

Google Drive Connector

[Recommended] Service Account Setup

This section walks through setting up the Google Drive connector using a Service Account. More info on Service Accounts can be found [here](#). A Google Workspace is required.

If you'd rather use an individuals account + OAuth to access Google Drive, checkout the section [here](#).

Authorization

1. Create a **Google Cloud Project**

<https://console.cloud.google.com/projectcreate>

2. Enable the **Google Drive API**, the **Admin SDK API**, the **Google Docs API**, and the **Google Sheets API**

On the left panel, open **APIs & services**

Go to **Enabled APIs and services**

On the top click **+ENABLE APIS AND SERVICES**

Search for **Google Drive API** and click **ENABLE**

Alternatively visit this [link](#), select your project and enable the **Google Drive API**

3. Enable the **Admin SDK API**

Click on **+ENABLE APIS AND SERVICES** again.

Search for **Admin SDK API** and click **ENABLE**

Alternatively visit this [link](#), select your project and enable the **Admin SDK API**

4. Enable the **Google Sheets API**

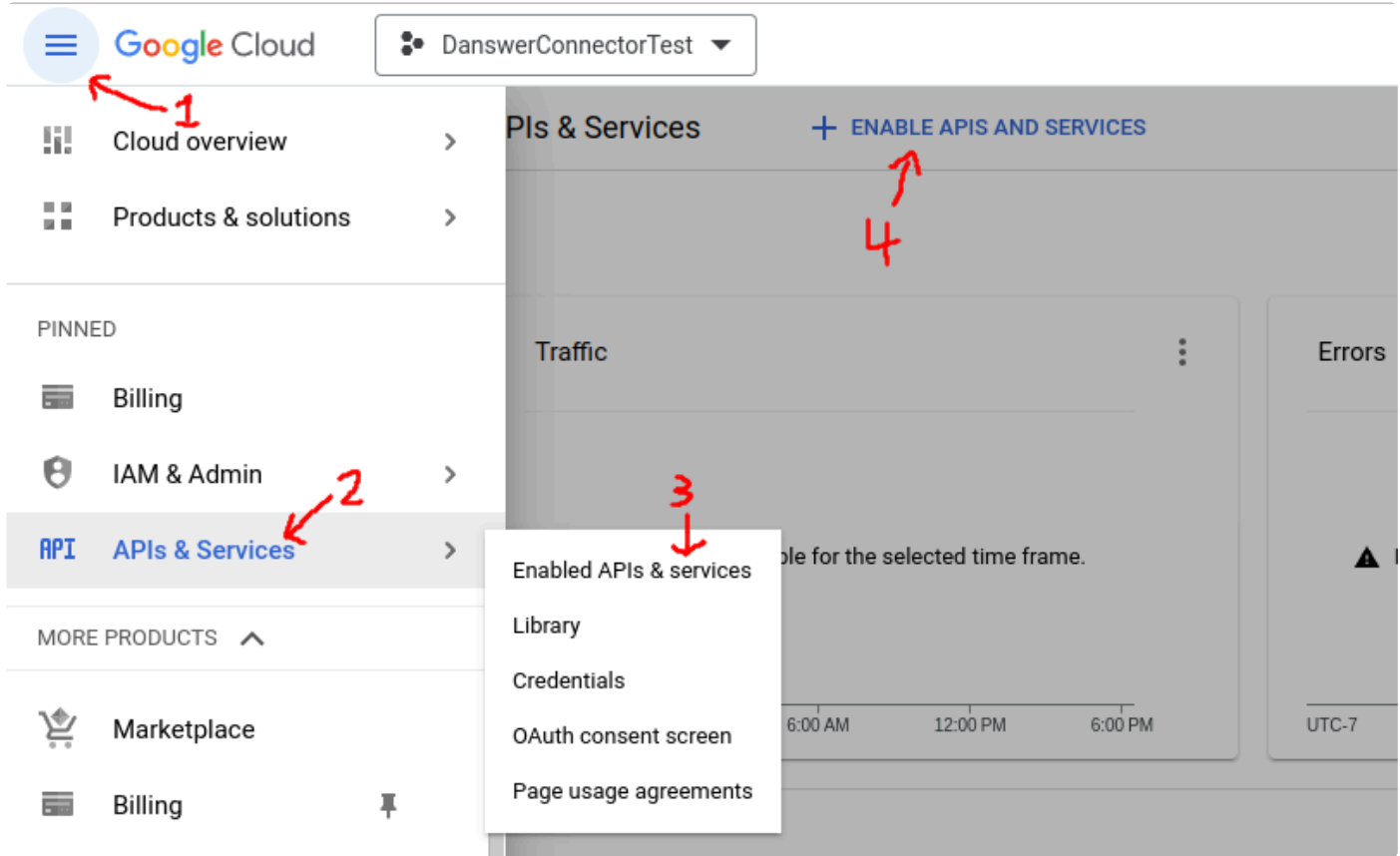
Click on **+ENABLE APIS AND SERVICES** again.

Search for **Google Sheets API** and click **ENABLE**

Alternatively visit this [link](#), select your project and enable the **Google Sheets API**

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Alternatively visit this [link](#), select your project and enable the **Google Docs API**



6. Create a **Service Account**

Go to the [Service Account management page](#) in Google Cloud.

Click **Create Service Account** button and fill out the fields in step 1. You can ignore steps 2 and 3.

Go to the **Keys** section, and click **Add Key**. Download this key, you will need to upload to to Onyx later.

Note for Google Organizations created after April 2024:

to give the service account the proper permissions you will have to navigate to this [link](#)

Then select **Manage**, select **Override parent's policy** and then select **Not enforced** under **Rules**.

Finally, select **SET POLICY**



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7. Give this **Service Account** read-only access to Google Drive

Copy the **Unique ID** of the Service Account

Go to the [Domain-wide Delegation page](#) in the Google Admin Console.

Click **Add new**, fill in the client ID with the **Unique ID** of the Service account

Copy this comma separated list of scopes and pasted it into field **OAuth scopes** :

`https://www.googleapis.com/auth/drive.readonly,https://www.googleapis.com/auth/drive.metadata.readonly,https://www.googleapis.com/auth/admin.directory.group.readonly,https://www.googleapis.com/auth/admin.directory.user.readonly`



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Indexing

First, navigate to the Admin Dashboard and select the Google Drive connector.

Then, create a new credential, then upload the key you downloaded in step 6. For the **Primary Admin Email**, use the email of a user that:

- Has access to **Drive and Docs** in Google Workspace

- Has the following admin permissions:

 - Admin console privileges → Services → Drive and Docs → Settings

 - Admin API privileges → Users → Read

 - Admin API privileges → Groups → Read

 - Admin API privileges → Organization Units → Read

This can either be an existing admin, or a brand new account created specifically for Onyx (e.g. **onyx-robot@your-domain.com**). Note that this should *NOT* be the service account email. This can be configured by an admin in the admin panel of the Google Workspace under Account > Admin roles.




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Step 1: Provide your Credentials

To connect your Google Drive, create credentials (either OAuth App or Service Account), download the JSON file, and upload it below.

[View detailed setup instructions](#)

 danswerreadonly@danswertest-396603.iam.gserviceac...

Delete Credentials

Step 2: Authenticate with Onyx

Primary Admin Email:

Enter the email of an admin/owner of the Google Organization that owns the Google Drive(s) you want to index.

onyx-robot@your-domain.com

Create Credential

Click **Create Credential**, and then close the dialog. From there, click the **Continue** button and configure the connector!

[< Overview](#)

[OAuth Setup >](#)

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