cluster controller-replacement commands

ONTAP 9.14.1 commands

NetApp
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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 vserver 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 vserver 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 vserver 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 displaces 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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