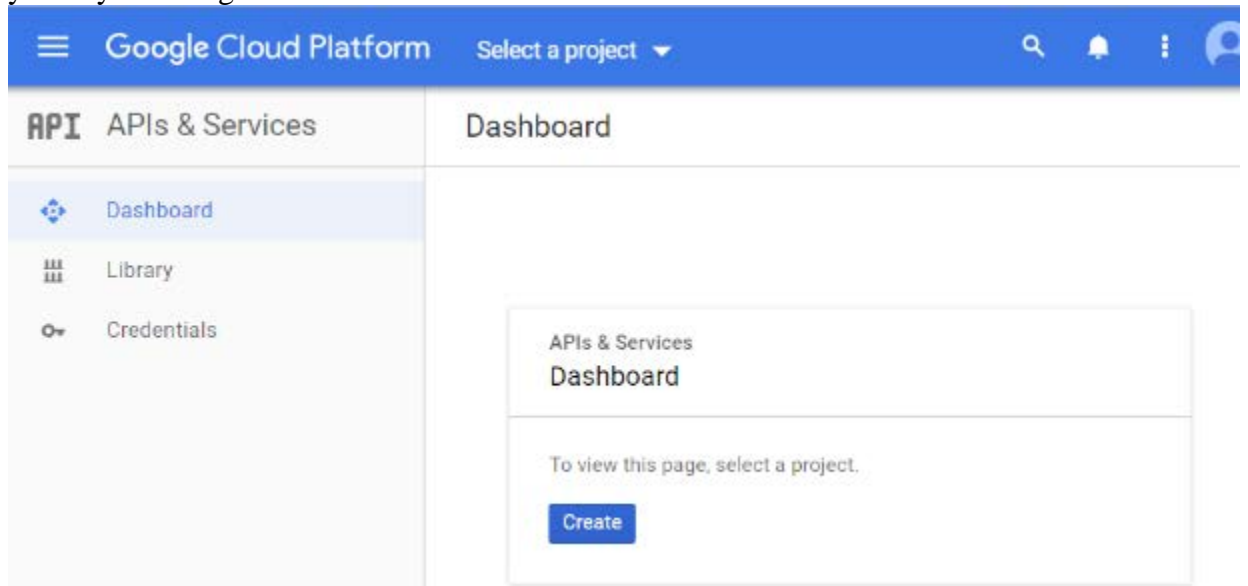


# Getting a Service Account Key from the Google Cloud Platform, or: Getting your Key for the Transmogrifier Program

by Ryan L. Boyd -- Updated on 2018-07-08

If you've never worked with the Google Cloud Platform, setting up an account/project might seem complicated, or even just completely unintuitive. I've written this little guide as a walk-through for getting from Point A (starting with nothing) to Point B (getting your service account key file).

1. Go to <https://console.cloud.google.com/apis/api/translate.googleapis.com>. This will bring you to your Google Cloud dashboard



2. Click "Create" to make a new project.

- You can name your project anything that you want – it doesn't really matter. Suggested name: TranslateProject. You'll also likely have to set up your billing info at this point as well. Remember, the Google Translate API is not free. Using the API will cost money.

Project Name \*  
TranslateProject ?

Project ID: translateproject-209702. It cannot be changed later. [EDIT](#)

Billing account \*  
My Billing Account 1 ▼  
Any charges for this project will be billed to the account you select here.

Location \*  
No organization [BROWSE](#)

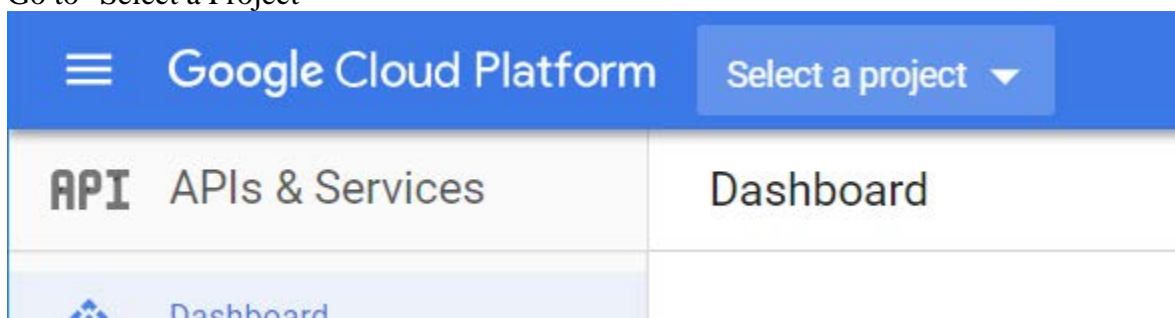
Parent organization or folder

[CREATE](#) [CANCEL](#)

- It might look like nothing is happening for a few seconds, but Google is setting up your "project". It should be ready in less than a minute, and you'll probably see your little "notification" logo spinning:




- Go to "Select a Project"



- Click on the project that you just created. You'll see the little blue checkmark show up *after* you've selected your project.

🔍 Search projects and folders

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RECENT		ALL
Name		ID
✓	 TranslateProject ?	translateproject-209702

- Now it's time to link your project to the Google Translate API. You can either scroll through the list that Google gives you, or just search for "translate" to make it easier to find. Once you've found it, click on the box that says "Cloud Translation API"

Google Cloud Platform TranslateProject 🔍


← Search 🔍 translate ×

Filter by 2 results

CATEGORY


Machine learning (1)

Networking (1)



**Cloud Translation API**  
Google


The Google Cloud Translation API lets websites and programs integrate with Google Translate...



**Google Cloud DNS API**  
Google

Highly Available Global DNS Network

8. Click the blue "Enable" button.



### Cloud Translation API

Google

The Google Cloud Translation API lets websites and programs integrate with Google Translate...

[ENABLE](#) [TRY THIS API](#)

Type  
APIs & services

#### Overview

The Google Cloud Translation API lets websites and programs integrate with Google Translate programmatically.

9. Now that the API is linked to your project, you need to create/download your credentials file. Click on "Credentials", located in the left panel:

Google Cloud Platform

TranslateProject

Cloud Translation API

APIs & Services

Overview

Metrics

Quotas

Credentials

Overview

Details

DISABLE API

Name

Cloud Translation API

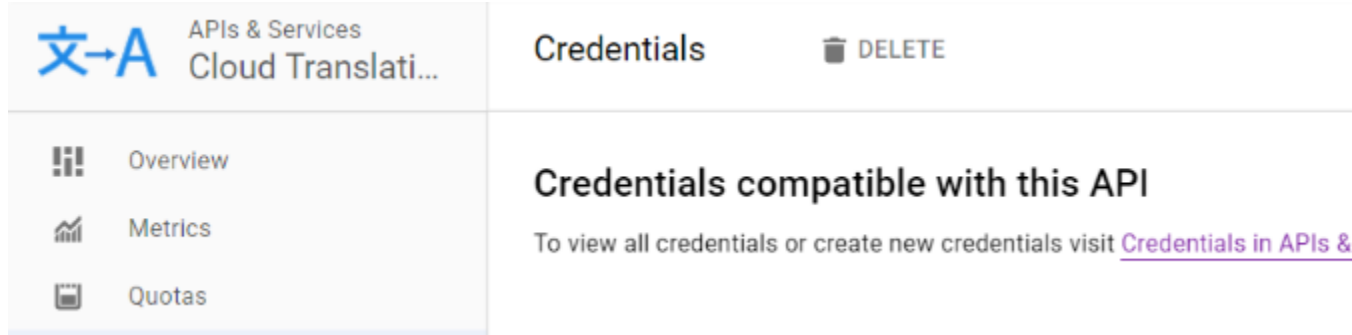
By

Google

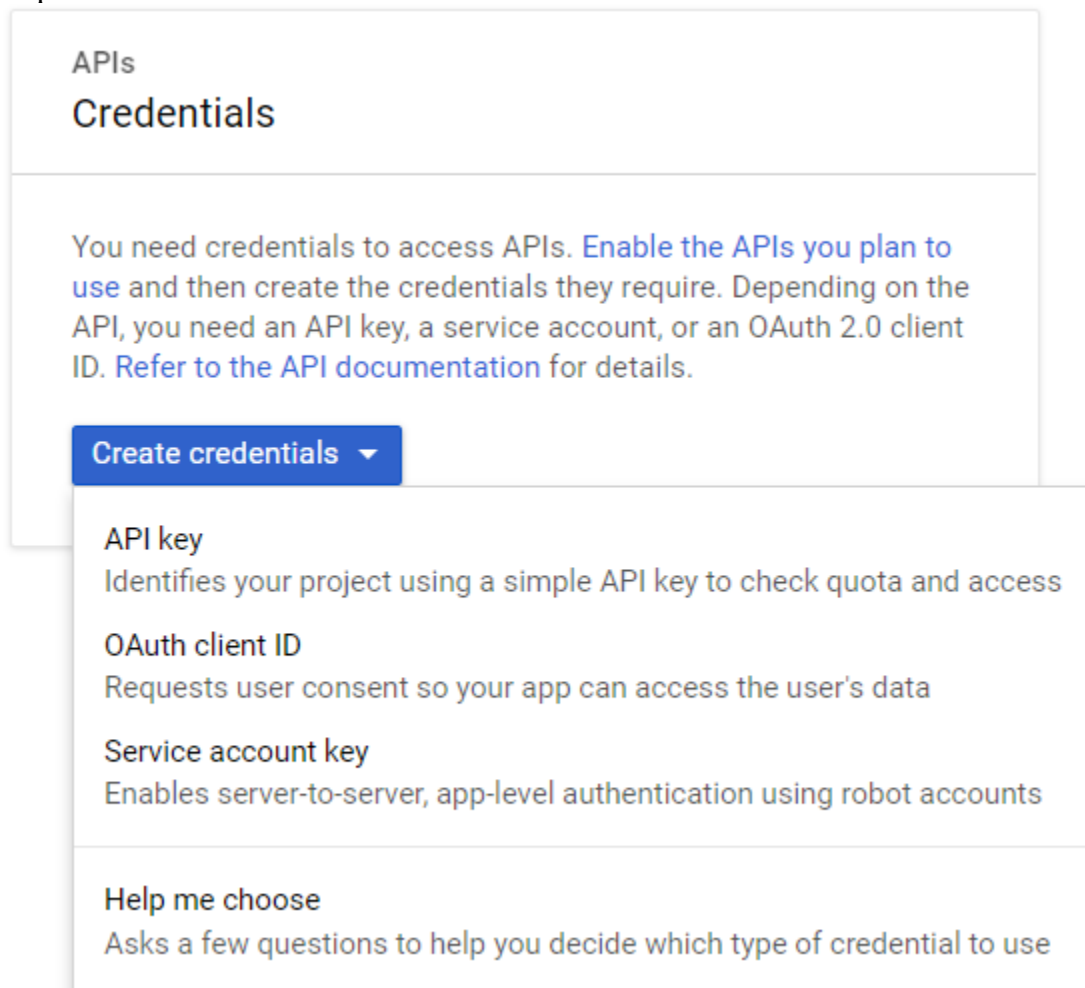
Service name

translate.googleapis.com

10. It will tell you that you need to visit the "Credentials in APIs & Services" page. Go ahead and click on this link.



11. Click on the blue "Create Credentials" button, and select "Service account key" from the dropdown menu.



12. Fill in the information for a new service account. For all of our purposes, you basically just want to make a single "master" account. The other "roles" are for if you are doing this as an organization and want to set up lower-level users, managers, etc. to control access to the project. This doesn't really matter for us. You'll typically want to use the following settings:

- New Service Account
- Service Account Name: (Your name)
- Role: Project → Owner
- Key type: JSON

Service account

New service account

Service account name ?

RyanBoyd

Service account ID

ryanboyd @translateproject-209702.iam.gserviceaccount.com

Role ?

Select a role

Selected

- Project
- App Engine
- BigQuery
- Billing
- Cloud IAP
- Cloud SQL
- Cloud Security Scanner
- Cloud Trace
- Datastore
- Error Reporting

- Owner
- Editor
- Viewer
- Browser

Key type

Downloads a file that contains the private key. Store the file securely and be recovered if lost.

☒ JSON

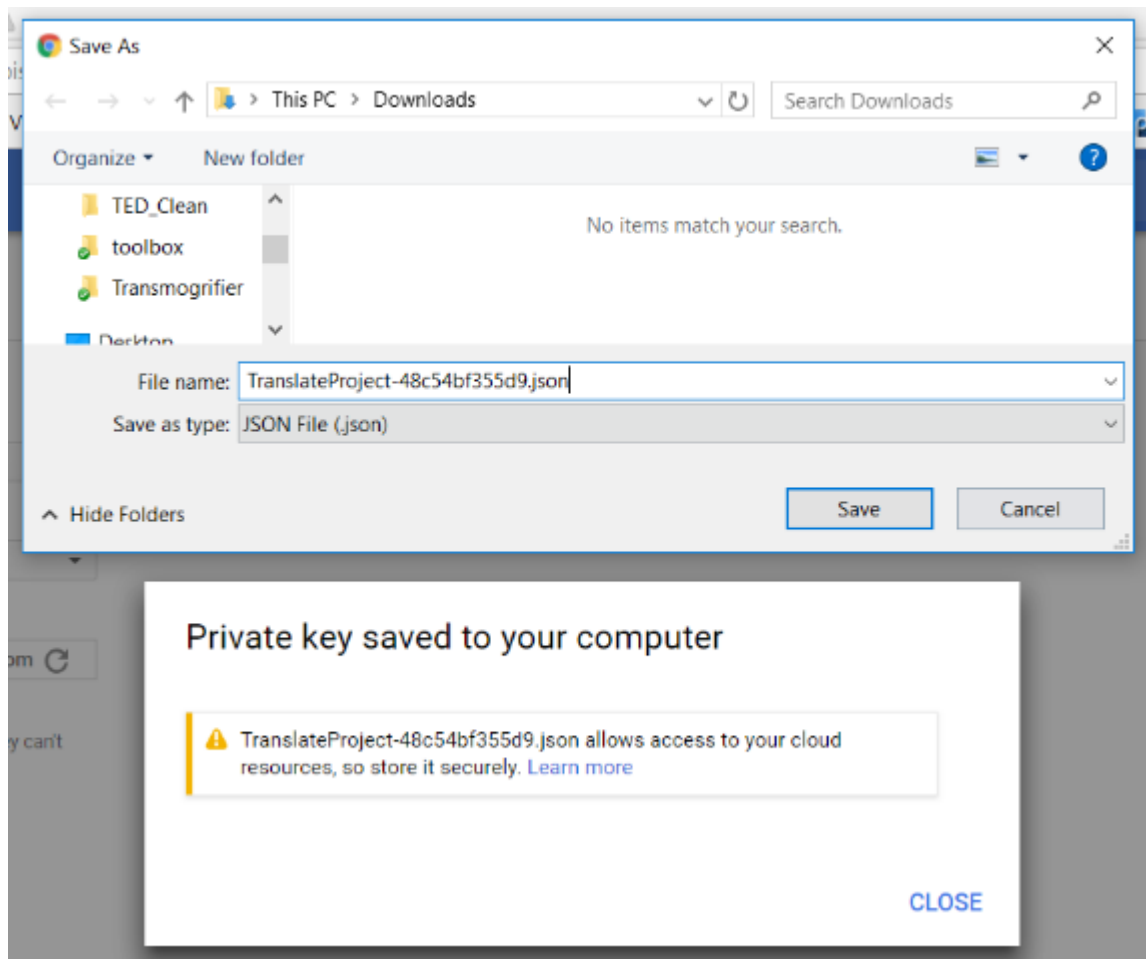
Recommended

☐ P12

For backward compatibility with code using the P12 format

Create Cancel

13. Click the blue "Create" button. You will then be prompted to download your service account key.



14. That's it! This json file that you download will be the Service Account Key that you use when you start up the Transmogriifier.

And there you have it – the 14 simplest steps in the world :)

If you need to delete your project for any reason, you can do a Google search for how to “shut down” a project, or check the following URL:

[https://cloud.google.com/resource-manager/docs/creating-managing-projects#shutting\\_down\\_projects](https://cloud.google.com/resource-manager/docs/creating-managing-projects#shutting_down_projects)