



# **Verify all LIFS are on home ports before upgrade**

**ONTAP 9**

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# Verify all LIFS are on home ports before upgrade

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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