

Wasp

BARCODE TECHNOLOGIES

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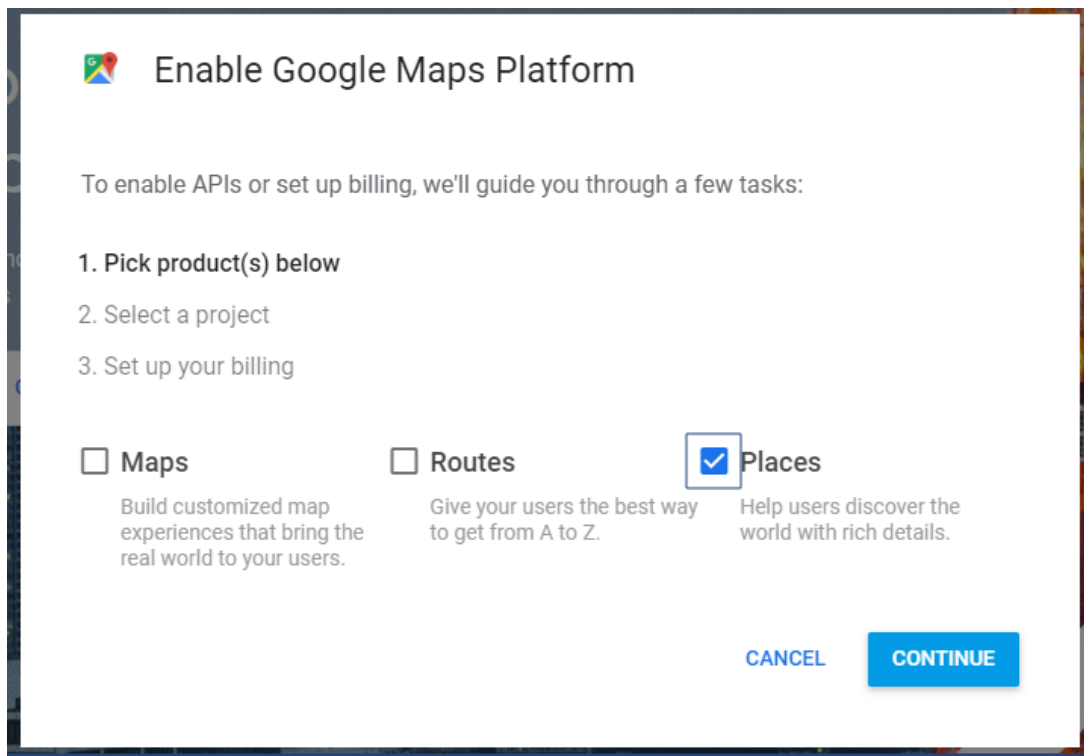
AssetCloud: Set up Google GeoCoding

Scott Leonard - 2019-11-11 - in AssetCloud

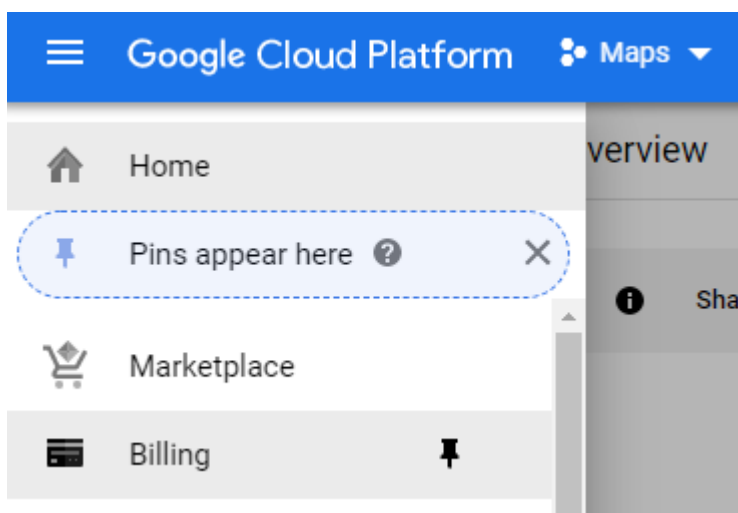
This article describes how to set up your Google account and integrate it into the Google GeoCoding feature of Wasp's AssetCloud system. A certain amount of monthly calls are free; more requires a paid account from Google. For details, see this link:

<https://cloud.google.com/maps-platform/>

1. Create a Google account if you do not already have one. When setting up the account you can select Places:



2. Go to Billing and set up a payment method:



3. Go to this link to create a project:

<https://cloud.google.com/console/google/maps-apis/overview>

New Project



You have 11 projects remaining in your quota. Request an increase or delete projects. [Learn more](#)

[MANAGE QUOTAS](#)

Project name *

AssetCloud Map project



Project ID: assetcloud-map-project. It cannot be changed later. [EDIT](#)

Location *

No organization

[BROWSE](#)

Parent organization or folder

[CREATE](#)

[CANCEL](#)

4. Select GeoCoding API and Maps JavaScript API and Enable them. You can disable the rest of the APIs.

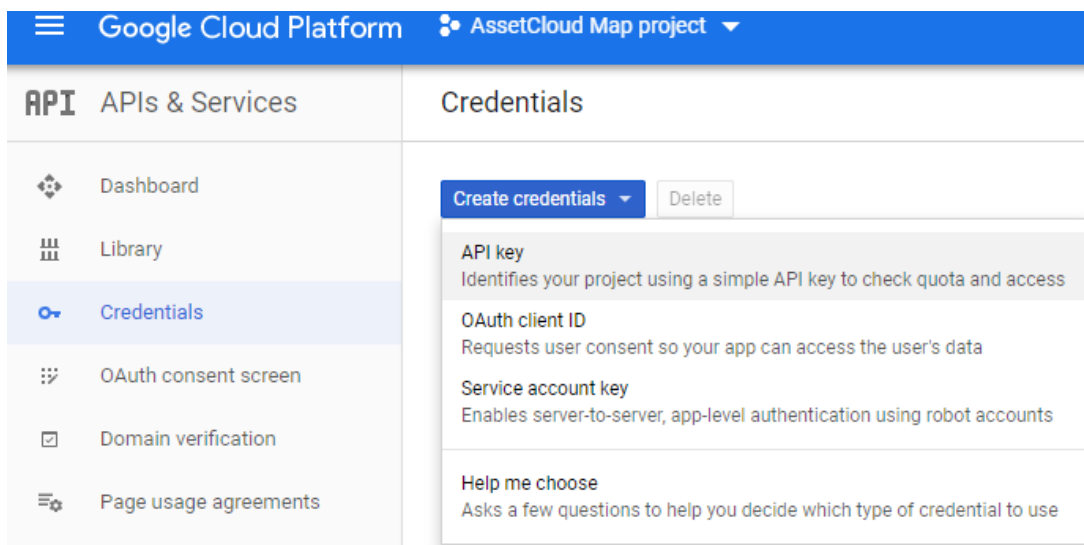
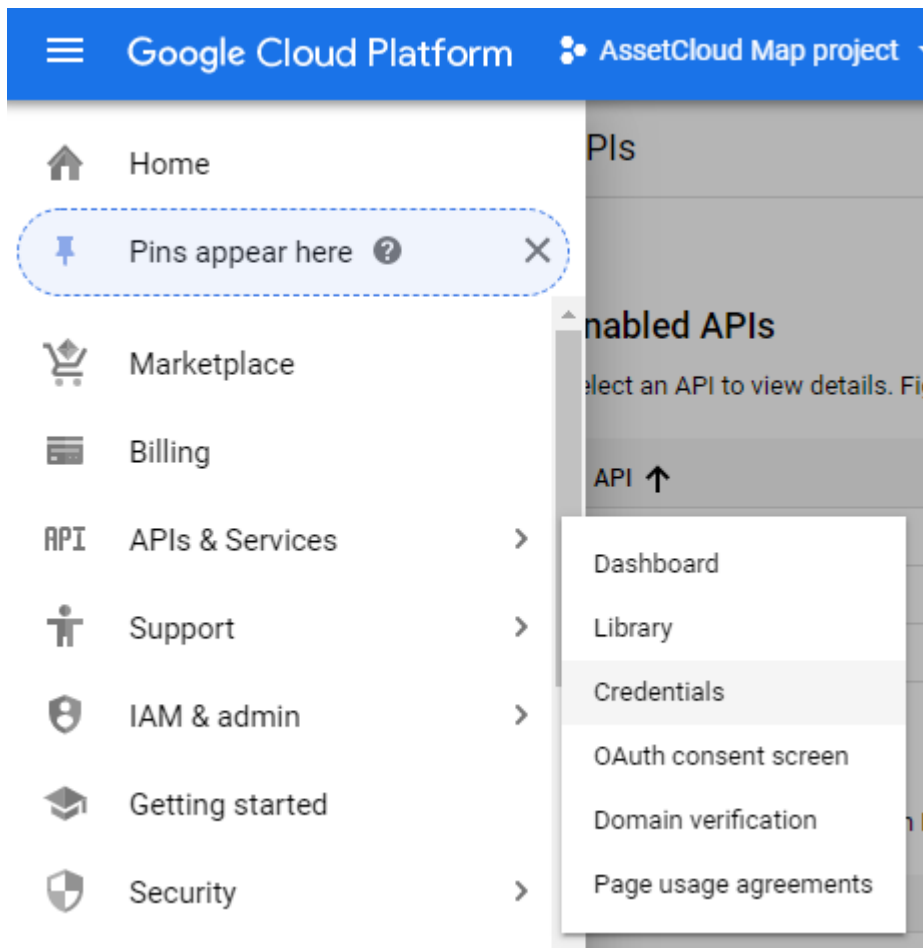
Google Cloud Platform AssetCloud Map project

Browse the marketplace to find and use Maps APIs and services.

Maps APIs and services

 Geolocation API Google Location data from cell towers and Wi-Fi nodes.	 Maps SDK for Android Google Maps for your native Android app.	 Roads API Google Snap-to-road functionality to accurately trace GPS breadcrumbs.	 Places API Google Get detailed information about 100 million places.	 Maps JavaScript API Google Maps for your website.	 Maps Embed API Google Make places easily discoverable with interactive Google Maps.	 Time Zone API Google Time zone data for anywhere in the world.
 Distance Matrix API Google Travel time and distance for multiple destinations.	 Maps SDK for iOS Google Maps for your native iOS app.	 Maps Elevation API Google Elevation data for any point in the world.	 Directions API Google Directions between multiple locations.	 Maps Static API Google Simple, embeddable map image with minimal code.	 Geocoding API Google Convert between addresses and geographic coordinates.	 Street View Static API Google Real-world imagery and panoramas.

5. Setup API Key:



API key created

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

Your API key

shdahsadasdhjioasjd9213u12131eq



 Restrict your key to prevent unauthorized use in production.

[CLOSE](#)

[RESTRICT KEY](#)

6. Restrict Key: Set restriction to "HTTP referrers (web sites)".

You can put in your Tenant URL in the website restriction for better security. Be sure to enter your own full AssetCloud tenant URL, not the example from the screenshot.

API APIs & Services

Dashboard

Library

Credentials

OAuth consent screen

Domain verification

Page usage agreements

Restrict and rename API key

REGENERATE KEY

DELETE

Name *
API key 1

Key restrictions

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

Application restrictions

An application restriction controls which websites, IP addresses, or applications can use your API key. You can set one application restriction per key.

☐ None

☒ HTTP referrers (web sites)

☐ IP addresses (web servers, cron jobs, etc.)

☐ Android apps

☐ iOS apps

Website restrictions

Restrict key usage requests to the specified websites.

If left blank, your API key will accept requests from any website.

https://YourTenant.waspassetcloud.com

ADD AN ITEM

API restrictions

API restrictions specify the enabled APIs that this key can call

☐ Don't restrict key
This key can call any API

☒ Restrict key

Note that the Google Places API does not yet enforce API restrictions. Disable the API if you want to prevent usage of that API on this key.

2 APIs

Website restrictions

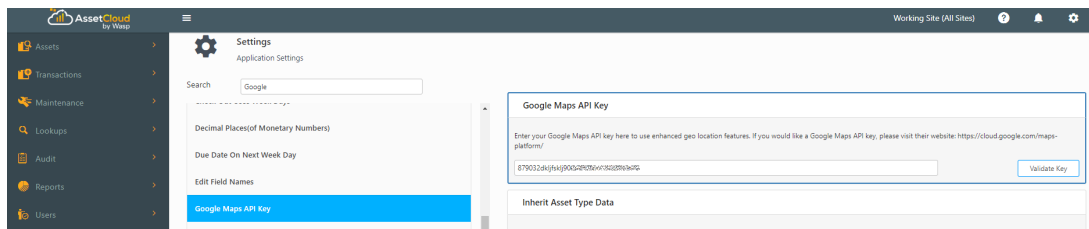
Restrict key usage requests to the specified websites.

If left blank, your API key will accept requests from any website.

https://tenant.waspassetcloud.com

ADD AN ITEM

7. Now you can use the key in AssetCloud. Go to Settings and search for google. Insert the API you created and click Validate.



8. Enhanced Google Maps will now show on the asset GeoLocation tab.