



## S Commands

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# switchback

To switch back to the default virtual device context (VDC) from another VDC, use the **switchback** command.

**switchback**

**Syntax Description** This command has no arguments or keywords.

**Command Default** None

**Command Modes** Any command mode

## Command History

Release	Modification
4.0(1)	This command was introduced.

## Usage Guidelines

This command requires the Advanced Services license.

## Examples

This example shows how to switch back to the default VDC:

```
switch-MyVDC# switchback
switch(config)#
```

## Related Commands

Command	Description
show current vdc	Displays information about the current VDC.
switchto vdc	Switches to a nondefault VDC.

# switchto vdc

To switch to another virtual device context (VDC) from the default VDC, use the **switchto vdc** command.

**switchto vdc** *vdc-name*

## Syntax Description

<i>vdc-name</i>	VDC name.
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## Command Default

None

## Command Modes

Any command mode

## Command History

Release	Modification
4.0(1)	This command was introduced.

## Usage Guidelines

- Only users with the network-admin or network-operator role can use the switchto vdc command. No other users are permitted to use it.
- No user can grant permission to another role to use the switchto vdc command.
- After a network-admin uses the switchto vdc command, this user becomes a vdc-admin for the new VDC. Similarly, after a network-operator uses the switchto vdc command, this user becomes a vdc-operator for the new VDC. Any other roles associated with the user are not valid after the switchto vdc command is entered.
- After a network-admin or network-operator uses the switchto vdc command, this user cannot use this command to switch to another VDC. The only option is to use the switchback command to return to the original VDC.

You can use this command only from the default VDC (VDC 1).

To return to the default VDC, use the **exit** from EXEC mode or the **switchback** command.

This command requires the Advanced Services license.

## Examples

This example shows how to switch to a VDC:

```
switch# switchto vdc MyDevice
TAC support: http://www.cisco.com/tac
Copyright (c) 2002-2008, Cisco Systems, Inc. All rights reserved.
The copyrights to certain works contained in this software are
owned by other third parties and used and distributed under
license. Certain components of this software are licensed under
```

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switch-MyDevice#

**Related Commands**

Command	Description
show current vdc	Displays information about the current VDC.
switchback	Returns to the default VDC.

# system admin-vdc migrate

To configure the default VDC used for switchwide configuration to copy any local config from default VDC to a new VDC, use the **system admin-vdc migrate** command.

**system admin-vdc migrate vdc**

**no system admin-vdc**

## Syntax Description

<b>vdc</b>	Specifies a new vdc.
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## Command Default

Disabled

## Command Modes

Global configuration mode

## Command History

Release	Modification
6.1(1)	This command was introduced.

## Usage Guidelines

This command does not require a license.

## Examples

This example shows how to configure the default VDC used for switchwide configuration to copy any local config from default VDC to a new VDC:

```
switch(config)# system admin-vdc migrate vdc2
switch(config)#
```

## Related Commands

Command	Description
<b>show vdc</b>	Displays whether the default VDC is configured for Ethernet or Admin VDC mode.

## system module-type

To configure which module can be enabled on a chassis, use the **system module-type** command. To reset the configuration mode to allow all modules, use the no form of the command.

```
{system module-type f1| f2| f2e| f3| m1| m1x1| m2x1}
```

```
{no system module-type f1| f2| f2e| f3| m1| m1x1| m2x1}
```

### Syntax Description

f1	Specifies the F1 type modules in the chassis.
f2	Specifies the F2 type modules in the chassis.
f2e	Specifies the F2e type modules in the chassis.
f3	Specifies the F3 type modules in the chassis.
m1	Specifies the M1 type modules in the chassis.
m1x1	Specifies the M1x1 type modules in the chassis.
m2x1	Specifies the M2 type modules in the chassis.

### Command Default

Enable

### Command Modes

Switchwide vdc mode

### Command History

Release	Modification
6.2(6)	The f3 keyword was added.
6.1(3)	This command was introduced.

### Usage Guidelines

#### Note

The modules that you do not enable must not be powered on after you configure this feature and enter yes. An error message will force you to manually disable these modules before proceeding. This prevents major disruption and service issues within a VDC.

This command does not require a license.

**Examples**

This example shows how to configure which module can be enabled on a chassis:

```
switch(config)# system module-type f1 f2 m1
Modules of unsupported types will not be allowed to power on after this. Continue(y/n)?
[yes] y
switch(config)#
```

**Related Commands**

Command	Description
<b>show vdc</b>	Displays whether the default VDC is configured for Ethernet or Admin VDC mode.

system module-type