



# **Google Cloud 凭据**

## **Set up and administration**

NetApp  
June 02, 2022

# 目录

- Google Cloud 凭据 ..... 1
  - Google Cloud 项目，权限和帐户 ..... 1
  - 管理 Cloud Manager 的 GCP 凭据和订阅 ..... 2

# Google Cloud 凭据

## Google Cloud 项目，权限和帐户

通过服务帐户，Cloud Manager 可以部署和管理与 Connector 位于同一项目或不同项目中的 Cloud Volumes ONTAP 系统。

### Cloud Manager 的项目和权限

在 Google Cloud 中部署 Cloud Volumes ONTAP 之前，必须先在 Google Cloud 项目中部署 Connector。Connector 不能在您的内部环境或其他云提供商中运行。

在直接从 Cloud Manager 部署 Connector 之前，必须具有两组权限：

1. 您需要使用有权从 Cloud Manager 启动 Connector VM 实例的 Google 帐户部署 Connector。
2. 部署 Connector 时，系统会提示您选择 **"服务帐户"** VM 实例。Cloud Manager 可从服务帐户中获得代表您创建和管理 Cloud Volumes ONTAP 系统的权限。权限可通过将自定义角色附加到服务帐户来提供。

我们设置了两个 YAML 文件，其中包括用户和服务帐户所需的权限。["了解如何使用 YAML 文件设置权限"](#)。

下图显示了上面编号 1 和 2 中所述的权限要求：



### Cloud Volumes ONTAP 项目

Cloud Volumes ONTAP 可以与 Connector 位于同一项目中，也可以位于不同项目中。要在其他项目中部署 Cloud Volumes ONTAP，您需要先将 Connector 服务帐户和角色添加到该项目中。

- ["了解如何设置服务帐户"](#)
- ["了解如何在 GCP 中部署 Cloud Volumes ONTAP 并选择项目"](#)

# 管理 Cloud Manager 的 GCP 凭据和订阅

您可以管理与 Connector VM 实例关联的凭据。

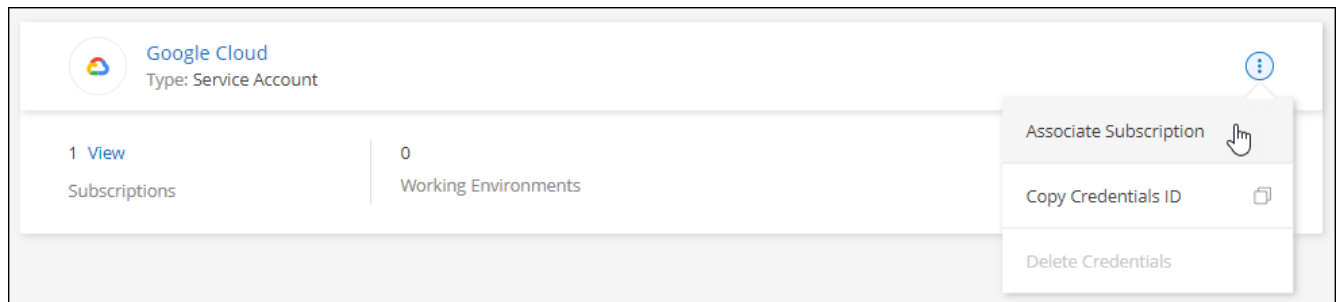
## 将 Marketplace 订阅与 GCP 凭据关联

在 GCP 中部署 Connector 时，Cloud Manager 会创建一组与 Connector VM 实例关联的默认凭据。这些凭据是 Cloud Manager 用于部署 Cloud Volumes ONTAP 的凭据。

您可以随时更改与这些凭据关联的 Marketplace 订阅。通过订阅，您可以创建按需购买的 Cloud Volumes ONTAP 系统并使用其他 NetApp 云服务。

### 步骤

1. 在 Cloud Manager 控制台的右上角，单击设置图标，然后选择 \* 凭据 \*。
2. 单击一组凭据的操作菜单，然后选择 \* 关联订阅 \*。



3. 从下拉列表中选择 Google Cloud 项目和订阅。



4. 单击 \* 关联 \*。
5. 如果您尚未订阅，请单击 \* 添加订阅 \*，然后按照以下步骤创建新订阅。



在完成以下步骤之前，请确保您在 Google Cloud 帐户中同时拥有计费管理员权限，并同时拥有 NetApp Cloud Central 登录权限。

6. 查看订阅步骤并单击 \* 继续 \*。

## Add Subscription

---

### Subscription Steps:

- 1 Cloud Manager**  
Clicking **Continue** to create your subscription from the Google Cloud Marketplace.
- 2 Google Cloud Marketplace**  
Subscribe and then then click **Register With NetApp** to configure your account from Cloud Central.
- 3 Cloud Central**  
Save your subscription.
- 4 Cloud Manager**  
Associate the Marketplace subscription with your Google Cloud project.

 View video instructions

---

Continue

Cancel

7. 重定向到后 "Google Cloud Marketplace 上的 NetApp Cloud Manager 页面", 确保在顶部导航菜单中选择了正确的项目。

 Google Cloud Platform 





## Cloud Manager for Cloud Volumes ONTAP

NetApp, Inc.

Enterprise-grade data management and protection

[SUBSCRIBE](#)

[OVERVIEW](#) [PRICING](#) [SUPPORT](#)

### Overview

Cloud Volumes ONTAP is a data-management layer that runs natively on Google Cloud infrastructure enabling enhanced control, data protection, mobility and agility for business application data. Get consistent enterprise-grade storage across your hybrid cloud platforms with built-in disaster recovery, backup and ransomware protection. Seamlessly migrate enterprise applications without reengineering. Create company-wide file shares with simultaneous NFS and CIFS/SMB access and iSCSI block storage for GCE instances with scalability up to 368TB. Automate persistent storage provisioning for your Kubernetes clusters. Accelerate CI/CD cycles with instant, zero-capacity data replication. Reduce storage costs by 70% with advanced storage efficiencies. Cloud Manager is the console used to deploy, manage and automate Cloud Volumes ONTAP instances across the hybrid multi-cloud.

[Learn more](#)

### Additional details

Type: [APIs & services](#)

Last updated: 3/26/21

Category: [Storage](#)

Runs on: NetApp, Inc. Cloud Servers

- 单击 \* 订阅 \*。
- 选择相应的计费帐户并同意条款和条件。

## 2. Purchase details

Select a billing account \*  
Secondary\_Billing\_Account

## 3. Terms

### Cancellation and change policy

- Usage fee is billed every month.
- You can cancel the service at any time and it will take effect immediately. You will be billed by the amount you used for that month.

### Additional terms

- ☒ I understand this subscription will be automatically renewed at the end of the current term.
- ☒ I authorize Google LLC and its affiliates ("Google") to share my purchase, usage, operational (e.g., project lifecycle events), support ticket, and account information with NetApp, Inc., its affiliates and subcontractors, for the purposes of providing the service, sales attribution, and technical support. I represent that I have the authority to bind my company.
- ☒ By deploying the software or accessing the service you are agreeing to comply with the [End User License Agreement](#), [GCP Marketplace Terms of Service](#), and the terms of applicable open source software licenses bundled with the software or service. Please review these terms and licenses carefully for details about any obligations you may have related to the software or service. To the limited extent an open source software license related to the software or service expressly supersedes the GCP Marketplace Terms of Service, that open source software license governs your use of that software or service.
- By using this product, you understand that certain account and usage information may be shared with NetApp, Inc. for the purposes of financial accounting, sales attribution, performance analysis, and support.
- Google is providing this software or service "as-is" and any support for this software or service will be provided by NetApp, Inc. under their terms of service.

SUBSCRIBE

10. 单击 \* 订阅 \*。

此步骤会将您的传输请求发送给 NetApp。

11. 在弹出对话框中，单击 \* 向 NetApp， Inc. 注册 \* 以重定向到 NetApp Cloud Central。



要将 GCP 订阅链接到您的 NetApp 帐户，必须完成此步骤。只有在从此页面重定向并登录到 NetApp Cloud Central 后，链接订阅的过程才会完成。

12. 重定向到 Cloud Central 后，登录到 NetApp Cloud Central 或注册，然后单击 \* 完成 \* 继续。

GCP 订阅将链接到与您的用户登录关联的所有 NetApp 帐户。



如果贵组织的某个用户已从您的计费帐户订阅 NetApp Cloud Manager 订阅，则您将重定向到 "NetApp Cloud Central 上的 Cloud Volumes ONTAP 页面" 而是。如果这是意外情况，请联系您的 NetApp 销售团队。Google 仅为每个 Google 计费帐户启用一个订阅。


13. 完成此过程后，导航回 Cloud Manager 中的凭据页面并选择此新订阅。




Google Cloud Project

OCCM-Dev

Subscription

 GCP subscription for staging

 Add Subscription

## 版权信息

版权所有©2022 NetApp、Inc.。保留所有权利。Printed in the U.S.版权所涵盖的本文档的任何部分不得以任何形式或任何手段复制、包括影印、录制、磁带或存储在电子检索系统中—未经版权所有者事先书面许可。

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

本软件由NetApp按"原样"提供、不含任何明示或默示担保、包括但不限于适销性和特定用途适用性的默示担保、特此声明不承担任何任何责任。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).

## 商标信息

NetApp、NetApp标识和中列出的标记 <http://www.netapp.com/TM> 是NetApp、Inc.的商标。其他公司和产品名称可能是其各自所有者的商标。