



# **Example of a stretch MetroCluster configuration with array LUNs**

## **ONTAP MetroCluster**

netapp-ivanad, ntap-bmegan, ranuk  
April 20, 2021

This PDF was generated from [https://docs.netapp.com/us-en/ontap-metrocluster/install-stretch/reference\\_example\\_of\\_a\\_stretch\\_mcc\\_configuration\\_with\\_array\\_luns.html](https://docs.netapp.com/us-en/ontap-metrocluster/install-stretch/reference_example_of_a_stretch_mcc_configuration_with_array_luns.html) on May 31, 2021. Always check docs.netapp.com for the latest.

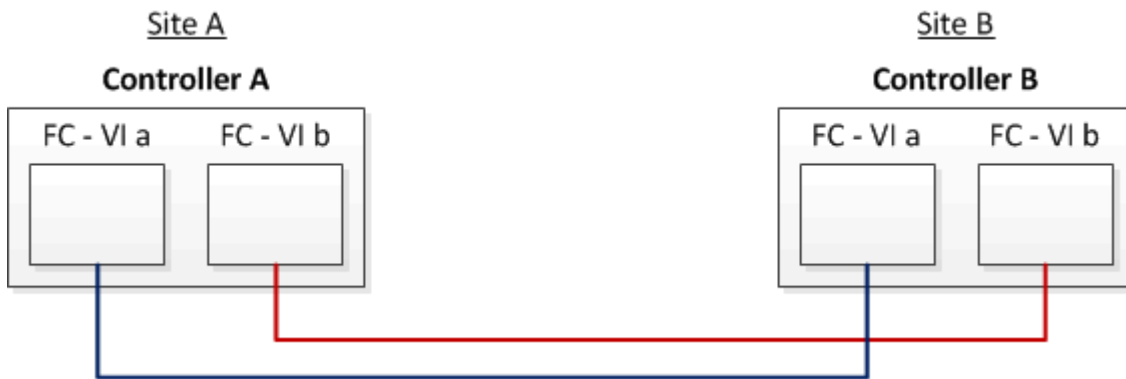
# Table of Contents

Example of a stretch MetroCluster configuration with array LUNs. . . . . 1

# Example of a stretch MetroCluster configuration with array LUNs

In a stretch MetroCluster configuration with array LUNs, you must cable the FC-VI ports for direct connectivity between the controllers. In addition, you must cable each controller's HBA ports to switch ports on the corresponding FC switches. Cabling to the array LUNs is the same as that in a fabric-attached MetroCluster, except for E-Series array LUNs, which can be directly connected.

The following illustration shows the FC-VI ports cabled across controllers A and B in a stretch MetroCluster configuration:



FAS9000 storage systems controller modules use four FC-VI ports each.

For configurations with E-Series array LUNs, you can directly attach the E-Series LUNs.

[Direct Attach support for Stretch MetroCluster Configuration with NetApp E-Series array](#)

Except for connecting the FC-VI ports, the rest of the procedure for setting up a MetroCluster configuration with array LUNs that are not using E-Series array LUNs requires FC switches and is the same as using array LUNs in fabric-attached configurations.

[Fabric-attached MetroCluster installation and configuration](#)

## 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.