



## V Commands

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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*

<b>Syntax Description</b>	<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.
<b>Defaults</b>	None	
<b>Command Modes</b>	Global configuration (config)	
<b>Supported User Roles</b>	network-admin	
<b>Usage Guidelines</b>	When you use the <b>no</b> form of the command, you do not enter virtual service blade configuration mode.	
<b>Command History</b>	<b>Release</b>	<b>Modification</b>
	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
<b>virtual-service-blade-type name</b>	Specifies the virtual service type to add to a virtual service.
<b>virtual-service-blade-type new</b>	Specifies the name of the software image file to add to a virtual service.
<b>show virtual-service-blade</b>	Displays information about virtual service blades.
<b>show virtual-service-blade-type summary</b>	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*

<b>Syntax Description</b>	<i>type-name</i>	Name of an existing virtual service type.
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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.

**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)#
```

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

Usage Guidelines	Specify a VLAN range by using a dash. For example, 1-9 or 20-30.
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**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
	<b>exit</b>	Exits a configuration mode.
	<b>interface vlan</b>	Applies the interface and VLAN ID to a virtual service.

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