



# **Support for FibreBridge 7500N bridges in MetroCluster configurations**

## **ONTAP MetroCluster**

aherbin, netapp-ivanad, ntap-bmegan  
April 12, 2021

This PDF was generated from [https://docs.netapp.com/us-en/ontap-metrocluster/maintain/concept\\_using\\_fibrebridge\\_7500n\\_bridges\\_in\\_mcc\\_configurations.html](https://docs.netapp.com/us-en/ontap-metrocluster/maintain/concept_using_fibrebridge_7500n_bridges_in_mcc_configurations.html) on April 28, 2021. Always check docs.netapp.com for the latest.

# Table of Contents

Support for FibreBridge 7500N bridges in MetroCluster configurations. . . . . 1

# Support for FibreBridge 7500N bridges in MetroCluster configurations

The FibreBridge 7500N bridge is supported as a replacement for the FibreBridge 6500N bridge or for when adding new storage to the MetroCluster configuration. The supported configurations have zoning requirements and restrictions regarding use of the bridge's FC ports and stack and storage shelf limits.



FibreBridge 6500N bridges are not supported in configurations running ONTAP 9.8 and later.

| Use case   | Zoning changes needed? | Restrictions   | Procedure  |
|--|------------------------|--|--|
| Replacing a single FibreBridge 6500N bridge with a single FibreBridge 7500N bridge   | No                     | The FibreBridge 7500N bridge must be configured exactly the same as the FibreBridge 6500N bridge, using a single FC port and attaching to a single stack. The second FC port on the FibreBridge 7500N must not be used.  | <a href="#">Hot-swapping a FibreBridge 6500N bridge with a FibreBridge 7600N or 7500N bridge</a> |
| Consolidating multiple stacks by replacing multiple pairs of FibreBridge 6500N bridges with a single pair of FibreBridge 7500N bridges | Yes                    | <p>In this case, you take the FibreBridge 6500N bridges out of service and replace them with a single pair of FibreBridge 7500N bridges. Each pair of FibreBridge 7500N or 7600N bridges can support up to four stacks.</p> <p>At the end of the procedure, both the top and bottom of the stacks must be connected to corresponding ports on the FibreBridge 7500N bridges.</p> | <a href="#">Replacing a pair of FibreBridge 6500N bridges with 7600N or 7500N bridges</a>        |

| Use case  | Zoning changes needed?   | Restrictions   | Procedure   |
|---|--|--|---|
| Adding new storage through adding a new pair of FibreBridge 7500N bridges | YesYou must add storage zones for each of the FC ports of the new bridges. | You must have available ports on the FC switch fabric (in a fabric-attached MetroCluster configuration) or on the storage controllers (in a stretch MetroCluster configuration).Each pair of FibreBridge 7500N or 7600N bridges can support up to four stacks. | <a href="#">Hot-adding a stack of SAS disk shelves and bridges to a MetroCluster system</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.