



M Commands

This chapter describes the Cisco Nexus Virtual Services Appliance commands that begin with the letter M.

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management uplink

To modify the default management traffic interface name in the flexible network uplink type, use the **management uplink** command.

management uplink *interface name*

Syntax Description	<i>interface name</i> The name of the management uplink interface. Interface names can be GigabitEthernet interfaces or Portchannel interfaces.
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Defaults	None
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Command Modes	SVS domain configuration (config-svs-domain)
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SupportedUserRoles	network-admin
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Command History	Release	Modification
	4.2(1)SP1(4)	This command was introduced.

Examples This example shows how to modify the control traffic interface name:

```
n1010# configure terminal
n1010(config)# svs-domain
n1010(config-svs-domain)# management uplink GigabitEthernet2
n1010(config-svs-domain)#
```

Related Commands	Command	Description
	network uplink type	Modifies the network uplink type.
show network-uplink type	Displays the uplink configuration.	

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management vlan

To configure a management VLAN, use the **management vlan** command.

management vlan

Syntax Description	<i>vlan-id</i>	Number of a new or existing management VLAN. The range is from 1 to 3967 and 4048 to 4093.
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Defaults	None
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Command Modes	SVS 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.

Examples This example shows how to apply the control interface and VLAN ID 1044 to this virtual service:

```
n1010# configure terminal
n1010(config)# svcs-domain
n1010(config-svs-domain)# management vlan
n1010(config-svs-domain)#
```

Related Commands	Command	Description
	control vlan	Modifies the VLAN ID of the VSM domain control VLAN
domain id	Assign a domain ID.	
show svcs domain	Displays the Virtual Supervisor Module (VSM) domain configuration.	
svcs-domain	Enters SVS domain configuration mode.	

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media

To specify the media type of a VLAN as Ethernet, use the **media** command. To remove the type, use the **no** form of this command.

media ethernet

no media

Syntax Description	ethernet Specifies Ethernet media type.				
Defaults	None				
Command Modes	VLAN configuration (config-vlan)				
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)SP1(1)</td> <td>This command was introduced.</td> </tr> </tbody> </table>	Release	Modification	4.0(4)SP1(1)	This command was introduced.
Release	Modification				
4.0(4)SP1(1)	This command was introduced.				
Examples	<p>This example shows how to configure the media type:</p> <pre>n1010# configure terminal n1010(config)# media ethernet n1010(config)#</pre>				
Related Commands	<table border="1"> <thead> <tr> <th>Command</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>show vlan</td> <td>Displays VLAN information.</td> </tr> </tbody> </table>	Command	Description	show vlan	Displays VLAN information.
Command	Description				
show vlan	Displays VLAN information.				

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mkdir

To create a new directory, use the **mkdir** command.

```
mkdir {bootflash: | debug: | volatile:}
```

Syntax Description	
bootflash:	Specifies bootflash as the directory name.
debug:	Specifies debug as the directory name.
volatile:	Specifies volatile as the directory name.

Defaults	None
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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.

Examples	This example shows how to create the bootflash: directory:
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```
n1010# mkdir bootflash:
```

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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mount [physical | virtual]

To access an external USB or CD to copy the logs for troubleshooting in the Cisco Nexus Virtual Services Appliance, use the **mount [physical|virtual]** command. To disable, use the **no** form of this command.

mount [physical | virtual]

no mount [physical | virtual]

Syntax Description	physical	virtual
	Specifies a physical USB or CD drive.	Specifies a virtual drive that is mapped through the KVM console on the CIMC.

Defaults

Command Modes Global configuration (config)

SupportedUserRoles network-admin

Command History	Release	Modification
	4.2(1)SP1(5.1)	This command was introduced.

Usage Guidelines

Examples This example shows how to enable access to external USB:

```
switch# configure terminal
switch(config)# feature auxillary usb
switch(config)# mount physical
```

Related Commands	Command	Description
	feature auxillary	Enables the auxillary feature in the Cisco Nexus Virtual Services Appliance

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move

To move a file from one directory to another, use the **move** command.

```
move [filesystem://module/][directory/] | directory/source-filename
      { {filesystem://module/][directory/] | directory/ } [destination-filename] | target-filename }
```

Syntax Description	
<i>filesystem</i> :	(Optional) Name of a file system. The name is case sensitive.
<i>//module/</i>	(Optional) Identifier for a VSM. Valid values are sup-active , sup-local , sup-remote , or sup-standby . The identifiers are case sensitive.
<i>directory/</i>	(Optional) Name of a directory. The name is case sensitive.
<i>source-filename</i>	Name of the file to move. The name is case sensitive.
<i>destination-filename</i>	(Optional) Name of the destination file. The name is alphanumeric, case sensitive, and has a maximum of 64 characters.

Defaults

The default name for the destination file is the same as the source filename.

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

You can make a copy of a file by using the **copy** command.



Tip

You can rename a file by moving it within the same directory.

Examples

This example shows how to move a file to another directory:

```
n1010# move file1 my_files:file2
```

This example shows how to move a file to another file system:

```
n1010# move file1 slot0:
```

This example shows how to move a file to another VSM:

```
n1010# move file1 bootflash://sup-remote/file1.bak
```

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Related Commands	Command	Description
	cd	Changes the current working directory.
	copy	Makes a copy of a file.
	dir	Displays the directory contents.
	pwd	Displays the name of the current working directory.

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mtu

To configure the maximum transmission unit (MTU) size for an interface, use the **mtu** command. To remove the configured MTU size from the interface, use the **no** form of this command.

mtu *size*

no mtu *size*

Syntax Description	<i>size</i>	MTU size. The range is 1500 to 9000.
Defaults	1500 bytes	
Command Modes	Interface configuration (config-if)	
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 MTU size to 2000: <pre>n1010# configure terminal n1010(config)# interface port-channel 2 n1010(config-if)# mtu 2000</pre>	
Related Commands	Command	Description
	show interface	Displays information about the interface, which includes the MTU size.

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