



Restoring Snapshot copies on a destination storage system

Snapdrive for Unix

NetApp
March 24, 2021

Table of Contents

- Restoring Snapshot copies on a destination storage system 1
- Restoring multiple storage entities 1

Restoring Snapshot copies on a destination storage system

You can restore Snapshot copies on the storage system from which it is created.

When you create a Snapshot copy on a destination storage system, the Snapshot copy is automatically replicated, from the source system, where it is created to the destination storage system. SnapDrive for UNIX allows you to restore the Snapshot copy on the source storage system. You can also restore the Snapshot copy on the destination storage system.

If you are performing a single file snap restore in a SnapMirror relationship, then the source and destination volume names should not be the same. SnapDrive for UNIX displays the following error message if the source and destination volume name are the same:

```
0001-636 Command error: Snapdrive cannot restore LUNs on SnapMirror
destination filer volumes: <filer-vol-name>
```

In SnapDrive 4.0 for UNIX and later, if Role Based Access Control is enabled, then you can perform snap restore on vFiler unit only when you have the Snapshot Restore capability on the vFiler unit.

Related information

[Role-based access control in SnapDrive for UNIX](#)

Restoring multiple storage entities

You can restore a Snapshot copy that contains multiple storage entities.

To restore a Snapshot copy that contains storage entities that reside on multiple destination storage systems, you must meet the following requirements:

- The storage entities you specify at the command prompt must reside on a single storage system, or on a HA pair.
- The name of the volume of the source storage system must match the name of the volume of the destination storage system.
- You must set the `snapmirror-dest-multiple-filervolumes-enabled` argument in the `snapdrive.conf` file to on.

You can use one command to restore storage entities that reside on a single storage system or on a HA pair.

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.