

# Set up Google API Key

An API key is a unique identifier. Each time that you use the Google Maps API or Google Youtube API, you must include a key, or other credentials, to validate your request.

Google API key is a necessary component for several apps and pages to display content correctly and completely such as Maps, Places, Youtube, Date... This guide will instruct you on how to obtain and setup Google API key with all fundamental services.

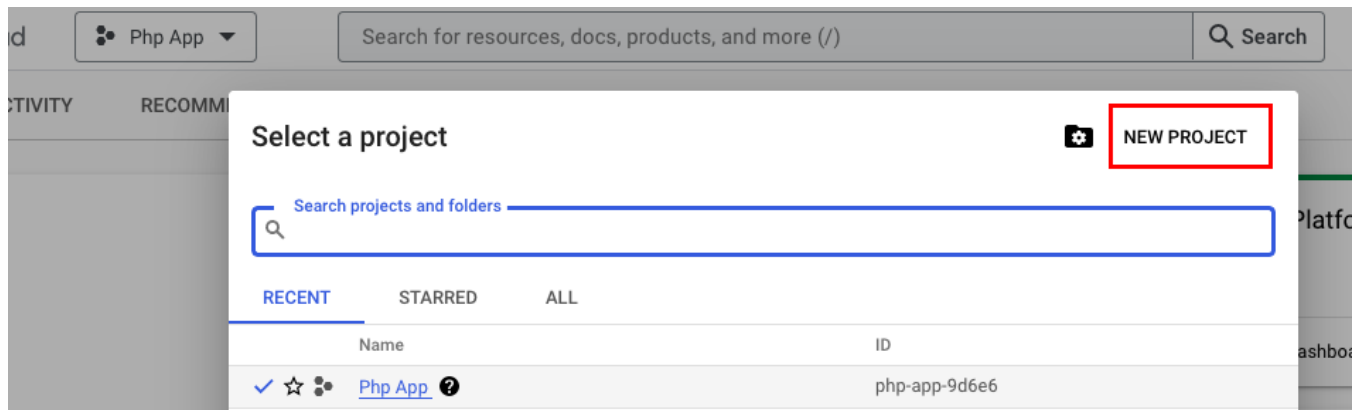
## Create Google App

First of all, you need to create a Google app to generate the key.

1/ Go to Google Console Page & Login into your Google account.

<https://console.cloud.google.com/apis/dashboard?project=php-app-9d6e6>

2/ Select Create Project from Console Dashboard or Select projects menu, then click on the + symbol on the popup window to create a new project.



3/ Enter the name for the new project, select your preference of email notification and lastly choose Yes to agree on Terms of Service >> Create.

**Project name \***  
My Project 6456 ?

Project ID: shaped-epigram-369409. It cannot be changed later. [EDIT](#)

**Billing account \*** ▼

Any charges for this project will be billed to the account you select here.

**Location \***  
🏠 No organization [BROWSE](#)

Parent organization or folder

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

## Enable Services for Google App

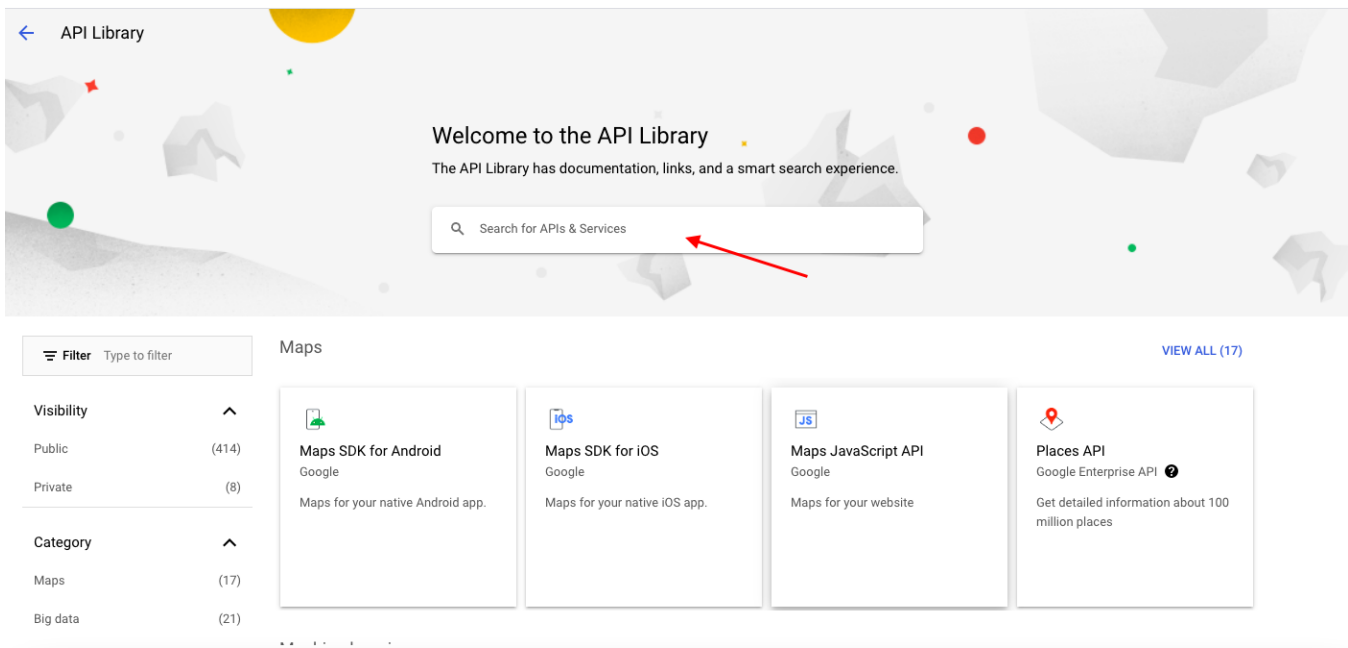
From the project Dashboard, click on Go to APIs overview under API section.

The screenshot shows the Google Cloud Project Dashboard for a project named 'Php App'. The 'APIs' section is highlighted with a red box. Inside this section, there is a line chart titled 'Requests (requests/sec)' showing no data for the selected time frame. Below the chart, there is a link 'Go to APIs overview' with a red arrow pointing to it. The dashboard also includes sections for 'Project info', 'Resources', 'Google Cloud Platform status', and 'Monitoring'.

On the next page, choose Enable APIs and Services on top of the page.

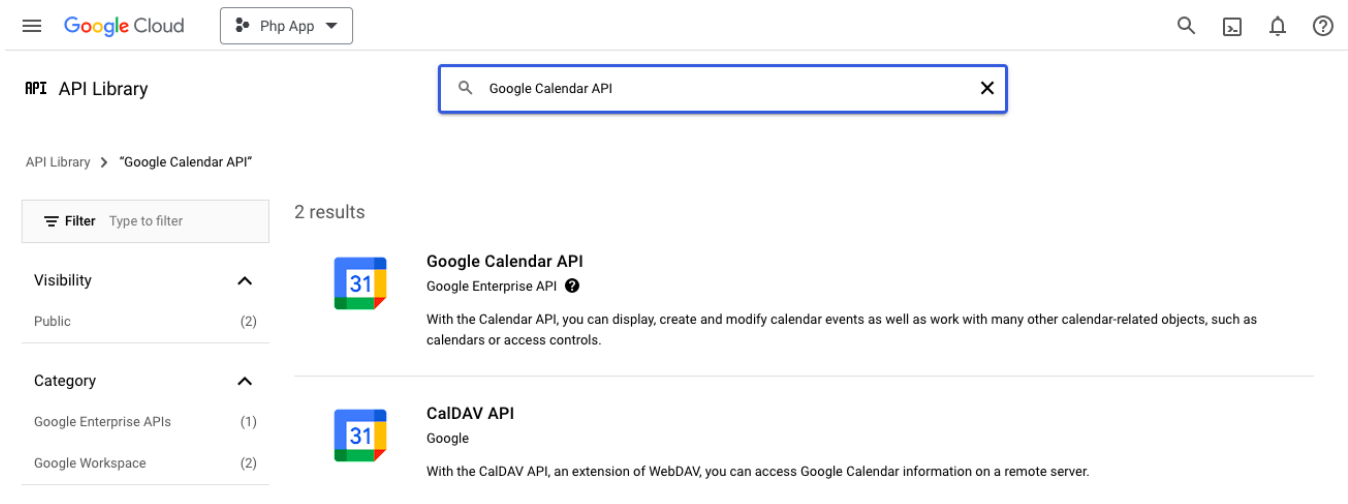
The screenshot shows the 'APIs & Services' page. At the top, there is a button '+ ENABLE APIS AND SERVICES' highlighted with a red box and a red arrow. Below this, there are two charts: 'Traffic' and 'Errors'. Both charts show no data for the selected time frame. The page also includes a sidebar with 'Enabled APIs & services' and a list of services like 'Library', 'Credentials', 'OAuth consent screen', and 'Page usage agreements'.

You will see the library of available services you can apply to your Google app. From here, you can find the services you want to enable in the list or Use the search box for quick reference.



Next, we will guide you on how to enable a service, for instance, "Google Calendar API" which is vital for displaying dates and times on several components.

1. Type "Google Calendar API" into the search box, and select it from the result list.



2. Select **Enable** to activate this service. You *successfully enabled the service* for your Google app.



## Google Calendar API

[Google Enterprise API](#)

Manage calendars and events in Google Calendar.

ENABLE

TRY THIS API [↗](#)

You can enable these below services for your Google app to ensure all settings work and content displays correctly on your site.

### Map & Location services:

- Google Places API Web Service
- Google Maps Geocoding API
- Google Maps Geolocation API
- Google Maps JavaScript API
- Google Static Maps API

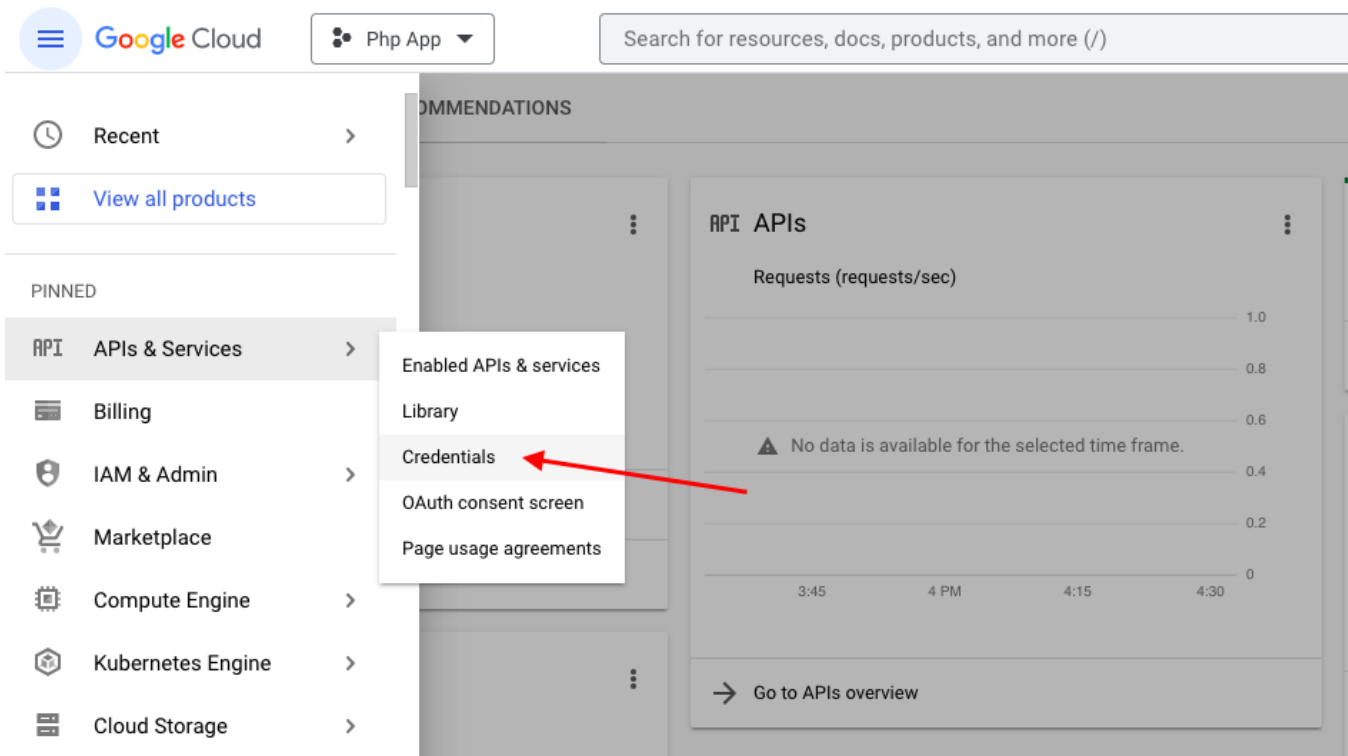
### Youtube services:

- YouTube Data API v3

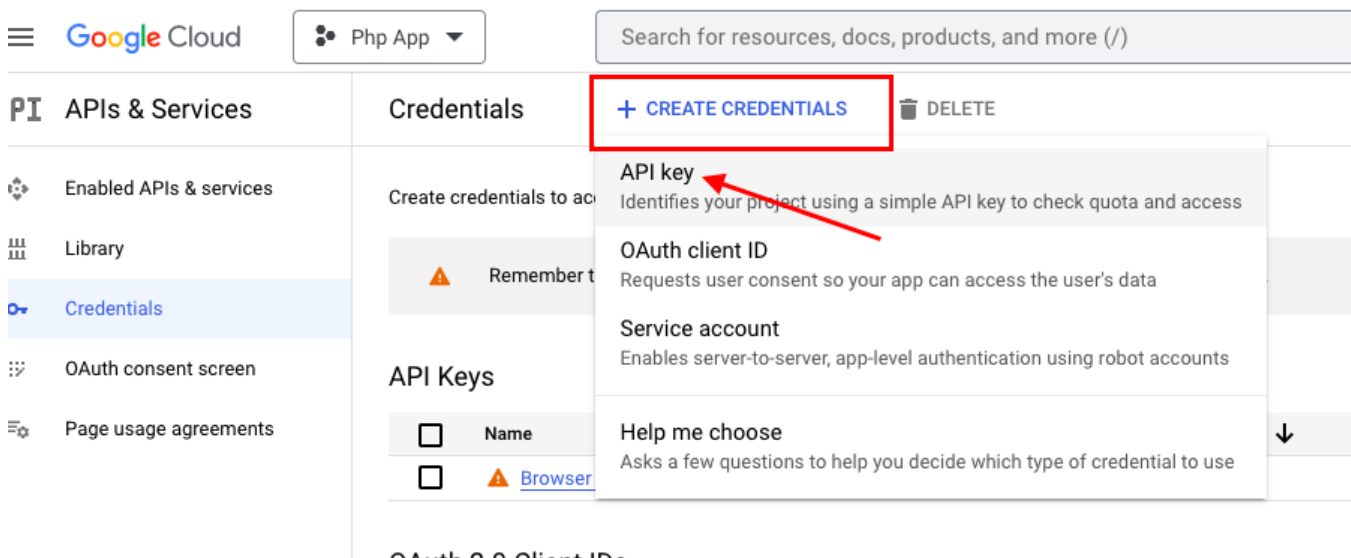
## Generate Google API Key from Google App

After enabling all necessary services, we need to generate the API key to use to setup in the phpFox setting.

Go back to **Dashboard** and select **Credentials** from the left menu.



Select **Create credentials** and choose **API key** from the drop-down list.



A popup will show up with a **generated API key** of the app. You now have your Google API key, *note this key down*.

number to configure the OAuth consent screen with information about your application.

## API key created

Use this key in your application by passing it with the `key=API_KEY` parameter.

Your API key

AIzaSyBw... (truncated) ...



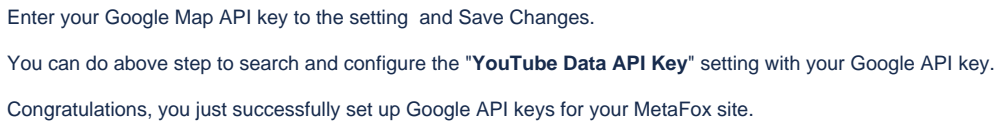
⚠ This key is unrestricted. To prevent unauthorized use, we recommend restricting where and for which APIs it can be used. [Edit API key](#) to add restrictions. [Learn more](#)

CLOSE

## Setup Google API Key for MetaFox Settings

As you just retrieved your Google API key, you need to set up and put it into your MetaFox settings.

From AdminCP, type "**Google Map API Key**" to search in the settings box and select the result or go to **AdminCP > Settings > Site Settings**



You can do above step to search and configure the "**YouTube Data API Key**" setting with your Google API key.

Congratulations, you just successfully set up Google API keys for your MetaFox site.