



# **Verifying a successful switchback**

## **ONTAP MetroCluster**

Zachary Wambold  
April 03, 2021

This PDF was generated from [https://docs.netapp.com/us-en/ontap-metrocluster/manage/task\\_verify\\_a\\_successful\\_switchback.html](https://docs.netapp.com/us-en/ontap-metrocluster/manage/task_verify_a_successful_switchback.html) on September 24, 2021. Always check docs.netapp.com for the latest.

# Table of Contents

Verifying a successful switchback ..... 1

# Verifying a successful switchback

After performing the switchback, you want to confirm that all aggregates and storage virtual machines (SVMs) are switched back and online.

1. Verify that the switched-over data aggregates are switched back: `storage aggregate show`

In the following example, `aggr_b2` on node B2 has switched back:

```
node_B_1::> storage aggregate show
Aggregate      Size Available Used% State   #Vols  Nodes           RAID
Status
-----
...
aggr_b2        227.1GB    227.1GB    0% online      0 node_B_2  raid_dp,
mirrored,
normal

node_A_1::> aggr show
Aggregate      Size Available Used% State   #Vols  Nodes           RAID
Status
-----
...
aggr_b2        -          -          - unknown      - node_A_1
```

If the disaster site included unmirrored aggregates and the unmirrored aggregates are no longer present, the aggregate may show up with a State of unknown in the output of the `storage aggregate show` command. Contact technical support to remove the out-of-date entries for the unmirrored aggregates.

2. Verify that all sync-destination SVMs on the surviving cluster are dormant (showing an Admin State of stopped) and the sync-source SVMs on the disaster cluster are up and running: `vserver show -subtype sync-source`

```

node_B_1::> vservers show -subtype sync-source
                                Admin      Root
Name      Name
Vserver    Type      Subtype      State      Volume      Aggregate
Service Mapping
-----
...
vs1a      data      sync-source
                                running     vs1a_vol     node_B_2
file      file

aggr_b2

node_A_1::> vservers show -subtype sync-destination
                                Admin      Root
Name      Name
Vserver    Type      Subtype      State      Volume      Aggregate
Service Mapping
-----
...
cluster_A-vs1a-mc  data      sync-destination
                                stopped     vs1a_vol     sosb_
file      file

aggr_b2

```

Sync-destination aggregates in the MetroCluster configuration have the suffix "-mc" automatically appended to their name to help identify them.

3. Confirm that the switchback operations succeeded by using the metrocluster operation show command.

If the command output shows...	Then...
That the switchback operation state is successful.	The switchback process is complete and you can proceed with operation of the system.
That the switchback operation or switchback-continuation-agent operation is partially successful.	Perform the suggested fix provided in the output of the metrocluster operation show command.

You must repeat the previous sections to perform the switchback in the opposite direction. If site\_A did a switchover of site\_B, have site\_B do a switchover of site\_A.

## 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.