



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

**ONTAP 9**

aherbin  
April 30, 2021

This PDF was generated from [https://docs.netapp.com/us-en/ontap/upgrade/task\\_enabling\\_and\\_reverting\\_lifs\\_to\\_home\\_ports\\_preparing\\_the\\_ontap\\_software\\_for\\_the\\_update.html](https://docs.netapp.com/us-en/ontap/upgrade/task_enabling_and_reverting_lifs_to_home_ports_preparing_the_ontap_software_for_the_update.html) on May 08, 2021. Always check docs.netapp.com for the latest.

# Table of Contents

Verify all LIFS are on home ports before upgrade ..... 1

# 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
true          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
false         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.
```

## Copyright Information

Copyright © 2021 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.