



Cloud Access Manager 8.1.4

How to Configure Google Apps

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Legend

-  **WARNING:** A WARNING icon indicates a potential for property damage, personal injury, or death.
-  **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.
-  **IMPORTANT, NOTE, TIP, MOBILE, or VIDEO:** An information icon indicates supporting information.

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Introduction

This guide describes how to configure Google Apps for use with Cloud Access Manager provisioning.

Prerequisites

Ensure that the following prerequisites are met before configuring Google Apps provisioning in Cloud Access Manager.

You will need:

- a. Access to the Google Developer Console, this is available to anyone with a Google account.
- b. A Google Apps domain.

Create a Google service account

To create a Google service account

1. Go to the Google Developers Console (<https://console.developers.google.com>) and log in if required.
2. Create a new project named **CAM Prov**.
3. Select **Google APIs**, and then under **Google Apps APIs**, click **Admin SDK** and then **Enable**.
4. Select **Go to Credentials**, then click **service account**.
5. Click **Create Credentials**, select **Service account key** and save your downloaded JSON file. You will need this when you configure Cloud Access Manager.
6. In **Service accounts**, click **Edit** on your **Service account name**.
7. In **Edit service account**, select **Enable Google Apps Domain-Wide Delegation** and then **Save**.

NOTE: Domain-wide delegation needs to be enabled for the Service Account before the Client Id is accepted in the Authorized API Clients list within the Google Apps Business site.
8. Select your **Service Account** and then click **View Client ID**, copy the **Client ID**, you will need this to grant access to your Google Apps domain.

Configuring access to the domain

To configure access to the domain

1. Go to the Admin console for your Google Apps domain.
2. Select **Security**.
3. If **Advanced settings** is not displayed, click **Show more** and then click **Advanced Settings**.
4. Under **Authentication** click **Manage API client access**.
5. Paste the **Client ID** from the Service Account into the **Client Name** textbox.
6. In the **One or More API Scopes** textbox enter <https://www.googleapis.com/auth/admin.directory.user> and then click **Authorize**.

Configuring Cloud Access Manager

To configure Cloud Access Manager

1. Log in to the Cloud Access Manager Administration Console using the desktop shortcut **Cloud Access Manager Application Portal** and select **View and Edit** from Applications.
2. Choose **Edit Application** for your **Google Apps** application and then **User Provisioning**.
3. Select **Enable Provisioning to Google Apps?**
4. Complete **Your Google Domain Name**.
5. Import the **Google Service Account Email address** and the **Google Service Account Private Key** from the JSON file downloaded when you created the service account.
6. Enter a **Google Service Account Username** with appropriate privileges to perform the provisioning task; this user will be impersonated by the service account.

7. Click **Test Connection** to check all has been configured correctly.

Google Apps Provisioning

Cloud Access Manager can create users at Google Apps if they do not already exist.

Enable Provisioning to Google Apps?

Your Google Apps Domain Name

googledomain.com

Google Apps Service Account Email Address

3637823467-o3n4ndhfh4h5nfh4peywyur49340@developer.gsmek

Google Apps Service Account Username

admins@googledomain.com

Google Apps Service Account Private Key

```
-----BEGIN PRIVATE KEY-----  
DHSInSHDJnAE6SIDNjdhdhisSDHDJAHkdhisS538HSKAJDFBAhdgsEbEhljshUSPS  
NakdDHSInSHDJnAE6SIDNjdhdhisSDHDJAHkdhisS538HSKAJDFBAhdgsE+bEhljs  
hUSPSNakdDHSInSHDJnAE6SIDNjdhdhisSDHDJAHkdhisS538HSKAJDFBAhdgsE  
bEhljshUSPSNakdDHSInSHDJnAE6SIDNjdhdhisSDHDJAHkdhisS538HSKAJDFBA
```

Import private key and email from a json file

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One Identity solutions eliminate the complexities and time-consuming processes often required to govern identities, manage privileged accounts and control access. Our solutions enhance business agility while addressing your IAM challenges with on-premises, cloud and hybrid environments.

Contacting us

For sales or other inquiries, visit <https://www.oneidentity.com/company/contact-us.aspx> or call +1-800-306-9329.

Technical support resources

Technical support is available to One Identity customers with a valid maintenance contract and customers who have trial versions. You can access the Support Portal at <https://support.oneidentity.com/>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to videos at www.YouTube.com/OneIdentity
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product