



V Commands

This chapter describes the Cisco Nexus Cloud Services Platform 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.
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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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Usage Guidelines	When you use the no form of the command, you do not enter virtual service blade configuration mode.
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Command History	Release	Modification
	4.0(4)SP1(1)	This command was introduced.

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

```
n1010# configure terminal
n1010(config)# virtual-service-blade vsb1
n1010(config-vsb-config)#
```

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

```
n1010# configure terminal
n1010(config)# no virtual-service-blade vsb1
n1010(config)#
```

Related Commands	Command	Description
	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.
	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.

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	<p>This example shows how to specify the VSM-3 virtual service type:</p> <pre>n1010(config-vs-b-config)# virtual-service-blade-type name vsm-3 n1010(config-vs-b-config)#</pre>
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Related Commands	Command	Description
	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.
	virtual-service-blade	Places you in virtual service blade configuration mode and configures a virtual service.
	virtual-service-blade-type new	Specifies the name of the software image file to add to a virtual service.

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:

```
n1010(config-vs-b-config)# virtual-service-blade-type new nexus-1010.4.0.4.SV1.3.51.iso
n1010(config-vs-b-config)#
```

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

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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SupportedUserRoles	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:
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```
n1010# configure terminal
n1010(config)# vlan 10
n1010(config-vlan)#
```

This example shows how to remove a VLAN:

```
n1010# configure terminal
n1010(config)# no vlan 10
n1010(config)#
```

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