



Guidelines for the snapdrive storage disconnect command

Snapdrive for Unix

NetApp
March 24, 2021

Table of Contents

- Guidelines for the snapdrive storage disconnect command 1
- Guidelines for using the disconnect command in a host cluster environment 1

Guidelines for the `snapdrive storage disconnect` command

Follow these guidelines when using the `snapdrive storage disconnect` command:

- When you disconnect a file system, SnapDrive for UNIX always removes the mountpoint.
- If you use the `-lun` option to specify the name of a LUN that is a member of either a host disk group, or a file system, the `snapdrive storage disconnect` command fails.
- If you use `-lun` option to specify the name of the LUN that is not discovered by multipathing software on the host, the `snapdrive storage disconnect` command fails.

Guidelines for using the `disconnect` command in a host cluster environment

Following are the guidelines for using `snapdrive storage disconnect` command in a host cluster environment:

- The `snapdrive storage disconnect` command can be executed from any node in the host cluster.
- For the storage disconnect operation to be successful, either of the following should be true:
 - The storage entities should be shared across all the nodes in the host cluster.
 - The LUNs should be mapped to all the nodes in the host cluster.
- You can disconnect a storage entity from a specific node using the `-devicetype dedicated` option or by omitting the `-devicetype` option in the command altogether, because the default value is `dedicated`.
- The `snapdrive storage disconnect` command gives an error if a shared storage entity or LUN is disconnected with `dedicated` option, or if a dedicated storage entity or LUN is disconnected with `shared` option.
- SnapDrive for UNIX executes the `snapdrive storage disconnect` command on the master node. It destroys the storage entities, disconnects the LUNs on all the nonmaster nodes, and then disconnects the LUNs from the master node in the host cluster. If any error message occurs during this sequence, the storage disconnect operation fails.

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.