



# **cluster controller-replacement commands**

## Command reference

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# cluster controller-replacement commands

## cluster controller-replacement network displaced-interface delete

Delete network interfaces displaced away from this node by controller-replacement

**Availability:** This command is available to *cluster* administrators at the *admin* privilege level.

### Description

Delete references to logical interfaces that were displaced to another node due to a controller-replacement. A LIF that has been displaced to another node has had its home-node modified to another node because no network ports were available in the same broadcast domain on the original home-node. Deleting this entry does not delete the LIF, it only deletes the entry from the displaced-lifs table indicating that the LIF's current home-node is considered restored.

### Parameters

**-node <nodename> - Node**

Selects the node from which the LIF was displaced.

**-vserver <vserver> - Vserver**

Selects the vservers on which the LIF resides.

**-lif-name <text> - Lif Name**

Selects the name of the LIF for which to display displaced information.

### Examples

The following example deletes displaced LIF information.

```
cluster1::> cluster controller-replacement network displaced-interface  
delete -vserver vs0 -lif lif1
```

## cluster controller-replacement network displaced-interface restore-home-node

Restore home node for networked interfaces displaced by controller-replacement

**Availability:** This command is available to *cluster* administrators at the *admin* privilege level.

### Description

Restore the original home node of logical interfaces that were displaced to another node due to a controller-replacement. A LIF that has been displaced to another node has had its home-node modified to another node because no network ports were available in the same broadcast domain on the original home-node. Restoring

the home-node attempts to find a home-port on the original home node if a suitable port exists.

## Parameters

### **-node <nodename> - Node**

Selects the node from which the LIF was displaced.

### **-vserver <vserver> - Vserver**

Selects the vservers on which the LIF resides.

### **-lif-name <text> - Lif Name**

Selects the name of the displaced LIF to be restored.

## Examples

The following example restores the home-node of a displaced LIF.

```
cluster1::> cluster controller-replacement network displaced-interface  
restore-home-node -vserver vs0 -lif lif1
```

## cluster controller-replacement network displaced-interface show

Display network interfaces displaced away from this node by controller-replacement

**Availability:** This command is available to *cluster* administrators at the *admin* privilege level.

## Description

Display logical interfaces that were displaced to another node due to a controller-replacement. A LIF that has been displaced to another node has had its home-node modified to another node because no network ports were available in the same broadcast domain on the original home-node.

## Parameters

### **{ [-fields <fieldname>,...]**

If you specify the `-fields <fieldname>`, ... parameter, the command output also includes the specified field or fields. You can use `'-fields ?'` to display the fields to specify.

### **| [-instance ] }**

If you specify the `-instance` parameter, the command displays detailed information about all fields.

### **[-node <nodename>] - Node**

Selects the node from which the LIF was displaced.

### **[-vserver <vserver>] - Vserver**

Selects the vservers on which the LIF resides.

**[*-lif-name* <text>] - Lif Name**

Selects the name of the LIF for which to display displaced information.

**[*-original-home-node* <nodename>] - Original Home Node**

The original home-node that was assigned to the LIF prior to controller-replacement.

**[*-current-home-node* <nodename>] - Current Home Node**

The current home-node assigned to the LIF after controller-replacement.

## Examples

The following example displays the displaced LIF information.

```
cluster1::> cluster controller-replacement network displaced-interface
show
cluster controller-replacement network displaced-interface show)
riginal          Current
server          LIF Name          Home Node          Home Node
-----
s0              lif1              node1              node2
1 entry was displayed.
```

## cluster controller-replacement network displaced-vlans delete

Remove VLANs displaced by controller-replacement

**Availability:** This command is available to *cluster* administrators at the *admin* privilege level.

### Description

Delete VLAN tags that were displaced due to a controller-replacement. A VLAN tag that has been displaced is a tag that was based on a network port that either no longer exists, or was moved to a new broadcast domain. Restoring the vlan-tags re-creates them on the specified network port.

### Parameters

***-node* <nodename> - Node**

Selects the node on which the displaced vlans reside.

***-port* <netport> - Original Base Port**

The original base port where the vlans existed prior to controller-replacement.

## Examples

The following example deletes the displaced vlan-tag information.

```
cluster1::> cluster controller-replacement network displaced-vlans delete
-node local -port e0c
```

## cluster controller-replacement network displaced-vlans restore

Delete VLANs displaced by controller-replacement

**Availability:** This command is available to *cluster* administrators at the *admin* privilege level.

### Description

Restore VLAN tags that were displaced due to a controller-replacement. A VLAN tag that has been displaced is a tag that was based on a network port that either no longer exists, or was moved to a new broadcast domain. Restoring the vlan-tags re-creates them on the specified network port.

### Parameters

**-node <nodename> - Node**

Selects the node on which the displaced vlans reside.

**-port <netport> - Original Base Port**

The original base port where the vlans existed prior to controller-replacement.

**-destination-port <netport> - Destination Port**

The destination port where the vlan-tags will be restored.

### Examples

The following example restores vlan-tags displaced from port e0c onto port e0d.

```
cluster1::> cluster controller-replacement network displaced-vlans restore
-node node1 -port e0c -destination-port e0d
```

## cluster controller-replacement network displaced-vlans show

Display VLANs displaced by controller-replacement

**Availability:** This command is available to *cluster* administrators at the *admin* privilege level.

### Description

Display VLAN tags that were displaced due to a controller-replacement. A VLAN tag that has been displaced is a tag that was based on a network port that either no longer exists, or was moved to a new broadcast domain. Restoring the vlan-tags re-creates them on the specified network port.

## Parameters

**{ [-fields <fieldname>,...]**

If you specify the `-fields <fieldname>`, ... parameter, the command output also includes the specified field or fields. You can use `-fields ?` to display the fields to specify.

**| [-instance ] }**

If you specify the `-instance` parameter, the command displays detailed information about all fields.

**[-node <nodename>] - Node**

Selects the node on which the displaced vlans reside.

**[-port <netport>] - Original Base Port**

The original base port where the vlans existed prior to controller-replacement.

**[-vlan-tags <integer>,...] - Displaced VLANs**

The vlan-tags that were assigned to the network port prior to controller-replacement.

## Examples

The following example displays the displaced vlan-tag information.

```
cluster1::> cluster controller-replacement network displaced-vlans show
cluster controller-replacement network displaced-vlans show)
riginal
ode      Base Port VLANs
-----
-----
ode1     e0c          100,110,120,300,310,320
1 entry was displayed.
```

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