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VCF fabric commands

The following switch series do not support VCF fabric:

- S5560S-SI
- S5500V3-SI
- MS4520V2
- WS5850-WiNet

display vcf-fabric role

Use `display vcf-fabric role` to display the role of the device in the VCF fabric.

Syntax

```
display vcf-fabric role
```

Views

Any view

Predefined user roles

network-admin
network-operator

Usage guidelines

Use this command to display the default role and the current role of the device in the VCF fabric. To change the current role of the device, use the `vcf-fabric role` command.

Examples

```
# Display the role of the device in the VCF fabric.
```

```
<System> display vcf-fabric role
```

```
Default role: access
```

```
Current role: access
```

Table 1 Command output

Field	Description
Default role	Default role of the device.
Current role	Current role of the device.

Related commands

```
vcf-fabric role
```

display vcf-fabric underlay autoconfigure

Use `display vcf-fabric underlay autoconfigure` to display information about automated underlay network deployment.

Syntax

```
display vcf-fabric underlay autoconfigure
```

Views

Any view

Predefined user roles

network-admin

network-operator

Usage guidelines

Before you execute this command, make sure automated underlay network deployment is enabled.

Examples

Display information about automated underlay network deployment.

```
<Sysname> display vcf-fabric underlay autoconfigure
```

success command:

```
#
system
clock timezone beijing add 08:00:00
#
system
lldp global enable
#
system
stp global enable
#
system
interface Vlan-interface1
ip address dhcp-alloc
#
system
telnet server enable
#
system
ssh server enable
#
system
info-center loghost 110.0.0.111
#
system
local-user aaa
password *****
service-type telnet http https ssh
authorization-attribute user-role network-admin
#
system
line vty 0 63
authentication-mode scheme
user-role network-admin
#
system
```

```

vcf-fabric topology enable
#
system
snmp-agent
snmp-agent community read public
snmp-agent community write private
snmp-agent sys-info version all
#
system
vlan 4093
#
system
vlan 4094
#
system
interface Vlan-interface4094
ip address dhcp-alloc
#
system
ntp-service enable
ntp-service unicast-server 110.0.0.111
#
system
snmp-agent
snmp-agent community read public
snmp-agent community write private
snmp-agent sys-info version all
snmp-agent packet max-size 4096
snmp-agent target-host trap address udp-domain 110.0.0.111 params securityname
public v2c
#
system
telnet server enable
local-user 2
password *****
service-type telnet http https
authorization-attribute user-role network-admin
#
system
ssh server enable
local-user 3
password *****
service-type ssh http https
authorization-attribute user-role network-admin
#
system
netconf soap http enable
netconf soap https enable
local-user 1

```

```

password *****
service-type http https
authorization-attribute user-role network-admin
#
IRF allocation:
Self Bridge Mac: 00e0-fc00-510a
IRF Status: No
Member List: [1]

```

Table 2 Command output

Field	Description
success command	Commands that have been successfully executed during automated underlay network deployment.
Uplink interface	Uplink interfaces of the device.
Downlink interface	Downlink interfaces of the device.
Aggregation configuration	Information about Layer 2 aggregation groups.
IRF allocation	IRF configurations, including IRF bridge MAC address of the IRF fabric, IRF status, and the IRF member ID of the device.

Related commands

`vcf-fabric underlay autoconfigure`

display vcf-fabric underlay template-version

Use `display vcf-fabric underlay template-version` to display the supported version and the current version of the template file for automated VCF fabric deployment.

Syntax

```
display vcf-fabric underlay template-version
```

Views

Any view

Predefined user roles

```

network-admin
network-operator

```

Usage guidelines

The version format of a template file for automated VCF fabric deployment is x.y. Only the x part is examined during a version compatibility check. For successful automated deployment, make sure x in the version of the template file to be used is not greater than x in the supported version.

Examples

Display the supported version and the current version of the template file for automated VCF fabric deployment when automated deployment is not started.

```

<Sysname> display vcf-fabric underlay template-version
Supported template version: 6.0
Current template version: Not available

```

Display the supported version and the current version of the template file for automated VCF fabric deployment when automated deployment has finished.

```
<Sysname> display vcf-fabric underlay template-version
Supported template version: 6.0
Current template version: 6.0
```

Table 3 Command output

Field	Description
Supported template version	Supported version of the template file for automated VCF fabric deployment.
Current template version	Current version of the template file for automated VCF fabric deployment. This field displays Not available if automated VCF fabric deployment has not started. This field displays None if automated VCF fabric deployment has finished but the template file does not contain a version number.

vcf-fabric topology enable

Use **vcf-fabric topology enable** to enable VCF fabric topology discovery.

Use **undo vcf-fabric topology enable** to disable VCF fabric topology discovery.

Syntax

```
vcf-fabric topology enable
undo vcf-fabric topology enable
```

Default

VCF fabric topology discovery is disabled.

Views

System view

Predefined user roles

network-admin

Examples

```
# Enable VCF fabric topology discovery.
<Sysname> system-view
[Sysname] vcf-fabric topology enable
```

vcf-fabric underlay autoconfigure

Use **vcf-fabric underlay autoconfigure** to specify the template file for automated underlay network deployment.

Use **undo vcf-fabric underlay autoconfigure** to restore the default.

Syntax

```
vcf-fabric underlay autoconfigure template
undo vcf-fabric underlay autoconfigure
```

Default

No template file is specified for automated underlay network deployment.

Views

System view

Predefined user roles

network-admin

Parameters

template: Specifies a template file by its name, a case-insensitive string of 1 to 127 characters. A template file is a file ending with the **.template** file extension.

Usage guidelines

After this command is executed, the device uses the specified template file to deploy the underlay network.

Examples

```
# Specify template file 1_access.template for automated underlay network deployment.  
<Sysname> system-view  
[Sysname] vcf-fabric underlay autoconfigure 1_access.template
```

vcf-fabric underlay pause

Use **vcf-fabric underlay pause** to pause automated underlay network deployment.

Use **undo vcf-fabric underlay pause** to continue automated underlay network deployment.

Syntax

```
vcf-fabric underlay pause  
undo vcf-fabric underlay pause
```

Default

Automated underlay network deployment is not paused.

Views

System view

Predefined user roles

network-admin

Usage guidelines

You can use this command to pause automated underlay network deployment if the device is in the process of automated underlay network deployment.

Examples

```
# Pause automated underlay network deployment.  
<Sysname> system-view  
[Sysname] vcf-fabric underlay pause
```