



# Documents server Google Drive

**Configuration: Authentication data for  
Digdash  
(service account + P12 file)**

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## I. CONTEXT

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This document explains how to get authentication information that Digdash needs to connect to a Google Drive account.

We need the following information:

- Service account
- P12 file

## II. PREREQUISITES

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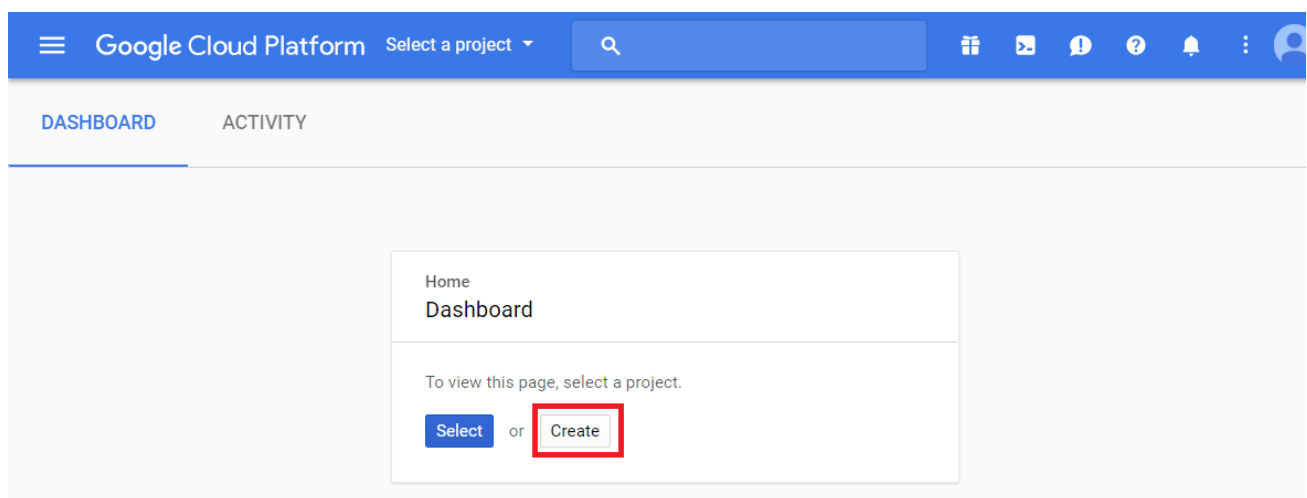
- Être client de G Suite ou Cloud Identity
- Être détenteur d'une ressource Organisation activé sur votre domaine.

### III. CREATING A NEW PROJECT

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Go to your Google Cloud console at:

<https://console.cloud.google.com/projectselector/home/dashboard?supportedpurview=project>

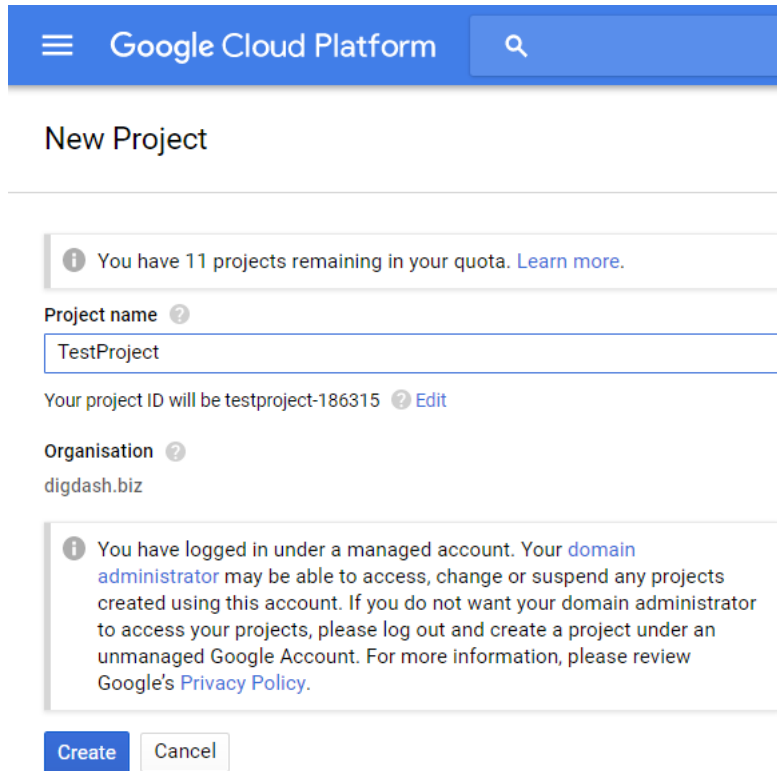


You can either select an existing project or create a new project.

We are going to focus on the creation.


Then click on **Create**.

The next screen allows you to define the project. Give it a name and choose its associated Organization. Then click on **Create**.



The screenshot shows the Google Cloud Platform interface for creating a new project. At the top, there is a blue header with the Google Cloud Platform logo and a search bar. Below the header, the title 'New Project' is displayed. A notification box indicates that the user has 11 projects remaining in their quota. The 'Project name' field is set to 'TestProject', and the project ID is shown as 'testproject-186315'. The 'Organisation' is set to 'digdash.biz'. A second notification box provides information about managed accounts and domain administrators. At the bottom, there are 'Create' and 'Cancel' buttons.

Please wait for a few seconds, the creation takes a few seconds.

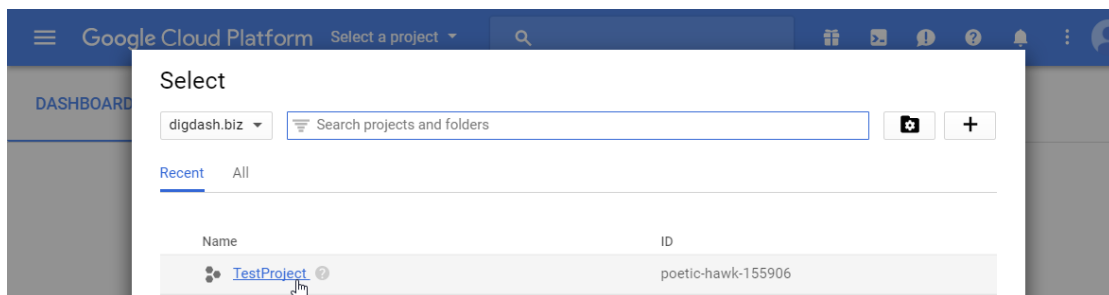
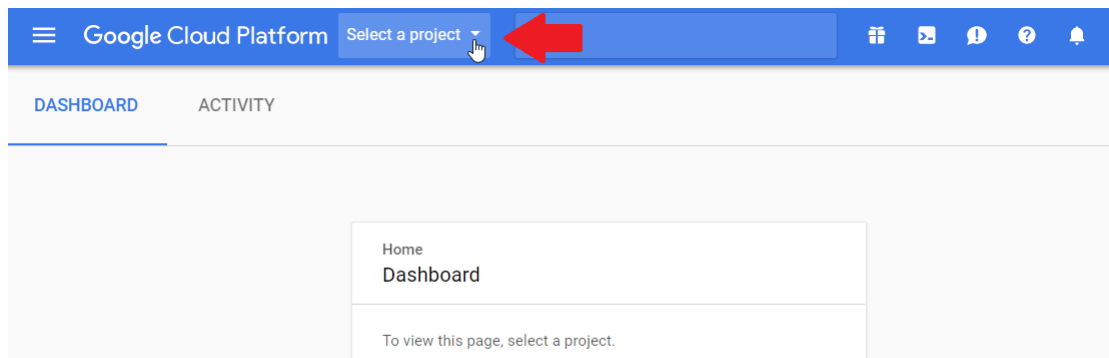
	<p>The Organization resource is the root node in the Google Cloud Platform resource hierarchy and is the hierarchical super node of projects. A project is then defined after an Organization and the choice is definitive.</p>
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## IV. ACTIVATING GOOGLE DRIVE API

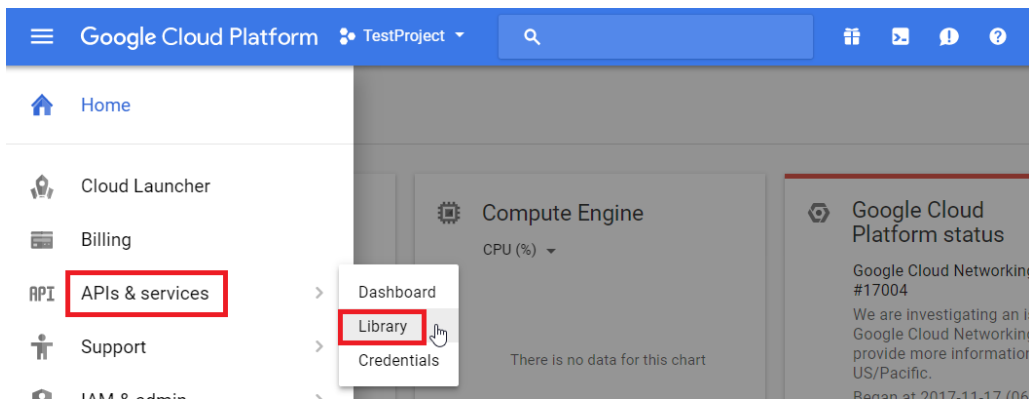
Go to your Google Cloud console at:

<https://console.cloud.google.com/projectselector/home/dashboard?supportedpurview=project>

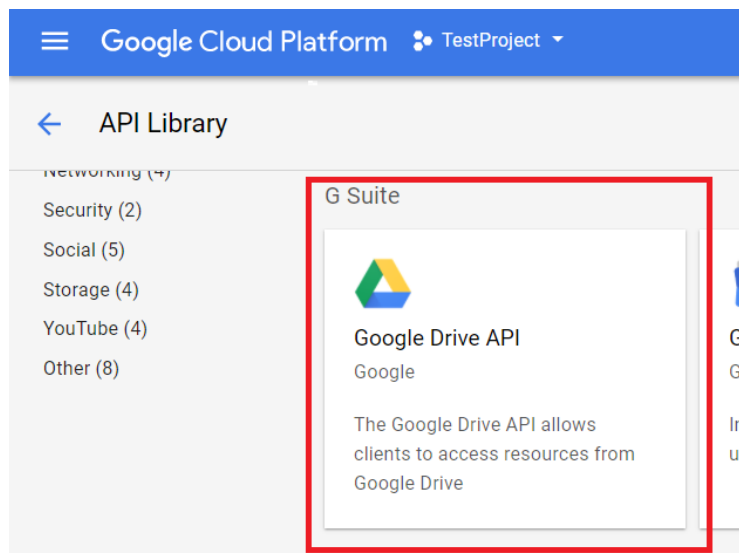
Select the new project we just created.



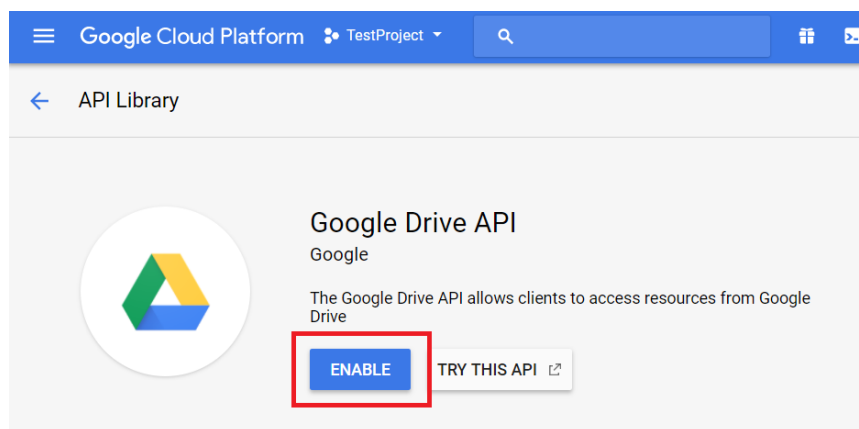
In the left side bar, go to **API & services > Library**



Get down on the page to find **G Suite > Google Drive API**. Click on it.



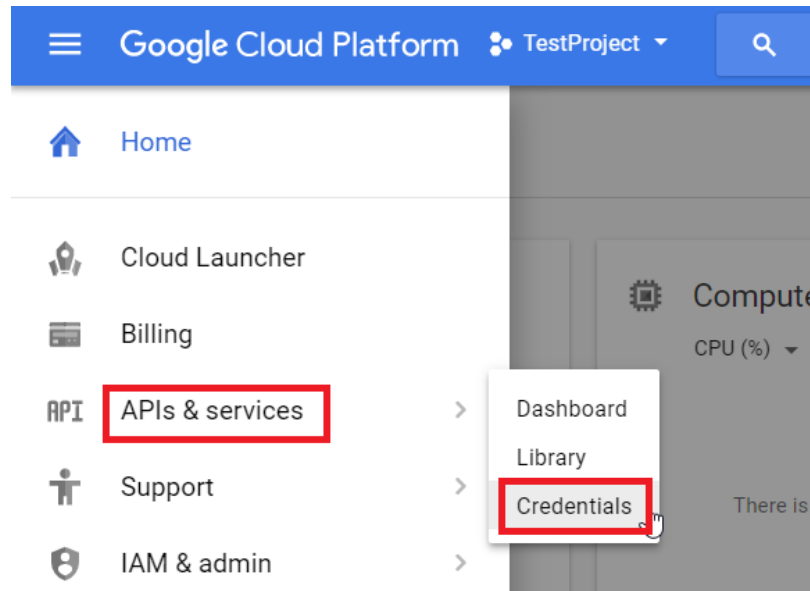
In the next screen, click on **Enable**.



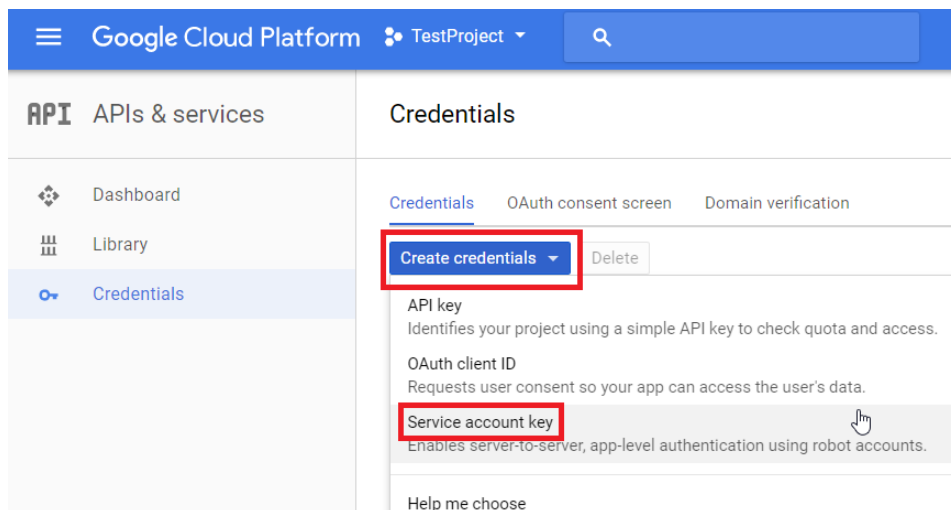


## V. CREATING A SERVICE ACCOUNT AND A P12 FILE

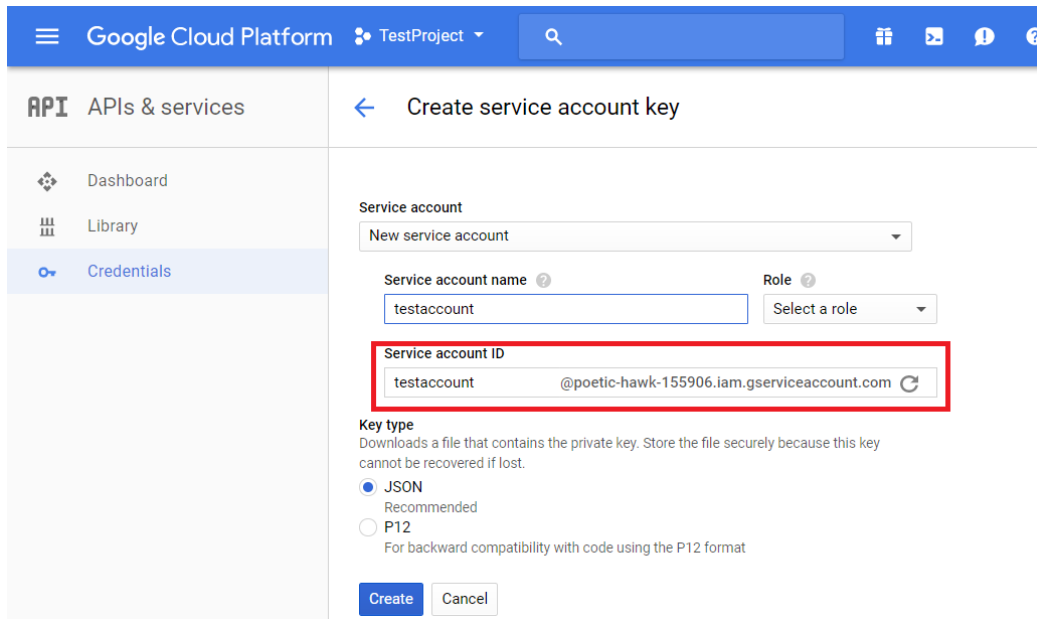
In the left side bar, go to **API & services** > **Credentials**



In the next screen, click on **Create credentials** > **Service account key**

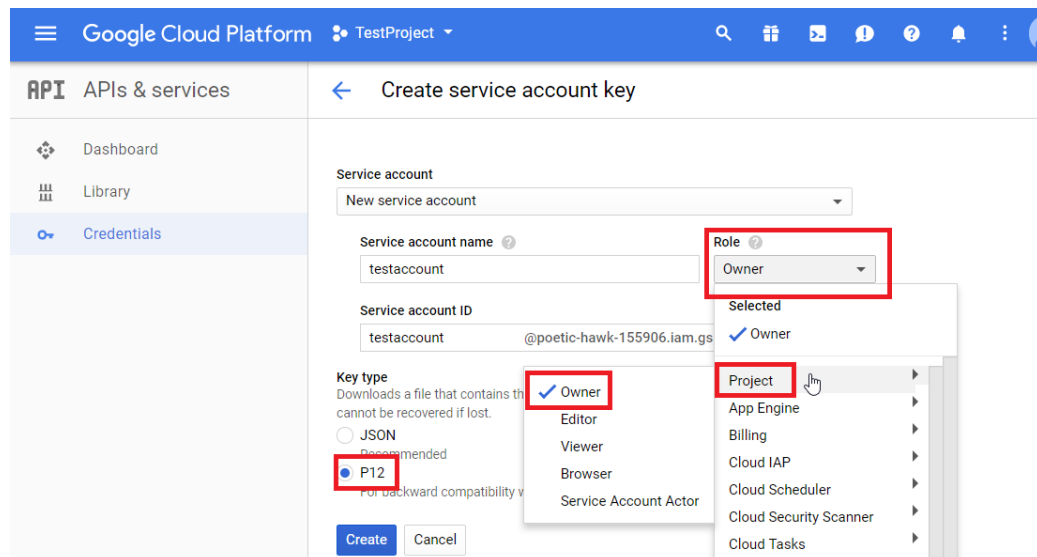


In the next screen, select **New service account** in the dropdown list **Service account** and enter a name in **Service account name**. This generates a **Service account ID** in an email address form (ending with **gserviceaccount.com**).



In the **Role** list, select **Project > Owner**

In the options **Key type**, select **P12** then click on **Create**.



The P12 file will be downloaded automatically on your disk, please save it preciously. Click on **Close**.

**Service account created**

The service account ' ' was given editor permission for the project.

The account's public/private key pair **My New Project-87368821e058.p12** has been saved on your computer. This is the only copy of the key, so store it securely.

**This is the private key's password. It will not be shown again. You must present this password to use the private key. [Learn more](#)**

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Close

In the next page, click on **Manage service accounts** (on the right).

Google Cloud Platform TestProject

API APIs & services

Credentials

OAuth consent screen Domain verification

Create credentials Delete

Create credentials to access your enabled APIs. Refer to the API documentation for details.

Service account keys [Manage service accounts](#)

ID	Creation date	Service account
462f414f-8b12505920b01747b470d4e52170261	12 Oct 2017	test1010

Then, get the **Service account ID** (in an email address form).

Service accounts for project "TestProject"

A service account represents a Google Cloud service identity, such as code running on Compute Engine VMs, App Engine apps or systems running outside Google. [Learn more](#)

Find a service account

Service account name	Service account ID	Key ID	Key creation date
Compute Engine default service account	734048903693-compute@developer.gserviceaccount.com	No keys	
testaccount	testaccount@poetic-hawk-155906.iam.gserviceaccount.com	9bb336c5caa6c07fa9a28399b273930e4d3529ac	17 Jan 2017

## VI. PRECISIONS

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Even if you created the service account while connected to your own Google account, this service account is not related - in any way - to your own Google Drive account.

The service account is a Google account in its own right and has its own Google Drive account, its own Google Calendar, etc.

When uploading to the service account, the document will go to the service account's Google Drive and not to the Google Drive of the Google account that was used to create the service account.

**NB** : There is no Web interface for a service account, which means that you can't authenticate and list which documents have been uploaded. This can only be achieved via a client able to use this service account, like Digdash.