



Upgrading RCF files on MetroCluster IP switches

ONTAP MetroCluster

netapp-ivanad, netapp-martyh
April 21, 2021

This PDF was generated from https://docs.netapp.com/us-en/ontap-metrocluster/maintain/task_upgrade_rcf_files_on_mcc_ip_switches.html on May 31, 2021. Always check docs.netapp.com for the latest.

Table of Contents

Upgrading RCF files on MetroCluster IP switches 1

Upgrading RCF files on MetroCluster IP switches

You might need to upgrade an RCF file on a MetroCluster IP switch. For example, an ONTAP upgrade or a switch firmware upgrade both require a new RCF file.

If you are installing new switch firmware, you must install the switch firmware before upgrading the RCF file.

This procedure disrupts traffic on the switch where the RCF file is upgraded. Traffic will resume once the new RCF file is applied.

Steps

1. Verify the health of the configuration.
 - a. Verify that the MetroCluster components are healthy:

metrocluster check run

```
cluster_A::*> metrocluster check run
```

The operation runs in the background.

- a. After the **metrocluster check run** operation completes, run **metrocluster check show** to view the results.

After approximately five minutes, the following results are displayed:

```
-----
::*> metrocluster check show

Last Checked On: 4/7/2019 21:15:05

Component          Result
-----
nodes              ok
lifs               ok
config-replication ok
aggregates         warning
clusters           ok
connections        not-applicable
volumes            ok
7 entries were displayed.
```

- b. To check the status of the running MetroCluster check operation, use the command:

metrocluster operation history show -job-id 38

- c. Verify that there are no health alerts:

system health alert show

2. Prepare the IP switches for the application of the new RCF files.

Follow the steps in the section for your switch vendor from the *MetroCluster IP Installation and Configuration guide*.

[MetroCluster IP installation and configuration](#)

- *Resetting the Broadcom IP switch to factory defaults*
- *Resetting the Cisco IP switch to factory defaults*

3. Download and install the IP RCF file depending on your switch vendor.

Follow the steps in the section for your switch vendor from the *MetroCluster IP Installation and Configuration guide*.

[MetroCluster IP installation and configuration](#)

- *Downloading and installing the Broadcom IP RCF files*
- *Downloading and installing the Cisco IP RCF files*
 - a. Update the switches in the following order: Switch_A_1, Switch_B_1, Switch_A_2, Switch_B_2.

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.