



Back up file shares and disks

NetApp Keystone

Reenu Jojo, Manini Mandal
February 26, 2021

Table of Contents

- Back up file shares and disks 1
 - Create a backup object 1
 - Modify a backup object 1
 - Delete a backup object 2
 - Backup Restore 2

Back up file shares and disks

You can view and manage the Snapshots (backups or recovery points) of the volumes (file shares and disks) created in your environment to maintain multiple copies of primary file shares and disks remotely.

The replicated file shares and disks from different zones are stored on a dedicated backup storage VM (storage virtual machine, also known as SVM) on each cluster. Backups can be performed between two separate ONTAP clusters in different zones. The standard backup policies supported by NetApp Service Engine are:

- Adhoc
- Daily
- Weekly
- Monthly

If your volume does not follow the standard backup policies supported by NetApp Service Engine, you can [raise a service request](#) of the **Non Standard Volume** category to fix the issue.



An adhoc (non-scheduled) backup can be performed at any time, manually through the GUI or by using APIs.

You can view the list of Snapshots created for your file shares and disks on the **Backups** page. Backups are displayed based on the selected tenant.

Create a backup object

You can create Snapshots for your volumes by defining the backup policy when you [create a file share](#) or [create a disk](#).

Steps

1. Enable **Backup Policy**.
2. Specify the backup zone and the number of backups to be taken on an adhoc, daily, weekly, and/or monthly basis.
3. Click **Create**.



You can also create or schedule backups by editing the backup policy for an existing file share or disk.

Modify a backup object

For a selected backup object of a file share or disk, you can disable the backup or detach the backup object from its source and make it an orphan backup. This operation breaks the SnapMirror relationship with the source. You can also modify the number of backups to be taken on an adhoc, daily, weekly, and/or monthly basis.

Steps

1. Locate the backup in the list and click the edit icon, at the end of the row, for that object.

2. Make changes to the backup source and the number of each type of backup as required.
You can break the SnapMirror relationship with the source volume by changing the backup source to **None (orphaned)**. The backups are retained as orphan backups for restoration even when the source volumes are deleted. The state of the backup object changes, and the status of the source volume (orphan or deleted) is appended to the source volume name on the same list.
For information about object states, see [here](#)
3. Click **Done**.
The Snapshot is modified. If you have broken the SnapMirror relationship with the source, that is, orphaned the backup object, the name of the Source in the **Backups** tab appears as **deleted**.



You can also break the SnapMirror relationship with the source volume by disabling **Backup Policy** for the volume.

Delete a backup object

Delete an unused backup volume to increase your storage space.

Steps

1. Locate the backup in the list and click the delete icon, at the end of the row, for that object.
2. In the **Confirm Delete** dialog box, enter the backup name (source volume name) to confirm that you want to delete the backup object.
3. Click **Confirm**.



When a backup is deleted, all the recovery points for the backup are deleted. Also, even if you delete a primary file share or disk, the backup is retained as an orphan backup with all the recovery points for restoration. To delete the backup volume and recovery points of the deleted source, you should explicitly delete the backup object from the **Backups** tab.

Backup Restore

You can [raise a service request](#) to restore a file share or disk from a specific recovery point.

Steps

1. Select **SUPPORT** from the left navigation pane and select **Service Requests**.
2. Click **New Service Request**.
3. Select **Backup Restore** as the category for the service request.
4. Specify other details and proceed.

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.