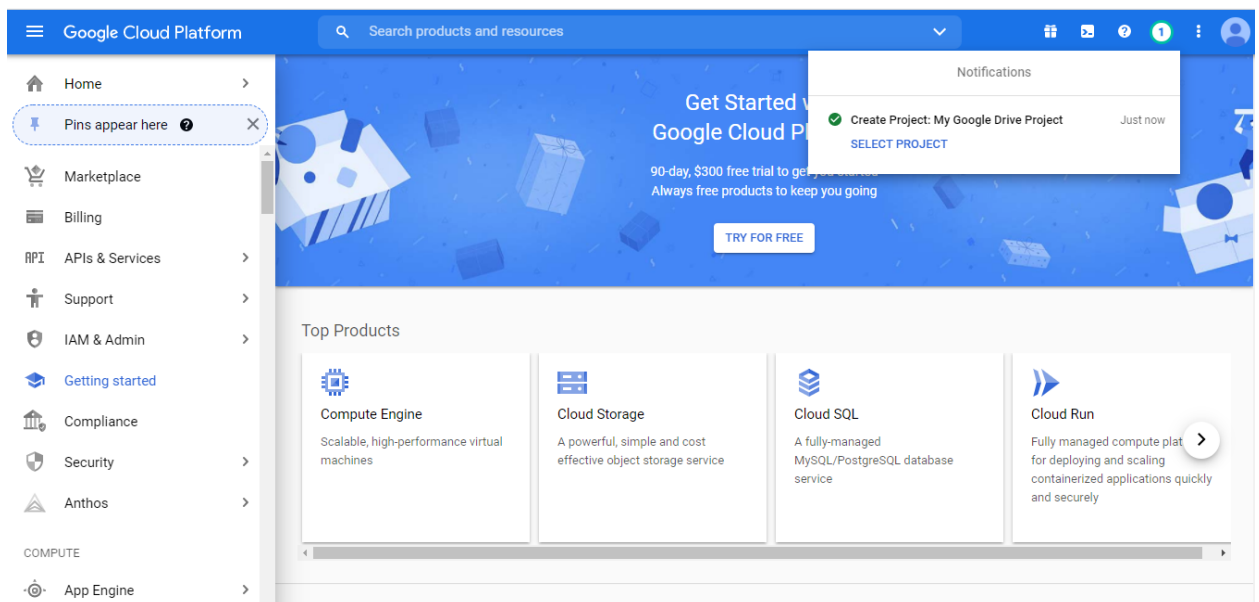
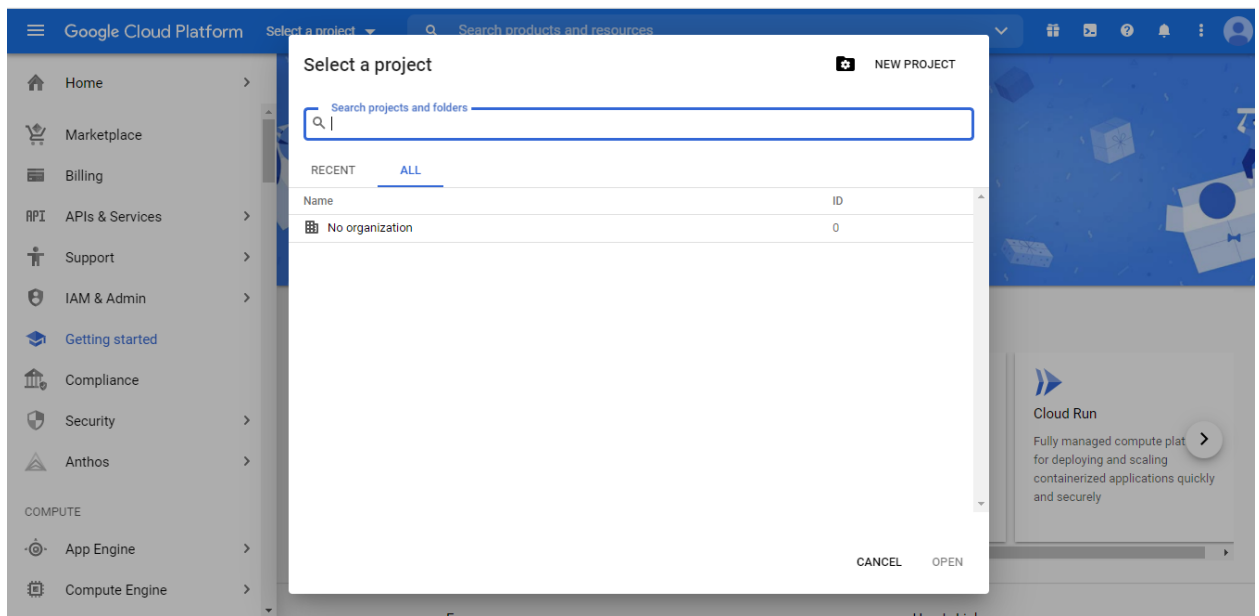
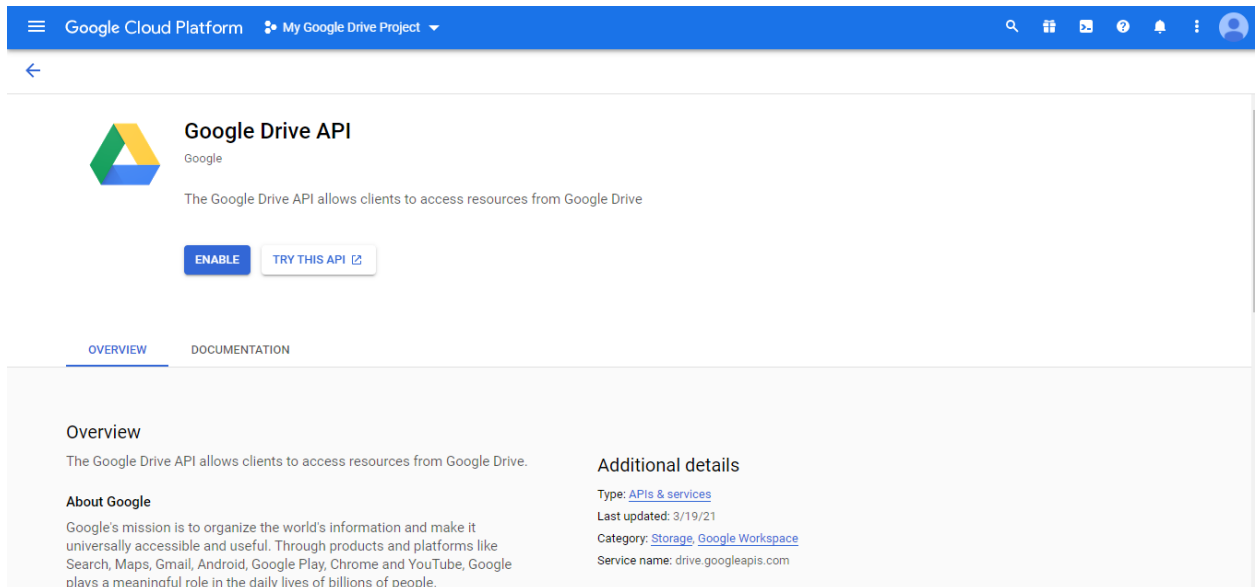


Configure Google Drive API for Gmail users

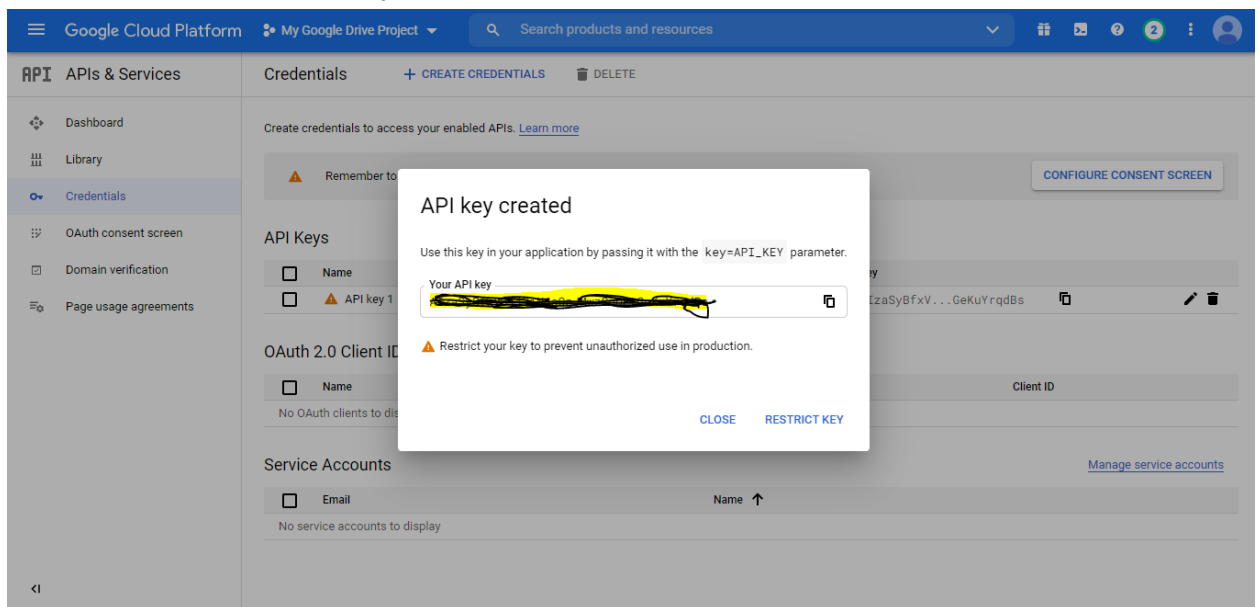
1. Login into [Google Cloud Platform](#) and create a new project



2. Search for Google Drive API in Marketplace and enable API



3. Create Credentials -> API Key



4. Configure OAuth Consent as shown below:

Google Cloud PlatformMy Google Drive ProjectSearch products and resources

APIs & Services

DashboardLibraryCredentialsOAuth consent screenDomain verificationPage usage agreements

OAuth consent screen

Choose how you want to configure and register your app, including your target users. You can only associate one app with your project.

User Type

☐ Internal ?

Only available to users within your organization. You will not need to submit your app for verification.

☒ 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](#).

CREATE

[Let us know what you think](#) about our OAuth experience

Learn

Google OAuth consent screen

What is the OAuth consent screen?

What are OAuth consent scopes?

What are sensitive API scopes?

What are restricted API scopes?

The app registration process

What information do I need?

Will my app need to be verified by Google?

What if I don't verify my app?

How long does the verification process take?

Google Cloud PlatformMy Google Drive ProjectSearch products and resources

APIs & Services

DashboardLibraryCredentialsOAuth consent screenDomain verificationPage usage agreements

Edit app registration

Application privacy policy link

Provide users a link to your public privacy policy

Application terms of service link

Provide users a link to your public terms of service

Authorized domains ?

When a domain is used on the consent screen or in an OAuth client's configuration, it must be pre-registered here. If your app needs to go through verification, please go to the [Google Search Console](#) to check if your domains are authorized. [Learn more](#) about the authorized domain limit.

+ ADD DOMAIN

Developer contact information

Email addresses *

kehindesapexblog@gmail.com

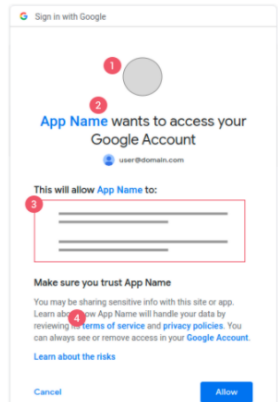
These email addresses are for Google to notify you about any changes to your project.

SAVE AND CONTINUE CANCEL

Learn

How is this info presented to users?

This is the consent screen that users see



5. Create Credentials -> Create OAuth Client ID

Google Cloud Platform My Google Drive Project Search products and resources

APIs & Services

- Dashboard
- Library
- Credentials
- OAuth consent screen
- Domain verification
- Page usage agreements

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.

Application type *
Web application

[Learn more](#) about OAuth client types

Name *
Google Drive API Web 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.

The domains of the URIs you add below will be automatically added to your [OAuth consent screen](#) as [authorized domains](#).

Authorized JavaScript origins ?
For use with requests from a browser

+ ADD URI

Authorized redirect URIs ?

6. Go to [OAuth 2.0 Playground \(google.com\)](https://developers.google.com/oauthplayground/) , select as shown below and click on authorize APIs

Google Developers

OAuth 2.0 Playground

Step 1 Select & authorize APIs

Select the scope for the APIs you would like to access or input your own OAuth scopes below. Then click the "Authorize APIs" button.

- Content API for Shopping v2.1
- Dataflow API v1b3
- Display & Video 360 API v1
- DoubleClick Bid Manager API v1.1
- Drive API v3
 - ✓ <https://www.googleapis.com/auth/drive>
 - <https://www.googleapis.com/auth/drive.appdata>
 - <https://www.googleapis.com/auth/drive.file>
 - <https://www.googleapis.com/auth/drive.metadata>

Input your own scopes [Authorize APIs](#)

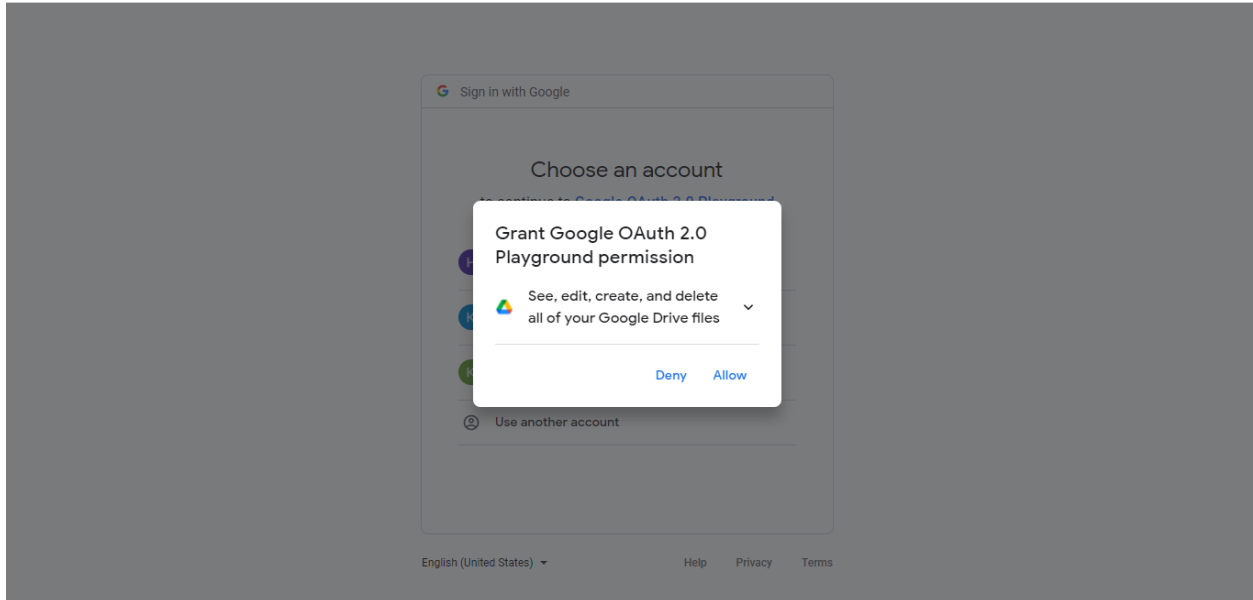
Step 2 Exchange authorization code for tokens

Step 3 Configure request to API

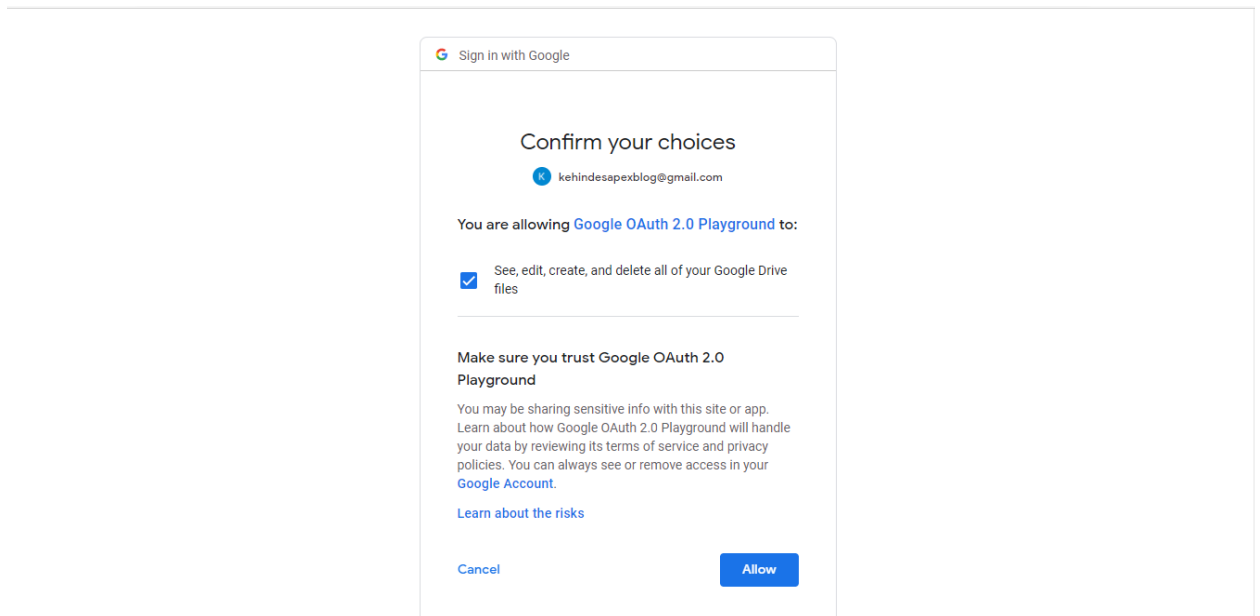
Request / Response

No request.

Wrap Lines



7. Complete the steps as below:



8. You'll be able to retrieve the refresh token and access tokens as shown below:

OAuth 2.0 Playground

X

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⚙

Step 1 Select & authorize APIs

Step 2 Exchange authorization code for tokens

Step 3 Configure request to API

Once you got the Authorization Code from Step 1 click the **Exchange authorization code for tokens** button, you will get a refresh and an access token which is required to access OAuth protected resources.

Authorization code: 4/0AY0e-g4Mqy-0fbq-fMjCJzv3YFeyRIRe5cz_7QVTxJN

Exchange authorization code for tokens

Refresh token: 1/04WY49u3suOIJCyIARAAGASNwF-L9lrSftOGShKCv

Access token: ya29.a0AIH6SMArVlaS5XfLiDjdUs

Refresh access token

☐ Auto-refresh the token before it expires.

The access token will expire in 3554 seconds.

Note: The OAuth Playground will automatically revoke refresh tokens after 24h. You can avoid this by specifying your own application OAuth credentials using the Configuration panel.

Request / Response

```
POST /token HTTP/1.1
Host: oauth2.googleapis.com
Content-length: 261
content-type: application/x-www-form-urlencoded
user-agent: google-oauth-playground

code=4%2F0AY0e-g4Mqy-0fbq-fMjCJzv3YFeyRIRe5cz_7QVTxJN0LK3Dj3d_ehmE_qVLEcw34Zgv6w&redirect_uri=https%3A%2F%2Fdevelopers.google.com%2Foauthplayground&client_id=407406718192.apps.googleusercontent.com&client_secret=*****&scope=&grant_type=authorization_code

HTTP/1.1 200 OK
Content-length: 413
X-xss-protection: 0
X-content-type-options: nosniff
Transfer-encoding: chunked
Expires: Mon, 01 Jan 1990 00:00:00 GMT
Vary: Origin, X-Origin, Referer
Server: scaffolding on HTTPServer2
Content-encoding: gzip
Pragma: no-cache
Cache-control: no-cache, no-store, max-age=0, must-revalidate
Date: Sun, 28 Mar 2021 10:34:35 GMT
X-frame-options: SAMEORIGIN
Alt-svc: h3-29=":443"; ma=2592000,h3-T051=":443"; ma=2592000,h3-Q050=":443"; ma=2592000,h3-Q043=":443"; ma=2592000,quic=":443"; ma=2592000; v="46,43"
Content-type: application/json; charset=utf-8
```

☒ Wrap Lines

ENSURE YOU USE YOUR OWN CLIENT ID AND SECRET WHEN EXCHANGING AUTHORIZATION CODE FOR TOKENS