



Instructions for Generating a Google Maps API Key



Steps

To create an API Key, please login to your Google account and follow the instructions below.

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Purpose

The purpose of this document is to provide you with the steps to be able to generate a Google API key for the location search for stockinstore.

To ensure the searches are limited to just your website & stockinstore instance, we ask each client to create their own API key and restrict the key to all domains/urls including staging/development sites.

Google requires all API keys to be registered in the Developer Console. You are allowed **25,000 API calls per day before Google invokes any charges**. Please make sure you enable Billing even if you know your website won't make more than 25,000 calls per day.

Step 1: Google Developers Console

Go to <https://console.developers.google.com>

Step 2: Create a New Project

- a) Click “Select a project” drop down on the top menu
- b) Click the “NEW PROJECT” link (Figure 1)
- c) Type “stockinstore” as the Project name
- d) Click on the “Create” button (Figure 2)

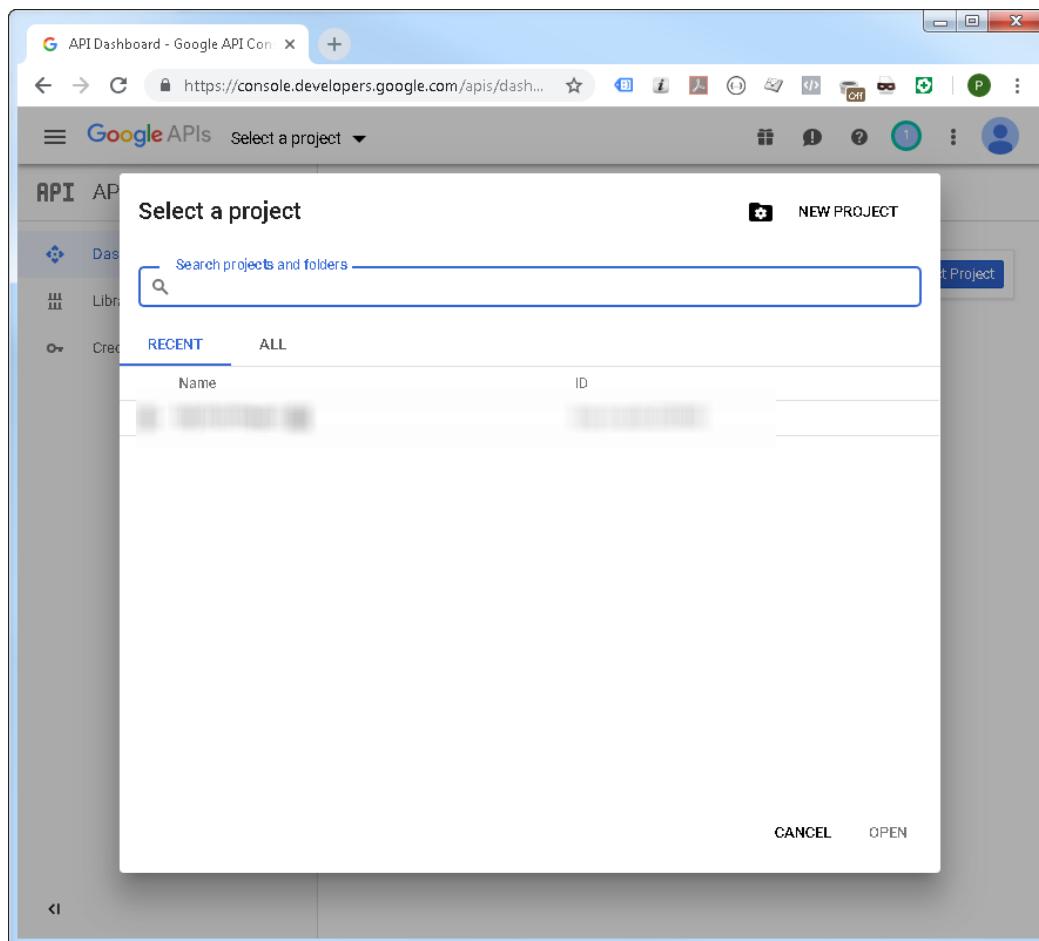


Figure 1 - Select a project

You have **11** projects remaining in your quota. Request an increase or delete projects.

[Learn more](#)

[MANAGE QUOTAS](#)

Project Name *
Stockinstore

Project ID: coral-loop-230105. It cannot be changed later. [EDIT](#)

Location *
No organization [BROWSE](#)

Parent organization or folder

CREATE **CANCEL**

Figure 2 - Set project name

Step 3: Enable APIs

- a) Click “ENABLE APIs AND SERVICES” button (Figure 3)

No APIs or services are enabled

Browse the [Library](#) to find and use hundreds of available APIs and services

Popular APIs and services

[VIEW ALL \(220\)](#)

Google Drive API Google The Google Drive API allows clients to access resources from Google Drive.	Gmail API Google Flexible, RESTful access to the user's inbox.	Maps SDK for Android Google Maps for your native Android app.
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Figure 3 - Enable Google API

Step 4: Select & Enable “Geocoding API”

- a) Type “Google Maps Geocoding” into the search box to filter the list of available APIs (Figure 4)

The screenshot shows a browser window with the URL <https://console.developers.google.com>. The title bar says "API Library - SIS Documentation". The search bar contains "Google Maps Geocoding". Below the search bar, it says "2 results". There are two cards: "Geocoding API" by Google and "Maps JavaScript API" by Google.

API	Provider	Description
Geocoding API	Google	Convert between addresses and geographic coordinates.
Maps JavaScript API	Google	Maps for your website

Figure 4 - Select Geocoding API

- b) Select “Geocoding API” and click the ENABLE button (Figure 5)

The screenshot shows a browser window with the URL <https://console.developers.google.com/apis/library/geocoding>. The title bar says "Permissions error - IAM & admin" and "APIs & Services - Stockinstore". The search bar shows "Geocoding API". The main content area shows the "Geocoding API" card with a "ENABLE" button. Below the card, there is an "Overview" section and a "Pricing" section. On the left, there is a sidebar with "Type: APIs & services", "Last updated: 1/10/19, 7:32 AM", "Category: Maps", "Service name: geocoding-backend.googleapis.com", and a "Pricing" section.

Type	Overview
APIs & services	Convert addresses into geographic coordinates (geocoding), which you can use to place markers or position the map. This API also allows you to convert geographic coordinates into an address (reverse geocoding).
Last updated	1/10/19, 7:32 AM
Category	Maps
Service name	geocoding-backend.googleapis.com
Pricing	

Figure 5 - Enable Geocoding API

Step 5: Create API Key

- Once the “Geocoding API” has been enabled, Click on “Credentials” in the menu (Figure 6)
- Click on “Create Credentials” then
- Select “API Key” link (Figure 7)

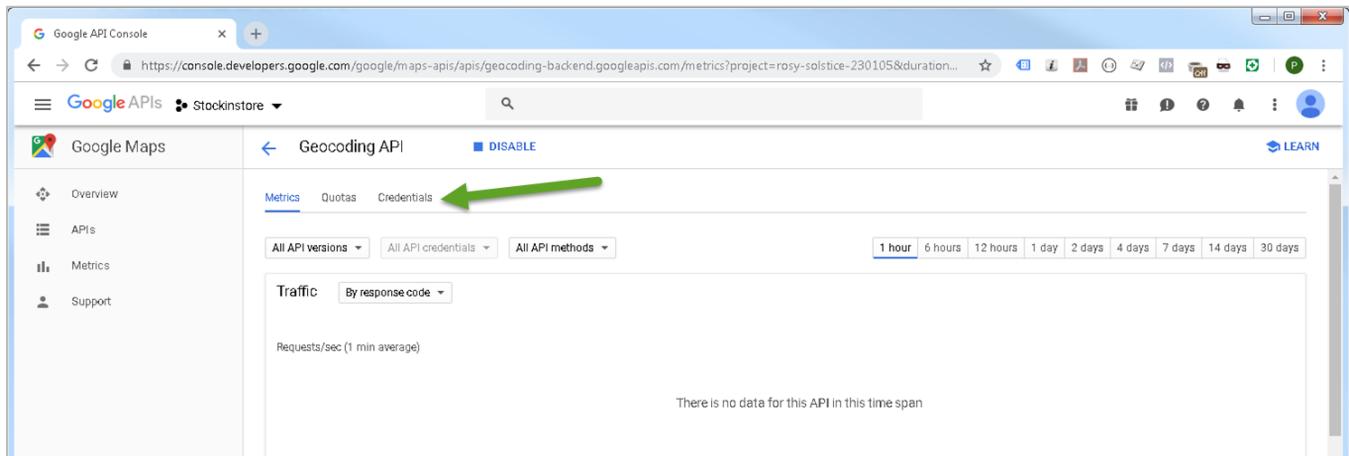


Figure 6 - Creating Credentials

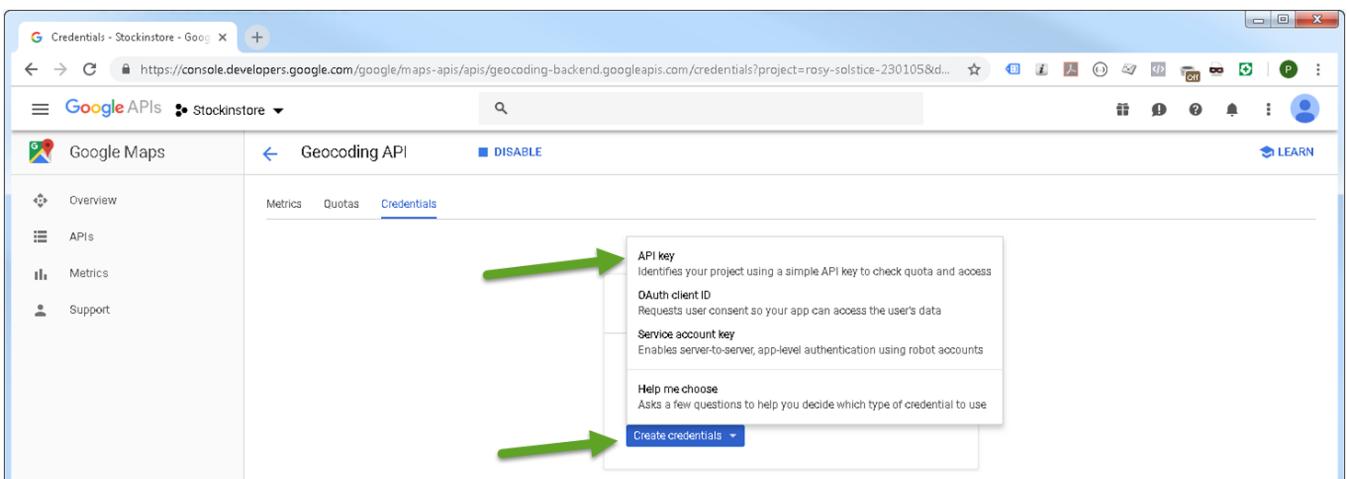


Figure 7 - Click on API Key Link

- Once the key has been created click on “RESTRICT KEY” link (Figure 8)

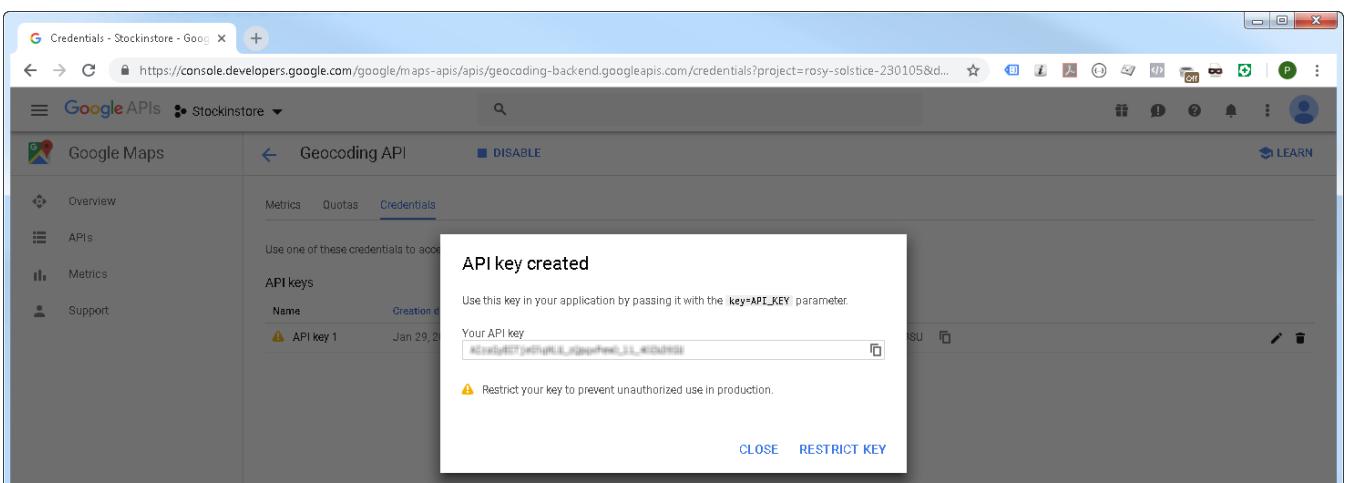
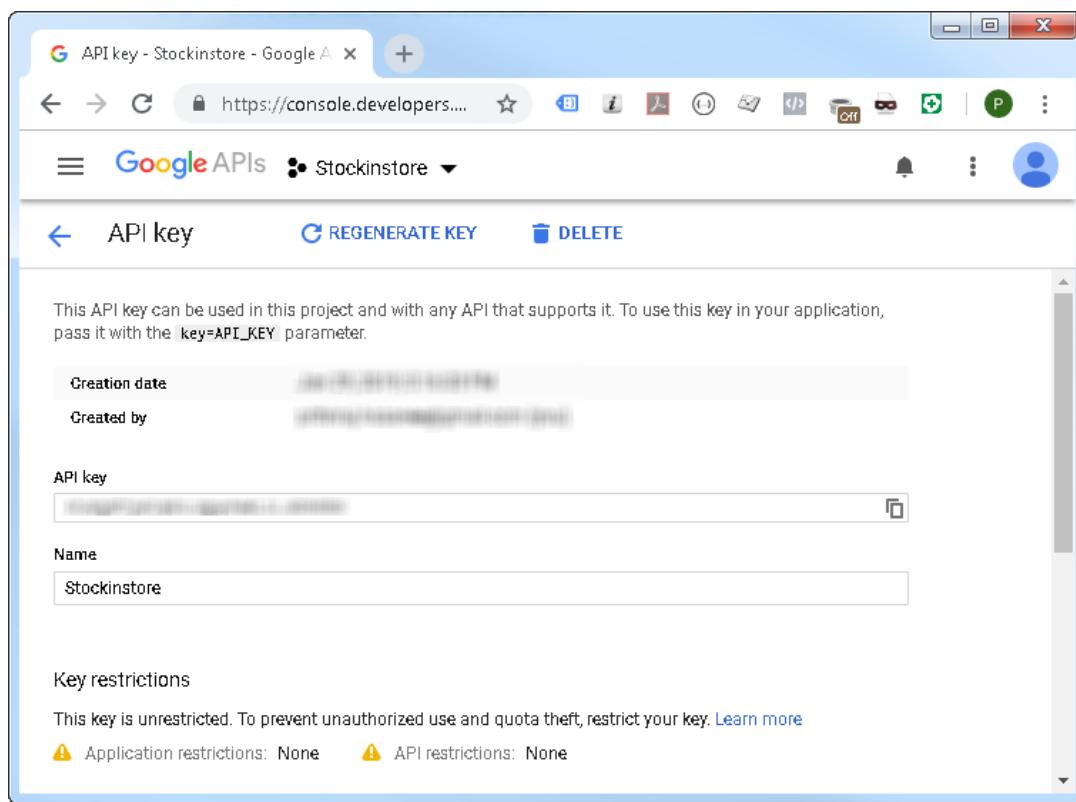


Figure 8 - Click on RESTRICT KEY Link

Step 6: Set API Key Name and Application Restrictions

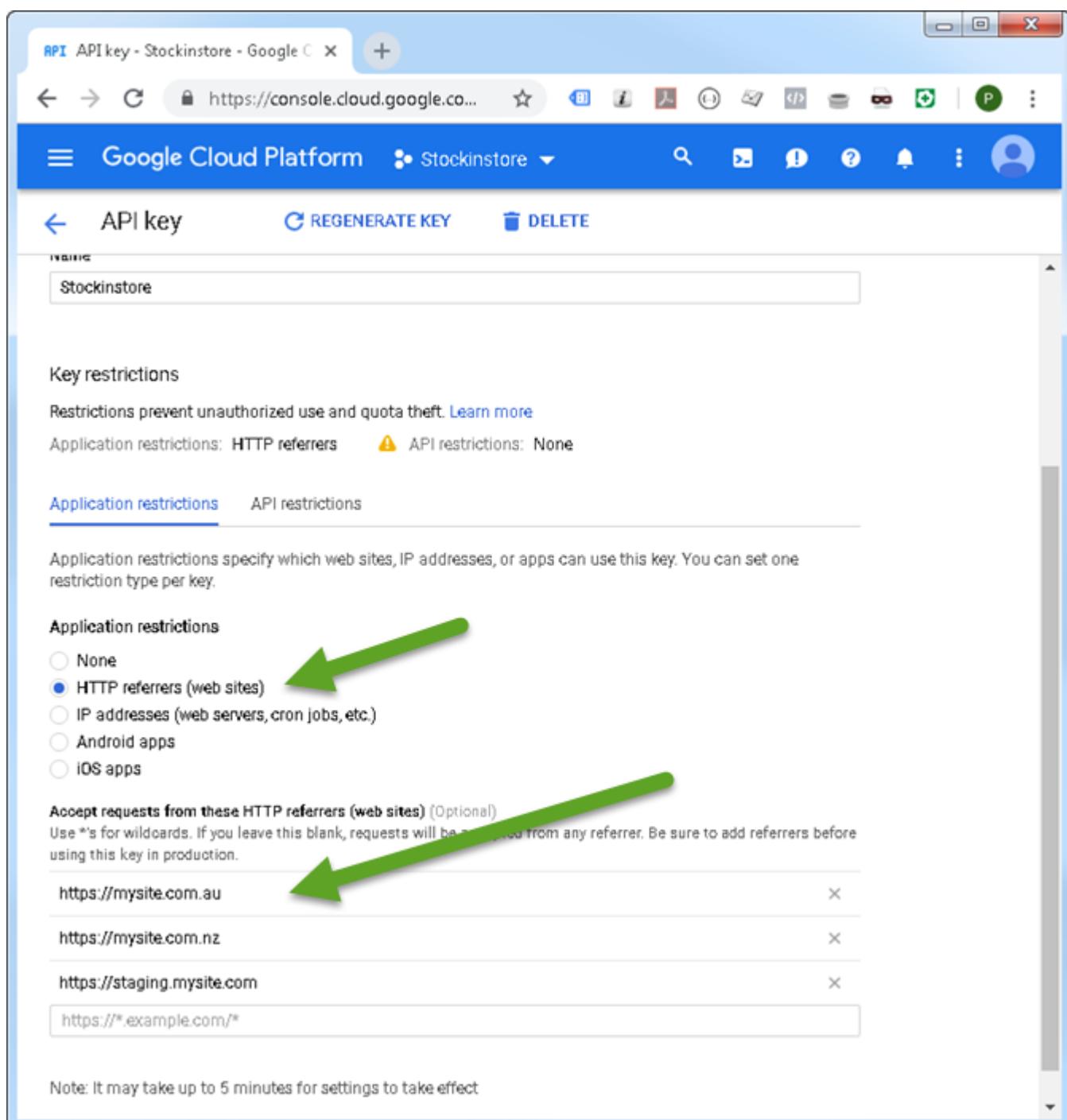
- a) Set the API Key Name to “stockinstore” (Figure 9)
- b) Under the “Application Restrictions” tab (Figure 10)
 - a. Select “HTTP referrers (web site)”
 - b. Enter all your website urls in “Accept request from these HTTP Referrers (web site)”
- c) Under API Restrictions
 - a. Select “Don’t Restrict Key”
- d) Click Save

IMPORTANT: If you use multiple website domains, please add every domain to the allowed list



The screenshot shows the Google Developer Console interface for creating an API key. The title bar says "API key - Stockinstore - Google APIs". The main area is titled "Google APIs" and "Stockinstore". It shows an "API key" section with a "REGENERATE KEY" and "DELETE" button. Below it, a note says: "This API key can be used in this project and with any API that supports it. To use this key in your application, pass it with the `key=API_KEY` parameter." There are fields for "Creation date" and "Created by", both redacted. The "API key" field contains a long string of characters, with a "Copy" icon to its right. A "Name" field is filled with "Stockinstore". At the bottom, under "Key restrictions", it says: "This key is unrestricted. To prevent unauthorized use and quota theft, restrict your key. [Learn more](#)". It shows two status indicators: "Application restrictions: None" and "API restrictions: None".

Figure 9 - Set API Key name



API key - Stockinstore - Google Cloud Platform

Stockinstore

API key [REGENERATE KEY](#) [DELETE](#)

Key restrictions

Restrictions prevent unauthorized use and quota theft. [Learn more](#)

Application restrictions: **HTTP referrers** **API restrictions: None**

[Application restrictions](#) [API restrictions](#)

Application restrictions specify which web sites, IP addresses, or apps can use this key. You can set one restriction type per key.

Application restrictions

- None
- HTTP referrers (web sites)**
- IP addresses (web servers, cron jobs, etc.)
- Android apps
- iOS apps

Accept requests from these HTTP referrers (web sites) (Optional)

Use '*' for wildcards. If you leave this blank, requests will be accepted from any referrer. Be sure to add referrers before using this key in production.

https://mysite.com.au [X](#)

https://mysite.com.nz [X](#)

https://staging.mysite.com [X](#)

https://*.example.com/*

Note: It may take up to 5 minutes for settings to take effect

Figure 10 - Set Application Restrictions

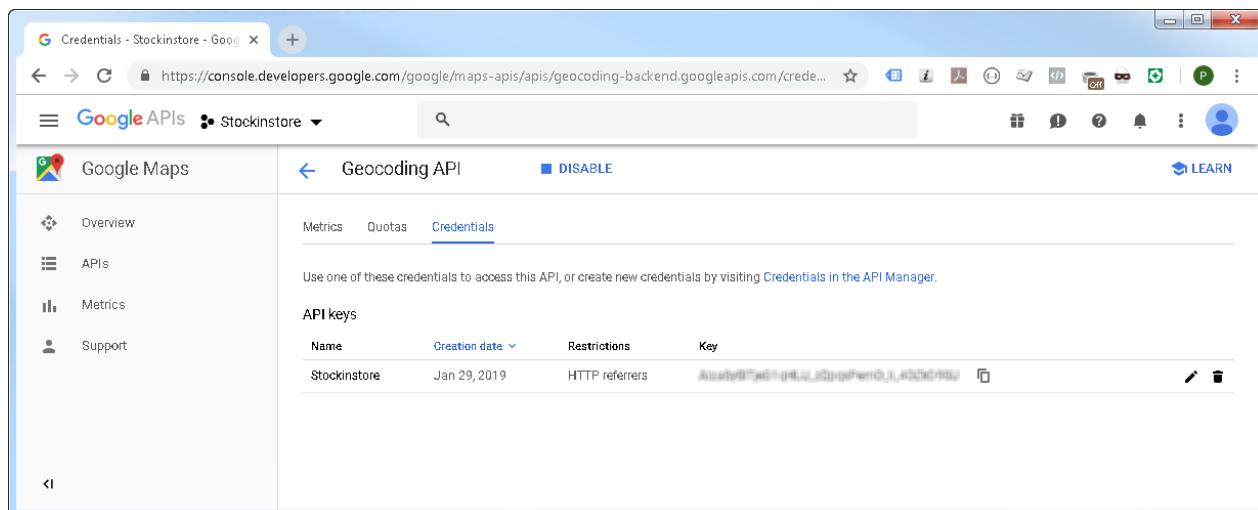


Figure 11 - Add additional APIs

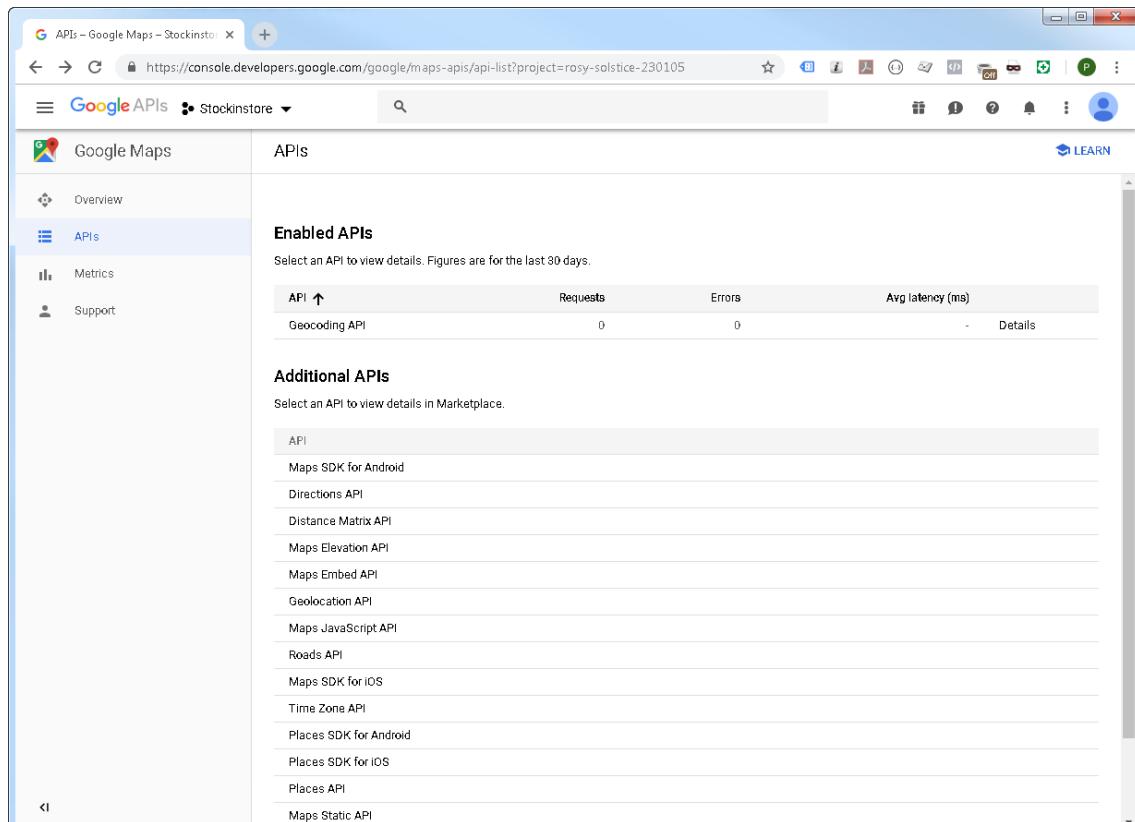
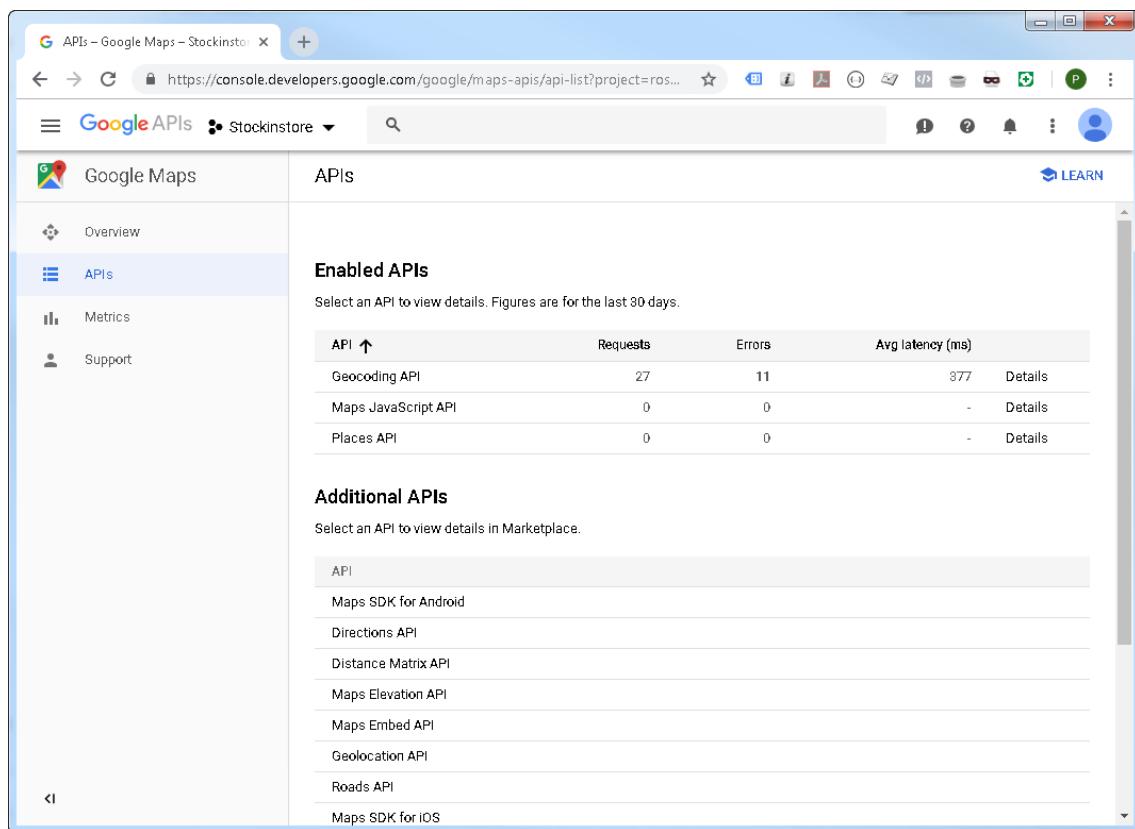


Figure 12 - Click to select API

- c) Once the additional APIs have been enabled, the following APIs should be displayed in the list of Enabled APIs (Figure 13)



The screenshot shows the Google Developer Console interface for the 'Google Maps' project. The left sidebar has 'Google APIs' selected under 'Stockinstore'. The main content area is titled 'Enabled APIs' and displays the following table:

API ↑	Requests	Errors	Avg latency (ms)	
Geocoding API	27	11	877	Details
Maps JavaScript API	0	0	-	Details
Places API	0	0	-	Details

Below this, there is a section titled 'Additional APIs' with a list of available APIs:

- Maps SDK for Android
- Directions API
- Distance Matrix API
- Maps Elevation API
- Maps Embed API
- Geolocation API
- Roads API
- Maps SDK for iOS

Figure 13 - List of all Enabled APIs

Step 8: Enable Billing

It is now a requirement to enable billing on your project to be able to use the APIs and to update the usage limit for some of the APIs (Figure 14)

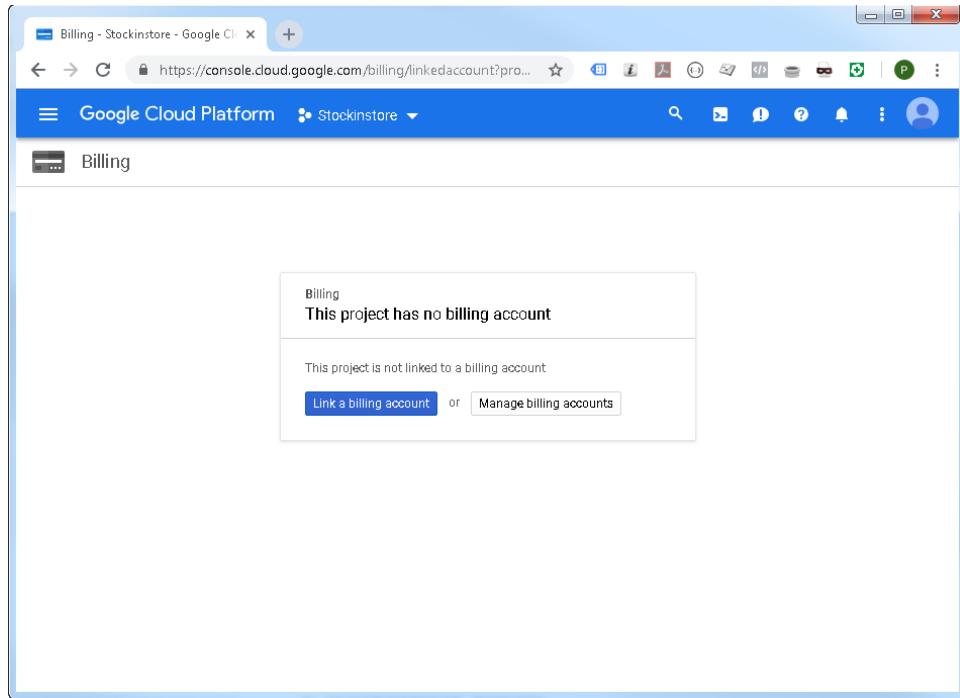


Figure 14 - Link to existing Billing account or create a billing account

Step 9: Copy the API Key & Enter into stockinstore® admin

- Click “Credentials” from the menu
- Copy the API key to your clipboard and select the copy icon (Figure 15)

The screenshot shows the Google Cloud Platform API Credentials page. The left sidebar has 'APIs & Services' selected under 'API'. The main area is titled 'Credentials' with tabs for 'Credentials', 'OAuth consent screen', and 'Domain verification'. A 'Create credentials' button is visible. Below it, a note says 'Create credentials to access your enabled APIs. For more information, see the [authentication documentation](#).'. The 'API keys' section lists one entry:

Name	Creation date	Restrictions	Key
Stockinstore	Jan 29, 2019	HTTP referrers	[REDACTED]

Figure 15 - Copy API key

- Go to the stockinstore admin area.
- Select **Settings > Widget > Google Services**
- Paste the API Key saved in Step 9 into the Google Maps API field (Figure 16)
- Save

The screenshot shows the stockinstore Admin interface under 'SETTINGS > WIDGET > GOOGLE SERVICES'. On the left, a sidebar menu is open with 'Widget' selected, showing options like 'Your Logo', 'Widget General Styling', etc. The main form fields include:

- 'Google UA Account Number': A text input field with placeholder text 'Enter your google analytic account number to create a new tracker'.
- 'Track Page View': A checkbox followed by a help icon and a 'View' button.
- 'Google Maps API': A text input field containing 'https://maps.googleapis.com/maps/api/js?key=[REDACTED]' with a link to 'Download full setup instructions [from this link](#)'.
- 'GMC Minimum Percentage Of Products to match': A text input field with '70' entered, with a link to 'Download full setup instructions [from this link](#)'.

At the bottom are 'CANCEL', 'SAVE', and 'GO LIVE ▾' buttons.

Figure 16 - stockinstore Widget Settings