



V Commands

This chapter describes the Cisco Nexus 1010 commands that begin with the letter V.

virtual-service-blade

To enter virtual service blade configuration mode and configure a virtual service, use the **virtual-service-blade** command. To remove a virtual service configuration, use the **no** form of this command.

virtual-service-blade *name*

no virtual-service-blade *name*

Syntax Description	<i>name</i>	User identifier that is a case-sensitive, alphanumeric character string with a maximum of 80 characters. The name cannot contain spaces or special characters.
Defaults	None	
Command Modes	Global configuration (config)	
Supported User Roles	network-admin	
Usage Guidelines	When you use the no form of the command, you do not enter virtual service blade configuration mode.	
Command History	Release	Modification
	4.0(4)SP1(1)	This command was introduced.

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Examples

This example shows how to enter virtual service blade configuration mode and configure the virtual service named vsb1:

```
switch# configure terminal
switch(config)# virtual-service-blade vsb1
switch(config-vsb-config)#
```

This example shows how to remove the virtual service configuration named vsb1:

```
switch# configure terminal
switch(config)# no virtual-service-blade vsb1
switch(config)#
```

Related Commands

Command	Description
virtual-service-blade-type name	Specifies the virtual service type to add to a virtual service.
virtual-service-blade-type new	Specifies the name of the software image file to add to a virtual service.
show virtual-service-blade	Displays information about virtual service blades.
show virtual-service-blade-type summary	Displays information about the virtual service types and the virtual services belonging to that type.

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virtual-service-blade-type name

To specify the virtual service type to add to a virtual service, use the **virtual-service-blade-type name** command.

virtual-service-blade-type name *type-name*

Syntax Description	<i>type-name</i>	Name of an existing virtual service type.
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Defaults	None
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Command Modes	Virtual service blade configuration (config-vs-b-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 specify the VSM-3 virtual service type:

```
switch(config-vs-b-config)# virtual-service-blade-type name vsm-3
switch(config-vs-b-config)#
```

Related Commands	Command	Description
	virtual-service-blade-type new	Specifies the name of the software image file to add to a virtual service.
virtual-service-blade	Places you in virtual service blade configuration mode and configures a virtual service.	
show virtual-service-blade	Displays information about virtual service blades.	
show virtual-service-blade-type summary	Displays information about the virtual service types and the virtual services belonging to that type.	

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virtual-service-blade-type new

To specify the name of the software image file to add to a virtual service, use the **virtual-service-blade-type new** command.

virtual-service-blade-type new *iso-file-name*

Syntax Description	<i>iso-file-name</i>	Name of the new ISO software image file in the bootflash repository folder.
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Defaults	None
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Command Modes	Virtual service blade configuration (config-vs-b-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 specify nexus-1010.4.0.4.SV1.3.51.iso as the software image file to add to the virtual service:

```
switch(config-vs-b-config)# virtual-service-blade-type new nexus-1010.4.0.4.SV1.3.51.iso
switch(config-vs-b-config)#
```

Related Commands	Command	Description
	virtual-service-blade-type name	Specifies the virtual service type to add to a virtual service.
virtual-service-blade	Places you in virtual service blade configuration mode and configures a virtual service.	
show virtual-service-blade	Displays information about virtual service blades.	
show virtual-service-blade-type summary	Displays information about the virtual service types and the virtual services belonging to that type.	

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vlan

To create a VLAN and enter the VLAN configuration mode, use the **vlan** command. To remove a VLAN, use the **no** form of this command.

vlan *id*

no vlan *id*

Syntax Description	<i>id</i>	VLAN identification number. The range is from 1 to 4094.
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Defaults The default VLAN is VLAN 1.

Command Modes Global configuration (config)

SupportedUserRoles network-admin

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

Usage Guidelines Specify a VLAN range by using a dash. For example, 1-9 or 20-30.

Examples This example shows how to create a VLAN and enter the VLAN configuration mode:

```
switch# configure terminal
switch(config)# vlan 10
switch(config-vlan)#
```

This example shows how to remove a VLAN:

```
switch# configure terminal
switch(config)# no vlan 10
switch(config)#
```

Related Commands	Command	Description
	exit	Exits a configuration mode.
	interface vlan	Applies the interface and VLAN ID to a virtual service.

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