



# **Link between Site A and Mediator down and Site B down**

ONTAP 9

aherbin  
April 29, 2021

# Table of Contents

Link between Site A and Mediator down and Site B down ..... 1

# Link between Site A and Mediator down and Site B down

## Determining the cause:

Check the status of Mediator from Site A.

## Example:

```
C1_cluster::*> snapmirror mediator show
Mediator Address Peer Cluster      Connection Status Quorum Status
-----
10.237.86.17      C2_cluster      unreachable      true

C1_cluster::*> snapmirror list-destinations

Source          Destination          Transfer      Progress
Relationship
Path            Type  Path            Status Progress      Updated      Id
-----
vs0:/cg/src_cg_1  XDP   vs1:/cg/dst_cg_1  OutOfSync    -            -
bba7d354-06f6-11eb-9138-005056acec19
```

## Check Site B connectivity:

```
C1_sti78-vsim-ucsl88a_cluster::*> cluster peer show
Peer Cluster Name      Cluster Serial Number Availability
Authentication
-----
C2_cluster              1-80-000011          Unavailable      ok
```

## Check the consensus status on SM-BC volume:

```
C1_cluster::*> volume show zrto_cg_894191_188b_RW1 -fields smbc-consensus
vserver volume          smbc-consensus
-----
vs0      zrto_cg_894191_188b_RW1  Awaiting-consensus
```

## Solution:

Complete the following steps to override SM-BC consensus and forcefully resume I/O on Site A:

1. Unmap the LUNs on Site A.

2. Issue the snapmirror release command using the `-force` and `override-smbc-consensus` option on Site A.
3. Remap the LUNs.
4. First, bring up Mediator, and then bring up the Site B nodes.
5. Resync the consistency group relationship using `snapmirror resync`.
6. After Site B is up, verify that the consistency group relationship is up and is in sync.
7. Perform a LUN rescan on the host to restore all paths to the LUNs.

## 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.