



cluster controller-replacement commands

ONTAP 9.10.1 commands

NetApp
September 27, 2022

Table of Contents

- cluster controller-replacement commands 1
 - cluster controller-replacement network displaced-interface delete 1
 - cluster controller-replacement network displaced-interface restore-home-node 1
 - cluster controller-replacement network displaced-interface show 2
 - cluster controller-replacement network displaced-vlans delete 3
 - cluster controller-replacement network displaced-vlans restore 4
 - cluster controller-replacement network displaced-vlans show 4

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 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)
original
ode      Base Port VLANs
-----
-----
ode1     e0c          100,110,120,300,310,320
1 entry was displayed.
```

Copyright Information

Copyright © 2022 NetApp, Inc. All rights reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means-graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system-without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

Trademark Information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.