A Commands

allocate fcoe-vlan-range

To allocate Fibre Channel over Ethernet (FCoE) VLANs to a virtual device context (VDC), use the **allocate fcoe-vlan-range** command. To remove the shared FCoE VLAN configuration for the VDC, use the **no** form of this command.

allocate fcoe-vlan-range *vlan-range* **from vdcs** *vdc-name...* [**,vdcs** *vdc-name*]
noallocate fcoe-vlan-range *vlan-range* **from vdcs** *vdc-name...* [**,vdcs** *vdc-name*]

Syntax Description

vlan-range	FCoE VLAN range. The range is from 1 to 3967.
from	Specifies which VDCs are going to share ports with the FCoE VDC.
vdcs	(Optional) Specifies the VDC.
vdc-name	VDC name.

Command Default None

Command Modes

VDC configuration mode

Command History

Release	Modification
5.2(1)	This command was introduced on the Cisco Nexus 7000 Series Switches.

Usage Guidelines Before allocating fcoe-vlan-range one has to create a storage vdc first.

This command does not require a license.

Note Before allocating fcoe-vlan-range one has to create a storage vdc first.

Examples This example shows how to allocate FCoE VLANs to a VDC:

```
switch# configure terminal
switch(config)# vdc 2
switch(config-vdc)# allocate fcoe-vlan-range 100-200 from vdc switch
switch(config-vdc)#
```

This example shows how to remove the shared FCoE VLAN configuration for a VDC:

```
switch(config-vdc)# no allocate fcoe-vlan-range 100-200 from vdc switch
```

Related Commands

Command	Description
allocate interface	Allocates interfaces to a VDC for sharing ports.
show vdc fcoe-vlan- range	Displays the FCoE VLAN range on the VDC.

allocate shared interface ethernet

To allocate interfaces to a virtual device context (VDC) for sharing ports, use the **allocate shared interface ethernet** command. To disallow the VDC to share interfaces, use the **no** form of this command.

allocate shared interface ethernet *slot/chassis number*
noallocate shared interface ethernet *slot/chassis number*

Syntax Description	*slot/chassisnumber*	Slot or chassis number. The range is from 1 to 253.

Command Default None

Command Modes

VDC configuration mode

Command History

Release	Modification
5.2(1)	This command was introduced on the Cisco Nexus 7000 Series Switches.

Usage Guidelines This command does not require a license.

Examples

This example shows how to allocate interfaces to a VDC for sharing ports:

```
switch# configure terminal
switch(config)# vdc 2
switch(config-vdc)# allocate shared interface ethernet 7/5
switch(config-vdc)#
```

This example shows how to disallow a VDC to share interfaces:

```
switch(config-vdc)# no allocate shared interface ethernet 7/5
```

switch(config-vdc)#

Related Commands

Command	Description
allocate fcoe-vlan-range	Allocates FCoE VLANs to a VDC.
show vdc shared membership	Displays the shared interfaces on a VDC.