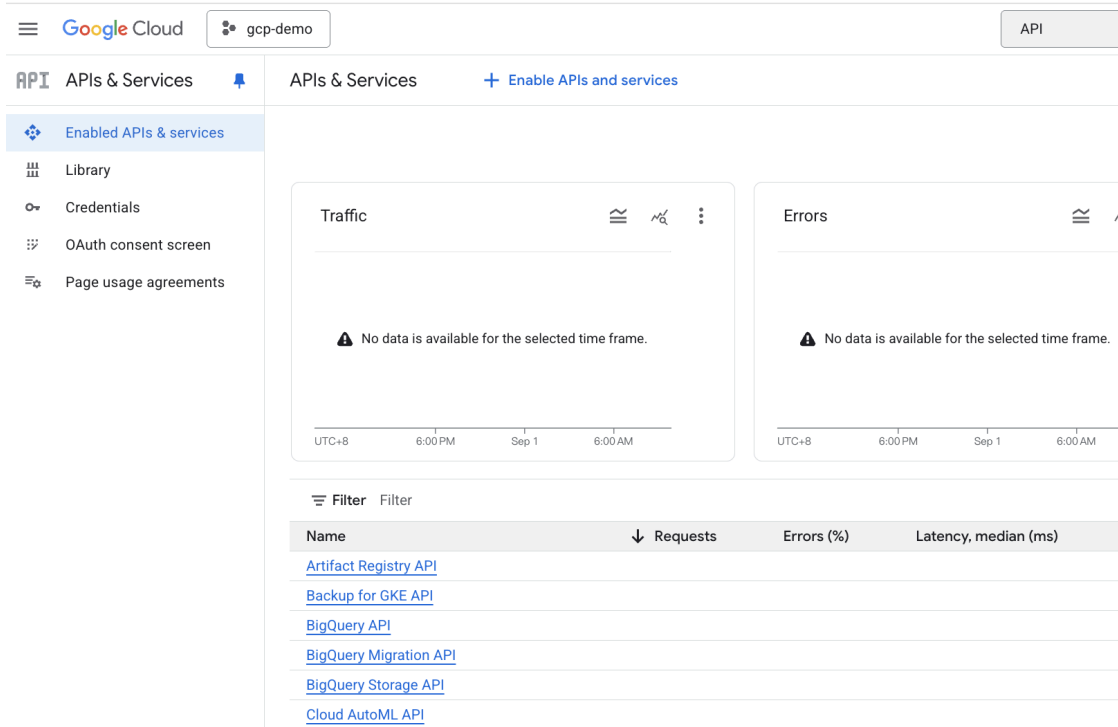


How to upload video to youtube

Config OAuth 2.0

Goto “APIs & Services” in management console:



Google Cloud gcp-demo API

APIs & Services + Enable APIs and services

Enabled APIs & services

Library

Credentials

OAuth consent screen

Page usage agreements

Traffic

No data is available for the selected time frame.

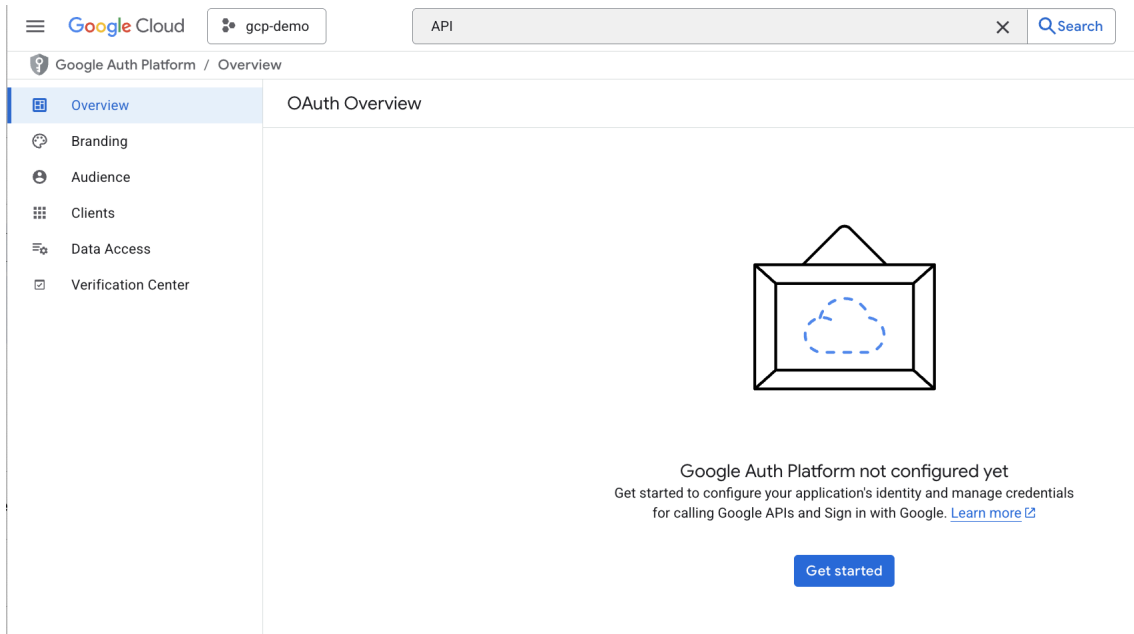
Errors

No data is available for the selected time frame.

Filter Filter

Name	Requests	Errors (%)	Latency, median (ms)
Artifact Registry API			
Backup for GKE API			
BigQuery API			
BigQuery Migration API			
BigQuery Storage API			
Cloud AutoML API			

Click “OAuth consent screen”, goto “OAuth Overview”



Google Cloud gcp-demo API Search

Google Auth Platform / Overview

Overview

Branding

Audience

Clients

Data Access

Verification Center

OAuth Overview

Google Auth Platform not configured yet

Get started to configure your application's identity and manage credentials for calling Google APIs and Sign in with Google. [Learn more](#)

Get started

Click “Get started”

Overview

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Project configuration

1

App Information

App name *

Project Alchemy Test

The name of the app asking for consent

User support email *

@google.com

For users to contact you with questions about their consent. [Learn more](#)

Next

2

Audience

3

Contact Information

4

Finish

Create

Cancel



Overview



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Project configuration



App Information



Audience



Internal [?](#)

Only available to users within your organization. You will not need to submit your app for verification. [Learn more about user type](#) [↗](#)



External [?](#)

Available to any test user with a Google Account. Your app will start in testing mode and will only be available to users you add to the list of test users. Once your app is ready to push to production, you may need to verify your app. [Learn more about user type](#) [↗](#)

Next



Contact Information



Finish

Create

Cancel



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App Information



Audience



Contact Information

Email addresses *

[redacted]@google.com



These email addresses are for Google to notify you about any changes to your project.

Next



Finish

Create

Cancel

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✓ App Information

|

✓ Audience

|

✓ Contact Information

|

! Finish

☒ I agree to the [Google API Services: User Data Policy](#)

Continue

Create

Cancel

Google Cloud

gcp-demo

Google Auth Platform / Overview

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Metrics

You haven't configured any OAuth clients for this project yet.

Project Checkup

No project health recommendations found for your project.

Click “Client” to add a client:

Google Cloud

gcp-demo

Google Auth Platform / Overview

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Metrics

You haven't configured any OAuth clients for this project yet.

Project Checkup

No project health recommendations found for your project.

Google Cloud

gcp-demo

Google Auth Platform / Clients

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+ Create client

Delete

Restore deleted OAuth clients

⚠️ OAuth Client IDs created under google.com must be mapped to an appropriate AccountRest

OAuth 2.0 Client IDs

<input type="checkbox"/>	Name	Creation date
No OAuth clients to display		

Google Cloud

gcp-demo

Google Auth Platform / Clients / Create client

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← Create OAuth client ID

A client ID is used to identify a single app to Google's OAuth servers. If your app runs on multiple platforms, each will need its own client ID. See [Setting up OAuth 2.0](#) for more information. [Learn more](#) about OAuth client types.

Application type *

Desktop app

Name *

Desktop client 1

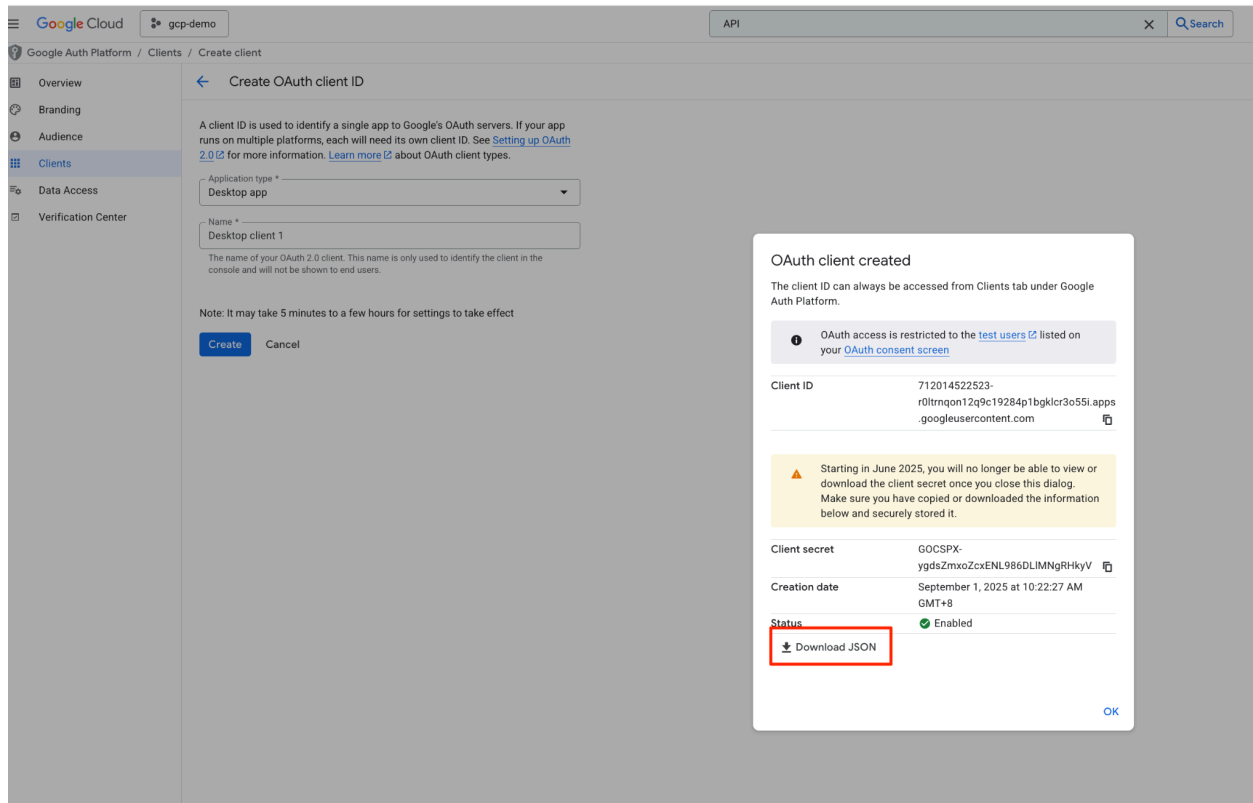
The name of your OAuth 2.0 client. This name is only used to identify the client in the console and will not be shown to end users.

Note: It may take 5 minutes to a few hours for settings to take effect

Create

Cancel

Click Download JSON, save as client_secrets.json




Sample code

```
python upload.py --file="/Users/zhmichael/github/youtube/story.mp4" --title="Summer vacation in California" --description="Had fun surfing in Santa Cruz" --keywords="surfing,Santa Cruz" --category="22" --privacyStatus="private"
```

For the first call, will prompt an authentication flow for access right:

```
zhmichael-macbookpro3:youtube zhmichael$ python upload.py --file="/Users/zhmichael/github/youtube/story.mp4" --title="Summer vacation in California" --description="Had fun surfing in Santa Cruz" --keywords="surfing,Santa Cruz" --category="22" --privacyStatus="private"
Please visit this URL to authorize this application: https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=413417393622-umnqne51ar8fg15hj26jrhel5to4ig.apps.googleusercontent.com&redirect_uri=http%3A%2F%2Flocalhost%3A55534%2F&scope=https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fyoutube.upload&state=RGTPWrN3Ao3II0bxHqtLBgbka0J7YM&access_type=offline
```


 Sign in with Google

Choose an account

to continue to [zhmichael-youtube-uploader](#)

 [\[redacted\]](#)
[redacted]@google.com

 [\[redacted\]](#)
[redacted]@google.com

 Use another account

 Sign in with Google

[\[redacted\]](#)-youtube-uploader wants access to your Google Account

 [redacted]@google.com



[\[redacted\]](#)-youtube-uploader already has some access

See the [1 service](#) that [zhmichael-youtube-uploader](#) has some access to.

Make sure you trust [\[redacted\]](#)-youtube-uploader



[Learn why you're not seeing links to zhmichael-youtube-uploader's Privacy Policy or Terms of Service](#)

Review [zhmichael-youtube-uploader's Privacy Policy and Terms of Service](#) to understand how [zhmichael-youtube-uploader](#) will process and protect your data.

To make changes at any time, go to your [Google Account](#).

Learn how Google helps you [share data safely](#).

Cancel

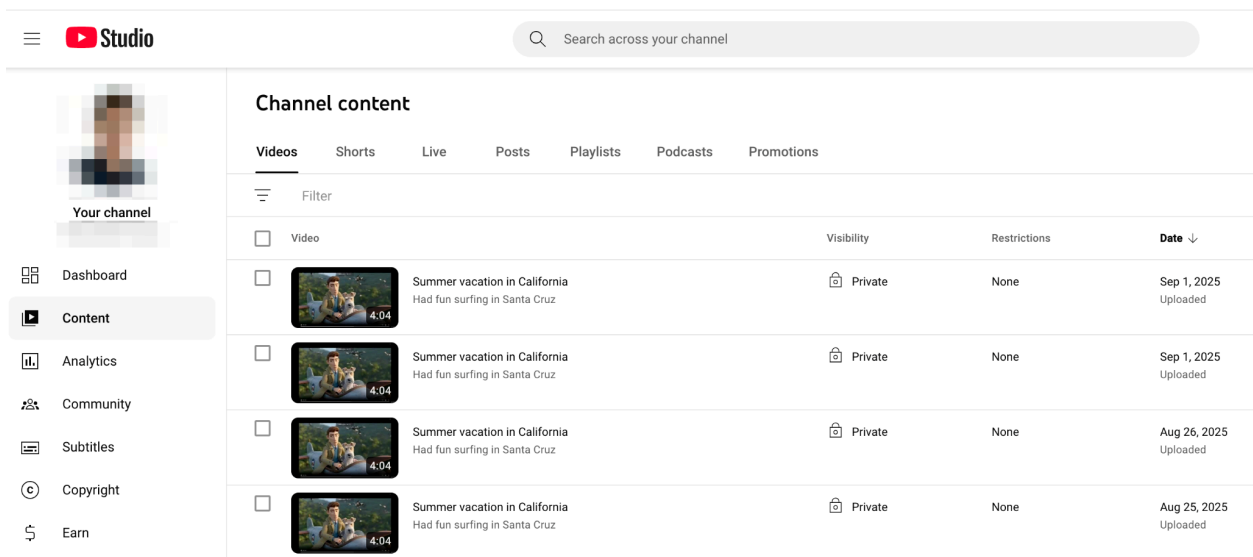
Continue




The video file will be uploaded to youtube successfully:

```
zhmichael-macbookpro3:youtube zhmichael$ python upload.py --file="/Users/zhmichael/github/youtube/story.mp4" --title="Summer vacation in California" --description="Had fun surfing in Santa Cruz" --keywords="surfing,Santa Cruz" --category="22" --privacyStatus="private"
Please visit this URL to authorize this application: https://accounts.google.com/o/oauth2/auth?response_type=code&client_id=413417393622-umnqne51ar8fg15hj26jrhelp5tof4ig.apps.googleusercontent.com&redirect_uri=http%3A%2F%2Flocalhost%3A55534%2F&scope=https%3A%2F%2Fwww.googleapis.com%2Fauth%2Fyoutube.upload&state=RGTPWrN3Ao3IIObxHqtLBgbka0J7YM8&access_type=offline
Uploading file...
-> Uploaded video ID GhYJ0WSvHBA - https://www.youtube.com/watch?v=GhYJ0WSvHBA
```


Will find the video has been uploaded to youtube:



In this sample code, token.json will be created, later upload will reuse this credential, don't need authentication flow again:

 client_secrets.json

 requirements.txt

 story.mp4

 token.json

 upload.py

Attention:

If your application is to C, you should store the content of token.json in the database for each individual user.