

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.

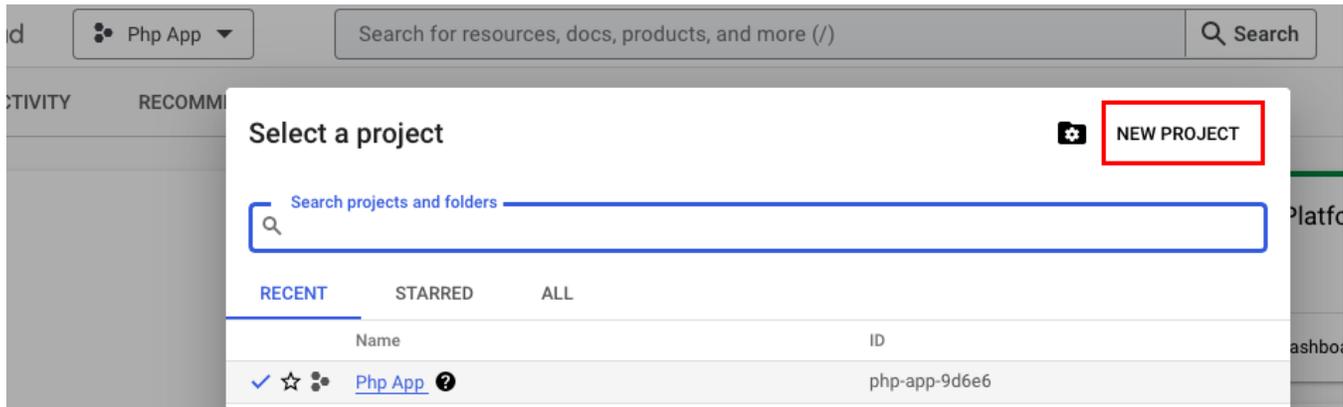
Create Google App

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 'Php App' project. The 'APIs' section is highlighted with a red box. Inside this section, there is a line chart titled 'Requests (requests/sec)' showing a 'No data is available for the selected time frame' message. Below the chart, a red arrow points to the 'Go to APIs overview' link.

Project info:

- Project name: Php App
- Project number: 507217500789
- Project ID: php-app-9d6e6

Resources:

- BigQuery: Data warehouse/analytics
- SQL: Managed MySQL, PostgreSQL, SQL Server

APIs section:

- Requests (requests/sec) chart: No data is available for the selected time frame.
- Go to APIs overview (highlighted with a red arrow)

Other sections:

- Google Cloud Platform status: All services normal
- Monitoring: Create my dashboard, Set up alerting policies, Create uptime checks, View all dashboards

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

The screenshot shows the 'APIs & Services' page. The '+ ENABLE APIS AND SERVICES' button is highlighted with a red box and a red arrow. The page displays two charts: 'Traffic' and 'Errors', both showing 'No data is available for the selected time frame'.

APIs & Services

- + ENABLE APIS AND SERVICES (highlighted)

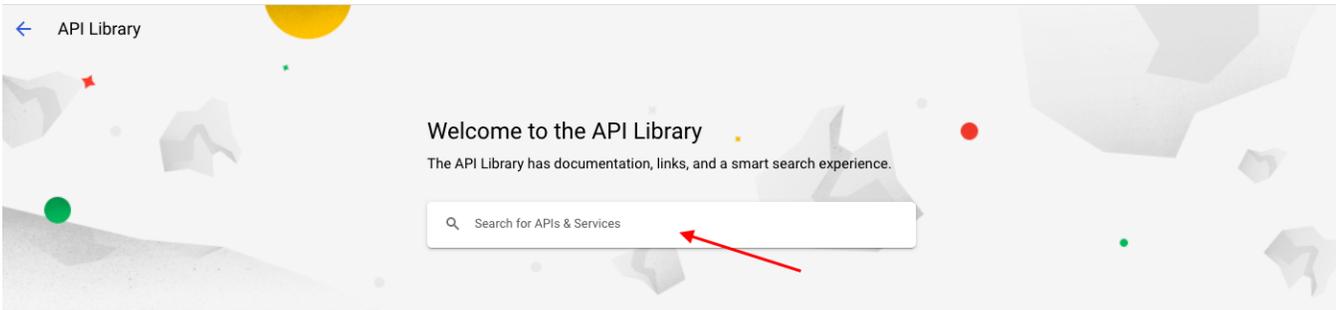
Enabled APIs & services

- Library
- Credentials
- OAuth consent screen
- Page usage agreements

Traffic chart: No data is available for the selected time frame.

Errors chart: No data is available for the selected time frame.

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.



Filter Type to filter

Visibility ^

- Public (414)
- Private (8)

Category ^

- Maps (17)
- Big data (21)

Maps VIEW ALL (17)

Maps SDK for Android
Google
Maps for your native Android app.

Maps SDK for iOS
Google
Maps for your native iOS app.

Maps JavaScript API
Google
Maps for your website.

Places API
Google Enterprise API ⓘ
Get detailed information about 100 million places

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.

Google Cloud 🔍 🗨️ 🔔 ⓘ

API Library 🔍 Google Calendar API ✕

API Library > "Google Calendar API"

Filter Type to filter

2 results

Visibility ^

- Public (2)

Category ^

- Google Enterprise APIs (1)
- Google Workspace (2)

Google Calendar API
Google Enterprise API ⓘ
With the Calendar API, you can display, create and modify calendar events as well as work with many other calendar-related objects, such as calendars or access controls.

CalDAV API
Google
With the CalDAV API, an extension of WebDAV, you can access Google Calendar information on a remote server.

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

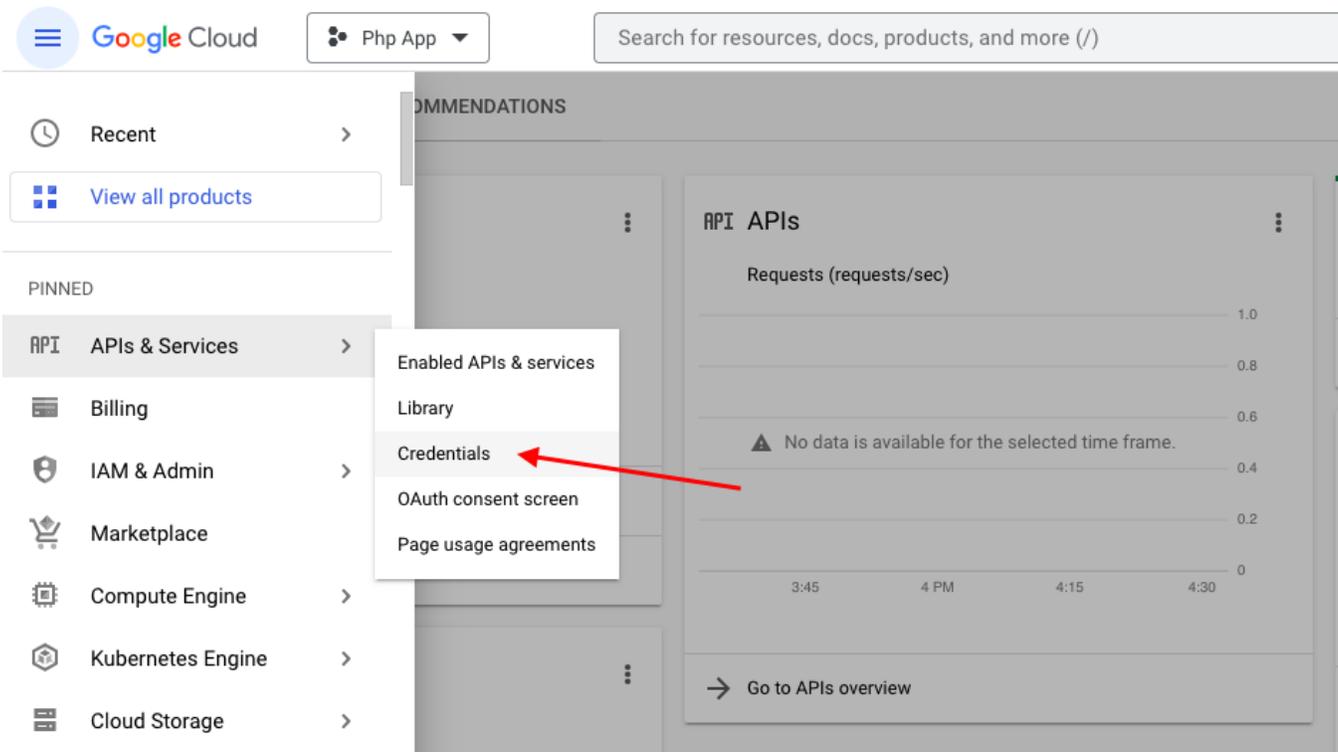
Youtube services:

- YouTube Data API v3

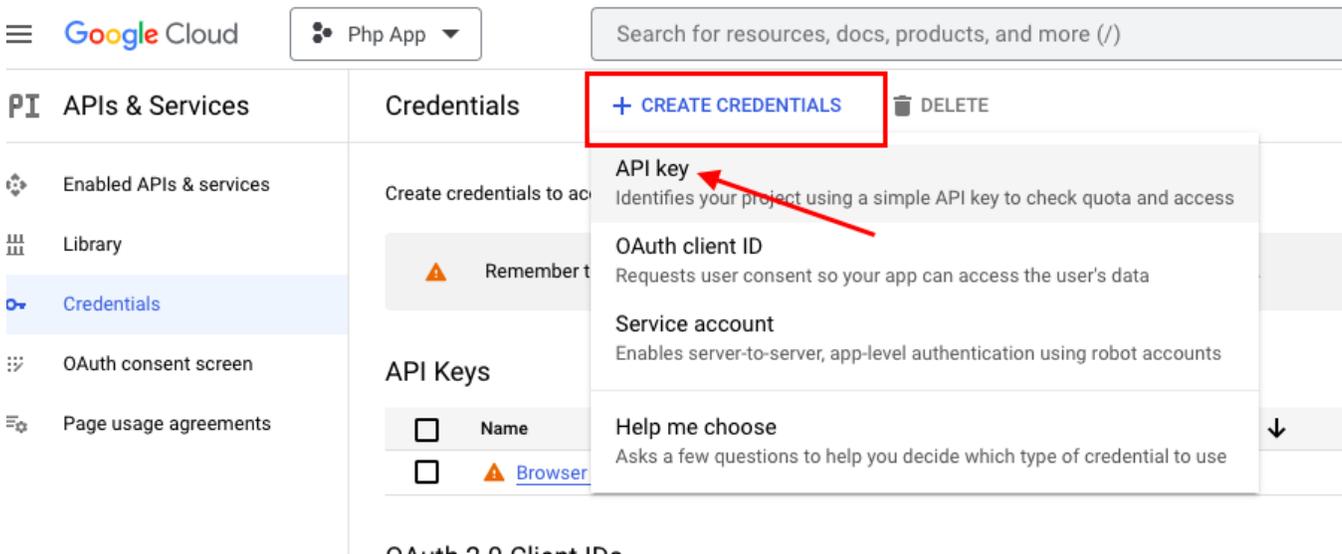
Generate Google API Key from Google App

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

AIzaSyA... [redacted]



 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**

- Settings
- Attachments
- Cache
- Captcha
- Flood Control
- License Key
- Log
- Mail
- Message Queue
- Multi-factor Authentication
- Quota Control
- SEO
- Schedule
- Session
- Site Settings**
- Storage
- Toggle Site
- Word Filters
- Members

Scripts prepend to html <body> script. Rebuild site to make the changes affected.

Append Body Scripts

Scripts append to html <body> script. Rebuild site to make the changes affected.

Enable General Data Protection Regulation (gdpr)

The General Data Protection Regulation (GDPR) affect how you as a website owner may use cookies and online tracking of visitors

Numbers of pages for scrolling down *

Define the number of pages for scrolling down (default is 2). Apply for all items on your site.

Global Search - Minimum Character *

Define the minimum number of characters that can be used in global search. This number must be greater than or equal to 1.

Google Map API Keys

Follow this guide to get Google API key: <https://developers.google.com/maps/documentation/javascript/get-api-key#creating-api-keys>

Enter your Google Map API key to the setting and Save Changes.

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.