

Managing backups for Cloud Volumes ONTAP and on-premises ONTAP systems

Cloud Manager

Tom Onacki, Ben Cammett
November 24, 2020

This PDF was generated from https://docs.netapp.com/us-en/occm/task_managing_backups.html on December 07, 2020. Always check docs.netapp.com for the latest.

Table of Contents

- Managing backups for Cloud Volumes ONTAP and on-premises ONTAP systems 1
 - Changing the schedule and backup retention..... 1
 - Starting and stopping backups of volumes 2
 - Deleting backups 3
 - Disabling Backup to Cloud 4

Managing backups for Cloud Volumes ONTAP and on-premises ONTAP systems

You can manage backups for Cloud Volumes ONTAP and on-premises ONTAP systems by changing the backup schedule, enabling/disabling volume backups, deleting backups, and more.


Changing the schedule and backup retention

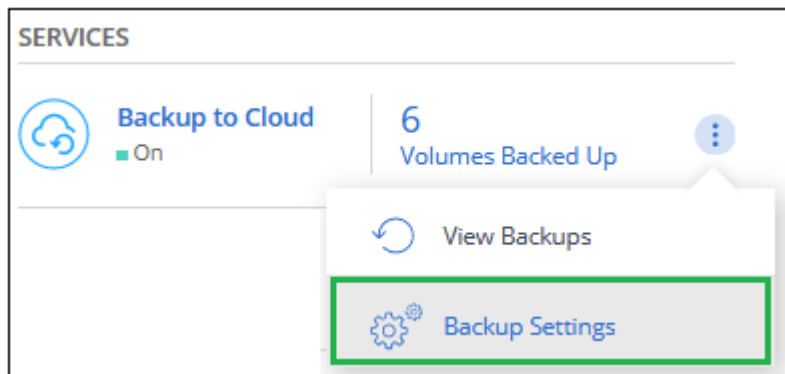
The default policy backs up volumes every day and retains the most recent 30 backup copies of each volume. You can change to weekly or monthly backups and you can change the number of backup copies to retain. You can also select one of the system-defined policies that provide scheduled backups for 3 months, 1 year, and 7 years.




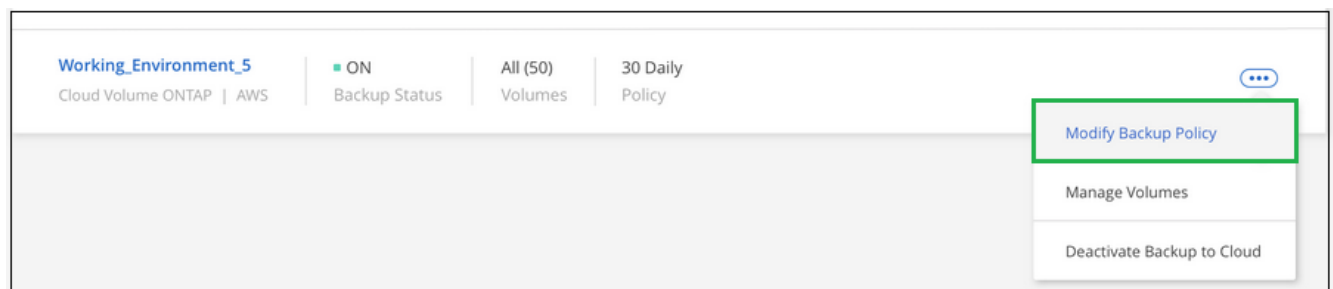
Changing the backup policy affects only new volumes created after you change the schedule. It doesn't affect the schedule for any existing volumes.

Steps

1. Select the working environment.
2. Click  and select **Backup Settings**.



3. From the *Backup Settings* page, click  for the working environment and select **Modify Backup Policy**.



4. From the *Modify Backup Policy* page, change the schedule and backup retention and then click **Save**.

Modify Backup Policy

Policy - Retention & Schedule

☒ Create a New Policy ☐ Select an Existing Policy

Backup Every: Day
Number of backups to retain: 30

Note: The new backup policy is only applied to volumes created after the change. The backup policy for existing volumes cannot be changed.

DP Volumes

Data protection volume backups use the same retention period as defined in the source SnapMirror relationship by default. Use the API if you want to change this value


Information

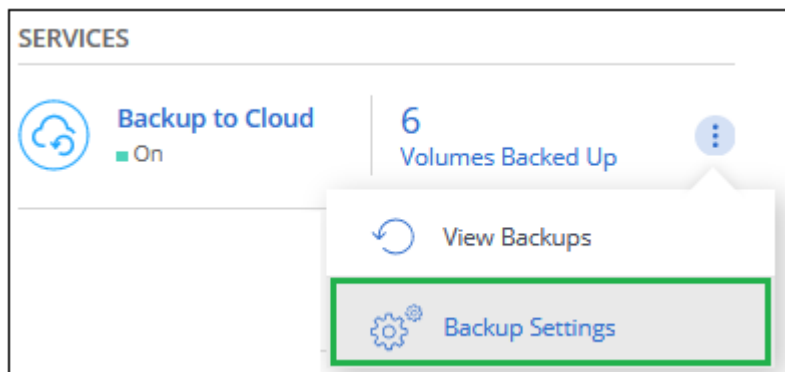
Backup_Bucket_Name
Bucket Name

Starting and stopping backups of volumes

You can stop backing up a volume if you do not need backup copies of that volume and you do not want to pay for the cost to store the backups. You can also add a new volume to the backup list if it is not currently being backed up.

Steps

1. Select the working environment.
2. Click  and select **Backup Settings**.



3. From the *Backup Settings* page, click  for the working environment and select **Manage Volumes**.

| | | | | |
|--|---------------------|---------------------|---|--|
| Working_Environment_1 On-Premises AZURE | ON Backup Status | All (57) Volumes | 30 Daily 13 Weekly 3 Monthly Policy | ... Modify Backup Policy Manage Volumes Deactivate Backup to Cloud |
| Working_Environment_2 Cloud Volume ONTAP Azure | ON Backup Status | All (50) Volumes | 30 Daily 13 Weekly 3 Monthly 1 Yearly Policy | |
| | | | | |

- Select the checkbox for volumes that you want to start backing up, and deselect the checkbox for volumes that you want to stop backing up.

| Manage Volumes | | | | | | |
|-------------------------------------|---------------|-------------|------------|---------------|--------------------|---------------|
| 57 Volumes 25 Selected Volumes | | | | | | |
| <input type="checkbox"/> | Volume Name | Volume Type | SVM Name | Used Capacity | Allocated Capacity | Volume Status |
| <input type="checkbox"/> | Volume_Name_1 | RW | SVM_Name_1 | 2.25 TB | 10 TB | Active |
| <input type="checkbox"/> | Volume_Name_2 | RW | SVM_Name_2 | 2.25 TB | 10 TB | Active |
| <input checked="" type="checkbox"/> | Volume_Name_3 | RW | SVM_Name_3 | 2.25 TB | 10 TB | Active |
| <input type="checkbox"/> | Volume_Name_4 | DP ⓘ | SVM_Name_4 | 2.25 TB | 10 TB | Active |

Note: When stopping a volume from being backed up you'll continue to be charged by your cloud provider for object storage costs for the capacity that the backups use unless you [delete the backups](#).

Deleting backups

Backup to Cloud enables you to delete *all* backups of a specific volume. You can't delete *individual* backups. You might do this if you no longer need the backups or if you deleted the source volume and want to remove all backups.

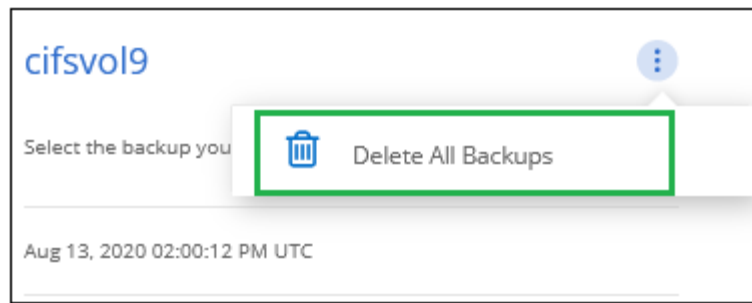
Note that deleting all backups also disables any further backups of this volume. If you later want to start creating backups of that volume, you can re-enable backups [as described here](#).



If you plan to delete a Cloud Volumes ONTAP or on-premises ONTAP system that has backups, you must delete the backups **before** deleting the system. Backup to Cloud doesn't automatically delete backups when you delete a system, and there is no current support in the UI to delete the backups after the system has been deleted.

Steps

- At the top of Cloud Manager, click **Backup**.
- From the volume list, find the volume and click **View Backup List**.
- Click ... and select **Delete All Backups**.




4. In the confirmation dialog box, click **Delete**.

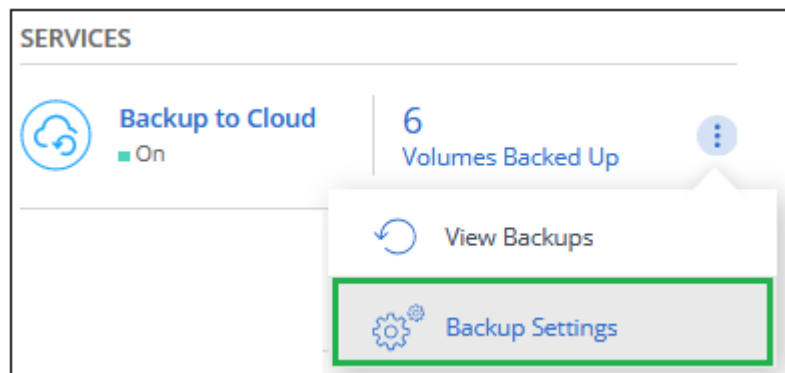
Disabling Backup to Cloud


Disabling Backup to Cloud for a working environment disables backups of each volume on the system, and it also disables the ability to restore a volume. Any existing backups will not be deleted.

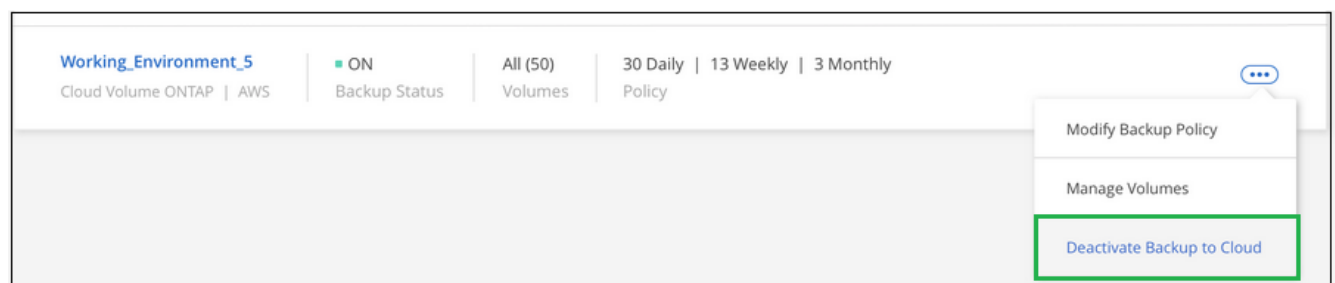
Note that you'll continue to be charged by your cloud provider for object storage costs for the capacity that your backups use unless you delete the backups.

Steps

1. Select the working environment.
2. Click  and select **Backup Settings**.



3. From the *Backup Settings* page, click  for the working environment and select **Deactivate Backup to Cloud**.



4. In the confirmation dialog box, click **Deactivate**.

Copyright Information

Copyright © 2020 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.