



Verifying the state of the MetroCluster configuration

ONTAP MetroCluster

Ivana Devine, Thom Illingworth
August 27, 2021

This PDF was generated from https://docs.netapp.com/us-en/ontap-metrocluster/upgrade/task_verify_the_state_of_the_mcc_configuration_mcc_expansion.html on September 24, 2021. Always check docs.netapp.com for the latest.

Table of Contents

Verifying the state of the MetroCluster configuration 1

Verifying the state of the MetroCluster configuration

You should identify the existing controllers and confirm the disaster recovery (DR) relationships between them, that the controllers are in normal mode, and that the aggregates are mirrored.

Steps

- 1. Display the details of the nodes in the MetroCluster configuration from any node in the configuration:

```
metrocluster node show -fields node,dr-partner,dr-partner-systemid
```

The following output shows that this MetroCluster configuration has a single DR group and one node in each cluster.

```
cluster_A::> metrocluster node show -fields node,dr-partner,dr-partner-
systemid

dr-group-id  cluster          node              dr-partner        dr-partner-
systemid
-----
1            cluster_A       controller_A_1    controller_B_1    536946192
1            cluster_B       controller_B_1    controller_A_1    536946165
2 entries were displayed.
```

- 2. Display the state of the MetroCluster configuration:

```
metrocluster show
```

The following output shows that the existing nodes in the MetroCluster configuration are in normal mode:

```
cluster_A::> metrocluster show
```

```
Configuration: two-node-fabric
```

Cluster	Entry Name	State
-----	-----	
Local: cluster_A	Configuration State	configured
	Mode	normal
	AUSO Failure Domain	auso-on-cluster-
disaster		
Remote: controller_B_1_siteB	Configuration State	configured
	Mode	normal
	AUSO Failure Domain	auso-on-cluster-
disaster		

3. Check the state of the aggregates on each node in the MetroCluster configuration:

```
storage aggregate show
```

The following output shows that the aggregates on cluster_A are online and mirrored:

```
cluster_A::> storage aggregate show
```

Aggregate	Size	Available	Used%	State	#Vols	Nodes
RAID Status						
-----	-----	-----	-----	-----	-----	-----
aggr0_controller_A_1_0	1.38TB	68.63GB	95%	online	1	
controller_A_1 raid_dp,mirrored						
controller_A_1_aggr1	4.15TB	4.14TB	0%	online	2	
controller_A_1 raid_dp,mirrored						
controller_A_1_aggr2	4.15TB	4.14TB	0%	online	1	
controller_A_1 raid_dp,mirrored						
3 entries were displayed.						
cluster_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.