



Google Cloud 凭据

Set up and administration

NetApp
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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

ContinueCancel

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

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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.
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- 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

对 Marketplace 订阅过程进行故障排除

有时，通过 Google 云市场订阅 Cloud Volumes ONTAP 可能会由于权限不正确或在重定向到 NetApp Cloud Central 后意外地变得支离破碎。如果发生这种情况，请按照以下步骤完成订阅过程。

步骤

- 1. 导航到 "Google Cloud Marketplace 上的 NetApp Cloud Manager 页面" 以检查订单的状态。如果页面显示 * 在提供商上管理 * ，请向下滚动并单击 * 管理订单 * 。

Pricing

The product was purchased on 12/9/20.

MANAGE ORDERS

- a. 如果订单显示绿色复选标记，这是意外的，则使用同一计费帐户的组织中的其他人可能已订阅。如果这是意外情况，或者您需要此订阅的详细信息，请联系您的 NetApp 销售团队。

Filter Enter property name or value

Status	Order number	Plan	Discount	Start date	Plan duration	End date	Payment Schedule	Auto-renew	Next plan	
<div></div>	2eebbc... <div></div>	Cloud Manager	-	10/21/21	1 month	-	Postpay	N/A	N/A	<div></div>

- b. 如果订单显示时钟和 * 待定 * 状态，请返回到 Marketplace 页面并选择 * 在提供商上管理 * 以完成上述流程。

Filter Enter property name or value

Status	Order number	Plan	Discount	Start date	Plan duration	End date	Payment Schedule	Auto-renew	Next plan	
<div></div>	d56c66... <div></div>	Cloud Manager	-	Pending	1 month	Pending	Postpay	N/A	N/A	<div></div>

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