Verify all LIFS are on home ports before upgrade

ONTAP 9

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During a reboot, some LIFs might have been migrated to their assigned failover ports. Before and after you upgrade a cluster, you must enable and revert any LIFs that are not on their home ports.

The network interface revert command reverts a LIF that is not currently on its home port back to its home port, provided that the home port is operational. A LIF's home port is specified when the LIF is created; you can determine the home port for a LIF by using the network interface show command.

1. Display the status of all LIFs: `network interface show`

   This example displays the status of all LIFs for a storage virtual machine (SVM).

```
cluster1::> network interface show -vserver vs0
            Logical    Status     Network            Current
Current Is
Vserver     Interface  Admin/Oper Address/Mask       Node          Port
Home
----------- ---------- ---------- ------------------ -------------
------- ----
vs0
            data001    down/down  192.0.2.120/24     node0         e0e
true
            data002    down/down  192.0.2.121/24     node0         e0f
true
            data003    down/down  192.0.2.122/24     node0         e2a
true
            data004    down/down  192.0.2.123/24     node0         e2b
true
            data005    down/down  192.0.2.124/24     node0         e0e
false
            data006    down/down  192.0.2.125/24     node0         e0f
false
            data007    down/down  192.0.2.126/24     node0         e2a
false
            data008    down/down  192.0.2.127/24     node0         e2b
false
8 entries were displayed.
```

   If any LIFs appear with a Status Admin status of down or with an Is home status of false, continue with the next step.

2. Enable the data LIFs: `network interface modify {-role data} -status-admin up`

```
cluster1::> network interface modify {-role data} -status-admin up
8 entries were modified.
```

3. Revert LIFs to their home ports: `network interface revert *`

   This command reverts all LIFs back to their home ports.

```
cluster1::> network interface revert *
8 entries were acted on.
```

4. Verify that all LIFs are in their home ports: `network interface show`

   This example shows that all LIFs for SVM vs0 are on their home ports.

```
cluster1::> network interface show -vserver vs0
            Logical    Status     Network            Current
Current Is
Vserver     Interface  Admin/Oper Address/Mask       Node          Port
Home
----------- ---------- ---------- ------------------ -------------
------- ----
vs0
            data001      up/up    192.0.2.120/24     node0         e0e
true
            data002      up/up    192.0.2.121/24     node0         e0f
true
            data003      up/up    192.0.2.122/24     node0         e2a
true
            data004      up/up    192.0.2.123/24     node0         e2b
true
            data005      up/up    192.0.2.124/24     node1         e0e
true
            data006      up/up    192.0.2.125/24     node1         e0f
true
            data007      up/up    192.0.2.126/24     node1         e2a
true
            data008      up/up    192.0.2.127/24     node1         e2b
true
8 entries were displayed.
```

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