory or filename on log flash.
<b>volatile:</b>	(Optional) Specifies the directory or filename on volatile flash.

## Defaults

None

## Command Modes

Any command mode

## Supported User Roles

network-admin  
network-operator

## Command History

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

## Usage Guidelines

Use the **pwd** command to identify the directory you are currently working in.  
Use the **cd** command to change the directory you are currently working in.

## Examples

This example shows how to display the contents of the bootflash: directory:

```
n1010# dir bootflash:
```

## Related Commands

Command	Description
<b>cd</b>	Changes the current working directory.
<b>pwd</b>	Displays the current working directory.

# domain id

To assign a domain ID, use the **domain id** command. To remove a domain ID, use the **no** form of this command.

**domain id** *number*

**no domain id**

Syntax Description	<i>number</i>	Domain ID number. The range is from 1 to 4095.
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Defaults	None
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Command Modes	Domain configuration (config-svs-domain)
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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.

Usage Guidelines	During installation of the Cisco Nexus 1000V, the setup utility prompts you to configure a domain, including the domain ID and control and packet VLANs.
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Examples	This example shows how to assign a domain ID:
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```
n1010# configure terminal
n1010(config)# svs-domain
n1010(config-svs-domain)# domain id number 32
n1010(config-svs-domain)#
```

This example shows how to remove the domain ID:

```
n1010# configure terminal
n1010(config)# svs-domain
n1010(config-svs-domain)# no domain id number 32
n1010(config-svs-domain)#
```

Related Commands	Command	Description
	<b>show svs domain</b>	Displays the domain configuration.