



Create a service account for data tiering and backups

Cloud Manager

Ben Cammett
February 08, 2021

This PDF was generated from https://docs.netapp.com/us-en/occm/task_creating_gcp_service_account.html on February 28, 2021. Always check docs.netapp.com for the latest.

Table of Contents

Create a service account for data tiering and backups 1

Create a service account for data tiering and backups

Cloud Volumes ONTAP requires a Google Cloud service account for two purposes. The first is when you enable [data tiering](#) to tier cold data to low-cost object storage in Google Cloud. The second is when you enable the [Cloud Backup Service](#) to back up volumes to low-cost object storage.

Cloud Volumes ONTAP uses the service account to access and manage one bucket for tiered data and another bucket for backups.

You can set up one service account and use it for both purposes. The service account must have the **Storage Admin** role.

Steps

1. In the Google Cloud console, [go to the Service accounts page](#).
2. Select your project.
3. Click **Create service account** and provide the required information.
 - a. **Service account details:** Enter a name and description.
 - b. **Grant this service account access to project:** Select the **Storage Admin** role.

Create service account

✓ Service account details

2 Grant this service account access to project (optional)
Grant this service account access to OCCM-Dev so that it has permission to complete specific actions on the resources in your project. [Learn more](#)

Select a role

Condition

storage admin

Cloud ML Service Agent
Cloud ML service agent can act as log writer, Cloud Storage admin, Artifact Registry Reader, BigQuery writer, and service account access token creator.

Storage Admin
Full control of GCS resources.

Storage HMAC Key Admin
Full control of GCS HMAC Keys.

Storage Object Admin
Full control of GCS objects.

MANAGE ROLES

3

DONE

- c. **Grant users access to this service account:** Add the Connector service account as a *Service Account User* to this new service account.

This step is required for data tiering only. It's not required for the Cloud Backup Service.

Create service account

✓ Service account details

|

✓ Grant this service account access to project (optional)

|

3 Grant users access to this service account (optional)

Grant access to users or groups that need to perform actions as this service account. [Learn more](#)

Service account users role

netapp-cloud-manager@iam.gserviceaccount.com ✕ ?

Grant users the permissions to deploy jobs and VMs with this service account

Service account admins role ?

Grant users the permission to administer this service account

DONE

CANCEL

What's next?

You'll need to select the service account later when you create a Cloud Volumes ONTAP working environment.

Details and Credentials

default-project

Google Cloud Project

gcp-sub2

Marketplace Subscription

Edit Project

Details

Working Environment Name (Cluster Name)

cloudvolumesontap

Service Account ⓘ



Service Account Name

account1



Add Labels

Optional Field | Up to four labels

Credentials

User Name

admin

Password

Confirm Password

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.