



Google reCAPTCHA API

-v3.0 Setup Guide-

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What is Google reCAPTCHA API?

Google reCAPTCHA is a sophisticated security service designed to safeguard websites from spam and abuse by effectively distinguishing between human users and automated bots.

The reCAPTCHA API offers a suite of tools for integrating this protective measure into websites and applications, ensuring robust defense against various malicious activities.

By leveraging reCAPTCHA, websites can prevent bots from submitting forms, creating accounts, or performing other disruptive actions.

The API operates through multiple verification methods, such as requiring users to solve challenges (e.g., identifying objects in images) or analyzing user behavior patterns to confirm human interactions.

Once integrated, the reCAPTCHA widget collects data on user interactions and behavior. This data is then assessed to determine whether the user is a human or a bot, with the system providing a risk score that aids in making informed decisions about subsequent actions.

In essence, reCAPTCHA enhances website security by mitigating automated submissions and spam while protecting against various forms of abuse and fraud. It aims to deliver a seamless user experience, minimizing intrusive challenges and ensuring a smooth interaction for legitimate users.

Yo!Gigs has integrated this API into the platform to help reduce spam.

Configure the Google reCAPTCHA API

Configure the Google reCAPTCHA API under Admin panel > Settings > System configurations > Third-party APIs tab.

System configurations
Configure the general system settings that will govern most of the operations of the platform.

For better understanding on each setting and their effects on the system, please refer to the user manual for admin.

To setup third-party APIs, refer to our third-party API guides for step by step guidance.

Third-party APIs

- Common settings
- Email & SMTP
- Freelancer settings
- Discussion forum
- SEO & Tag manager

Google reCAPTCHA API

Site key
Enter the application site key generated to configure the Google reCAPTCHA API.

Secret key
Enter the application secret key generated for Google reCAPTCHA to configure it.

Here are the steps to obtain the Google reCAPTCHA API key:



To obtain the key, you will need a Google account, so it's helpful to have a business Gmail account set up beforehand. If you don't have one, create it first, then follow the steps below.

Step 1: Visit the Google reCAPTCHA platform

Log into your Gmail account.

Open a new tab and go to <https://www.google.com/recaptcha/about/>.

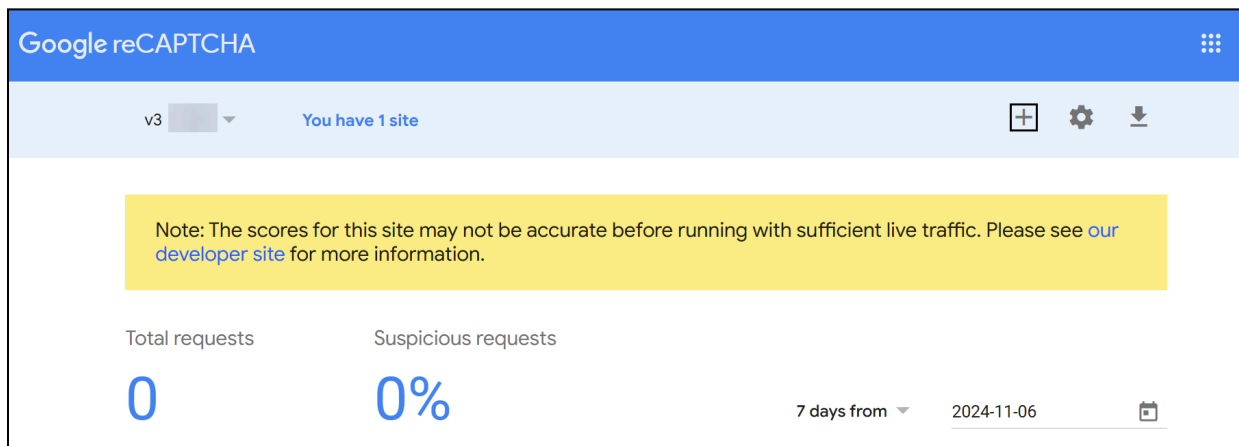


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Click **v3 Admin Console** in the top right corner.

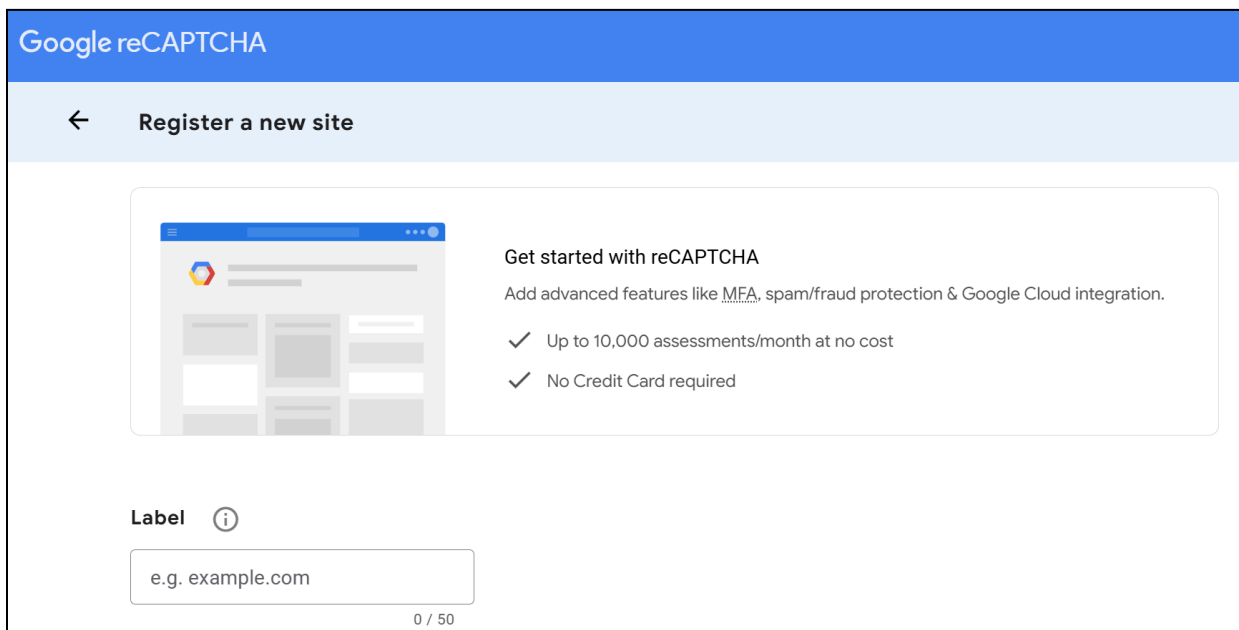
Case 1

If you have already registered a website on Google reCAPTCHA using this email address, you will be directed to the following page.



To register your Yo!Gigs website on reCAPTCHA, click in the upper-right corner of the page.

This will open the **Register a new site** form.




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Case 2

If you are a new user of Google reCAPTCHA, you will be directed to the Register a new site form.

Google reCAPTCHA

← Register a new site



Get started with reCAPTCHA

Add advanced features like [MFA](#), spam/fraud protection & Google Cloud integration.

✓ Up to 10,000 assessments/month at no cost

✓ No Credit Card required

Label ⓘ

e.g. example.com

0 / 50

reCAPTCHA type ⓘ

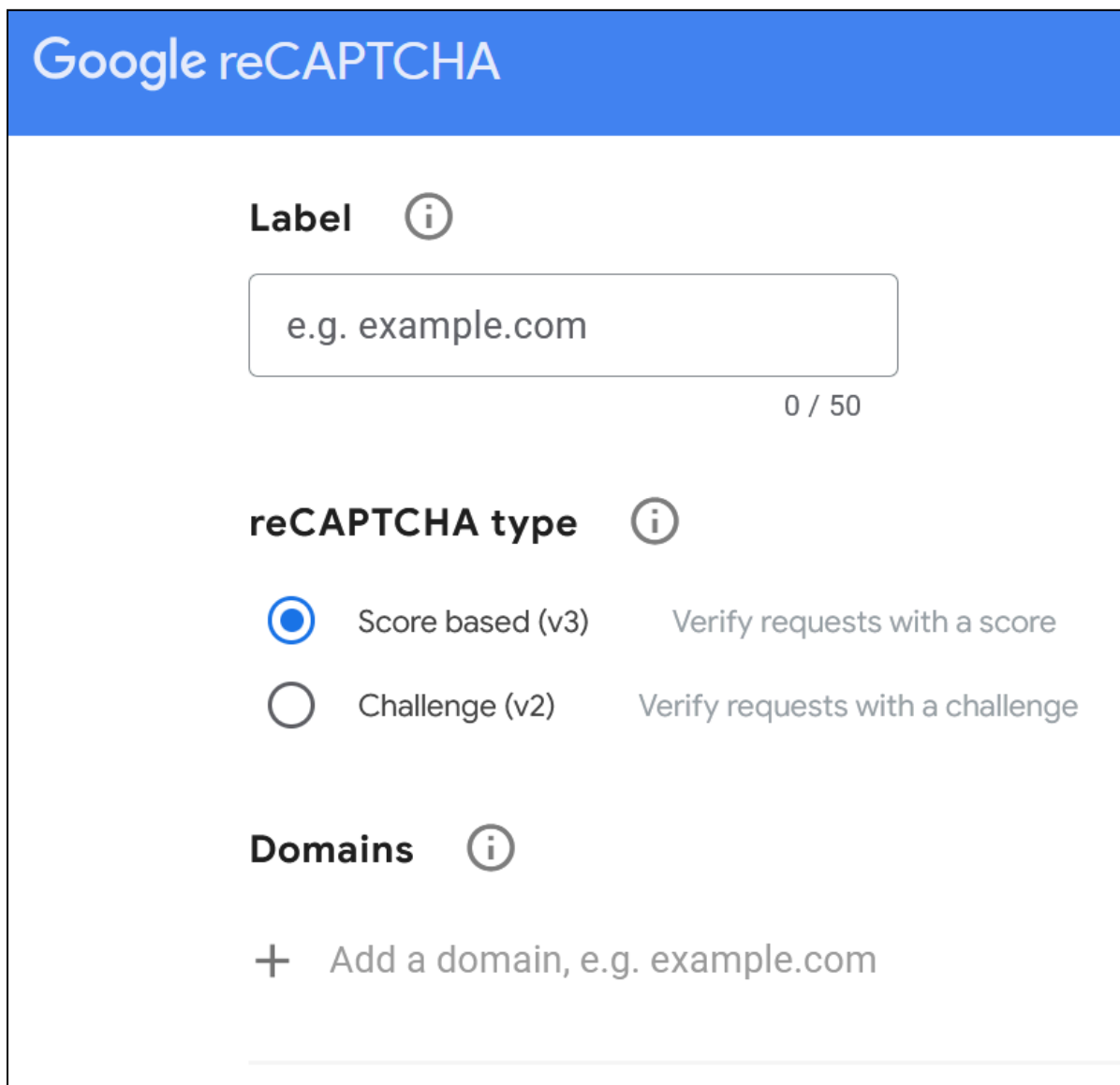
☒ Score based (v3)

Verify requests with a score

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Step 2: Fill the 'Register a new site' form

Update the following under this form:



The screenshot shows the Google reCAPTCHA registration interface. It has a blue header with the text "Google reCAPTCHA". Below the header, there are three sections: "Label", "reCAPTCHA type", and "Domains". Each section has an information icon (i) to its right. The "Label" section contains a text input field with the placeholder "e.g. example.com" and a character count "0 / 50". The "reCAPTCHA type" section has two radio button options: "Score based (v3)" which is selected and has the description "Verify requests with a score", and "Challenge (v2)" which is unselected and has the description "Verify requests with a challenge". The "Domains" section has a plus icon and the text "Add a domain, e.g. example.com" below it.

- **Label:** Enter label name following the acceptable format (your website's name).
- **reCAPTCHA type:** Select the reCAPTCHA V2 option.

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reCAPTCHA type ⓘ

☐ Score based (v3) Verify requests with a score

☒ Challenge (v2) Verify requests with a challenge

☒ "I'm not a robot" Checkbox Validate requests with the "I'm not a robot" checkbox

☐ Invisible reCAPTCHA badge Validate requests in the background

Two additional options will appear.

Select "I'm not a robot" Checkbox option.

- **Domains:** Add your website URL. For instance, if your domain name is www.yo-gigs.com, type the same in the field and press **Enter** on your keyboard to add it.

Domains ⓘ

×

fatbit.com

+

Add a domain, e.g. example.com

Scroll down to update the rest.

There are three case scenarios here:

Case 1: If you are a new Google services user, your form will look like this:

Google Cloud Platform

It doesn't look like you've used Google Cloud before. We'll create a Google Cloud Platform (GCP) project for you below at no cost. We've made some changes to our platform. [Learn more about legacy keys.](#)

Project Name*

 My Project 6975

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If you have used Google Cloud before, try [logging in](#) to a different Google account.

[^](#) GOOGLE CLOUD PLATFORM

☐ I agree to the [Google Cloud Platform Terms of Service](#), and the terms of service of [any applicable services and APIs](#).

CANCEL

SUBMIT

Case 2: If you are an old Google services user (means you have already used Google Cloud Console platform before), your form will look like this:

Google Cloud Platform

It looks like you've used Google Cloud before. To get started, we'll create a new project and enable the necessary APIs.

Project Name*

 My First Project

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[^](#) GOOGLE CLOUD PLATFORM

CANCEL

SUBMIT


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Case 3: If you are using a Google Business account for Google services, your form will look like this:


Google Cloud Platform

It looks like you've used Google Cloud before. To get started, we'll create a new project and enable the necessary APIs.


Project Name*

 My Project 786

Create in

 saintchris-school.org

14 / 30



^ GOOGLE CLOUD PLATFORM

CANCEL

SUBMIT

In all cases, you must create a new project using this form.

Update the relevant fields based on your specific situation:

- **Project Name*:** This field is applicable for all cases.

Enter or edit the project name in the field provided; it can be the same as your platform or domain name.

- **Create in*:** This field is applicable if you are using your Google Business account {where your account is a part of Google Workspace or Cloud Identity and whose email domain (@yo-gigs.com) is the same as your business domain (https://yo-gigs.com)} to create the keys.

This field allows you to select the organizational unit (such as an organization or folder) within your Google Cloud account where the project will be created.



Google Cloud provides organizations and locations to help businesses manage and structure their resources efficiently. Organizations allow

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centralized control over multiple projects and enable fine-grained access management, while locations (regions) are used to optimize performance, compliance, and redundancy by placing resources closer to users and meeting regulatory requirements.

This field will list the available locations (if there are more than 1) and you can choose the applicable one.

- **I agree to the Google Cloud Platform Terms of Service, and the terms of service of any applicable services and APIs:** Check mark this to accept the terms of service.



This checkbox will appear only if you are a new user, whether you have a Google Business account or a regular Google account.

Click **Submit**.

With this, the keys will be generated.


Step 3: Copy the keys

It takes about a minute to set up the reCAPTCHA settings in Google Cloud.

However, you can still move ahead and copy-paste the keys in the right place.

There are two keys used to configure the reCAPTCHA API.


Adding reCAPTCHA to your site



We're still setting up reCAPTCHA settings in Google Cloud, but you can get started using the key details below.


It should take around 1 minute to completely setup. Once completed, you'll have unlimited assessments and the ability to use advanced features like MFA and Account Defender.

Use this site key in the HTML code your site serves to users. [See client side integration](#)

 COPY SITE KEY

6LPHuqptAAAAACPhdEgPndC32ru0GyAgp_1fT8u0


Use this secret key for communication between your site and reCAPTCHA. [See server side integration](#)

 COPY SECRET KEY

6LPHuqptAAAAACQy4Zq11fT8ruw0dFg0u0

Copy each key one by one and paste them in the required location ([step 4](#)).

As you are copying, a new message will appear sharing the confirmation that the set up has been completed.



Success - you're all set up!

- ✓ Manage settings in the Google Cloud Project
- ✓ Up to 10,000 assessments/month at no cost

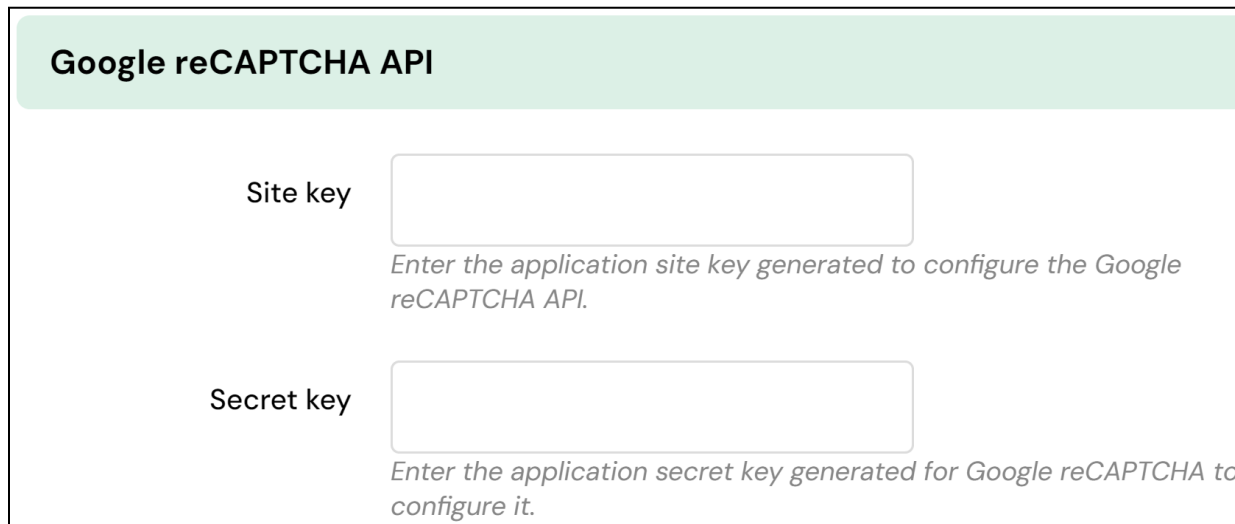
Visit the [Google Cloud Platform project](#) hosting your reCAPTCHA keys to enable advanced features.

Step 4: Paste the keys on the Yo!Gigs admin panel

On another tab, open the admin panel of your platform.

Go to **Settings > System configurations > Third-party APIs** tab.

Paste the site key in the **Site key** field, and the secret key in the **Secret key** field.



The screenshot shows a configuration form titled "Google reCAPTCHA API". It contains two input fields. The first field is labeled "Site key" and has a placeholder text: "Enter the application site key generated to configure the Google reCAPTCHA API." The second field is labeled "Secret key" and has a placeholder text: "Enter the application secret key generated for Google reCAPTCHA to configure it."

Click **Save changes** to update the details in the system.


This action will configure the **Google reCAPTCHA API** in the system.

Working of the Google reCAPTCHA API


The reCAPTCHA security section is displayed on the Contact us form.

Contact us


Your feedback helps us improve our services



Want to talk to us?
+91 6284314570




Send us an email
connect@fatbit.com



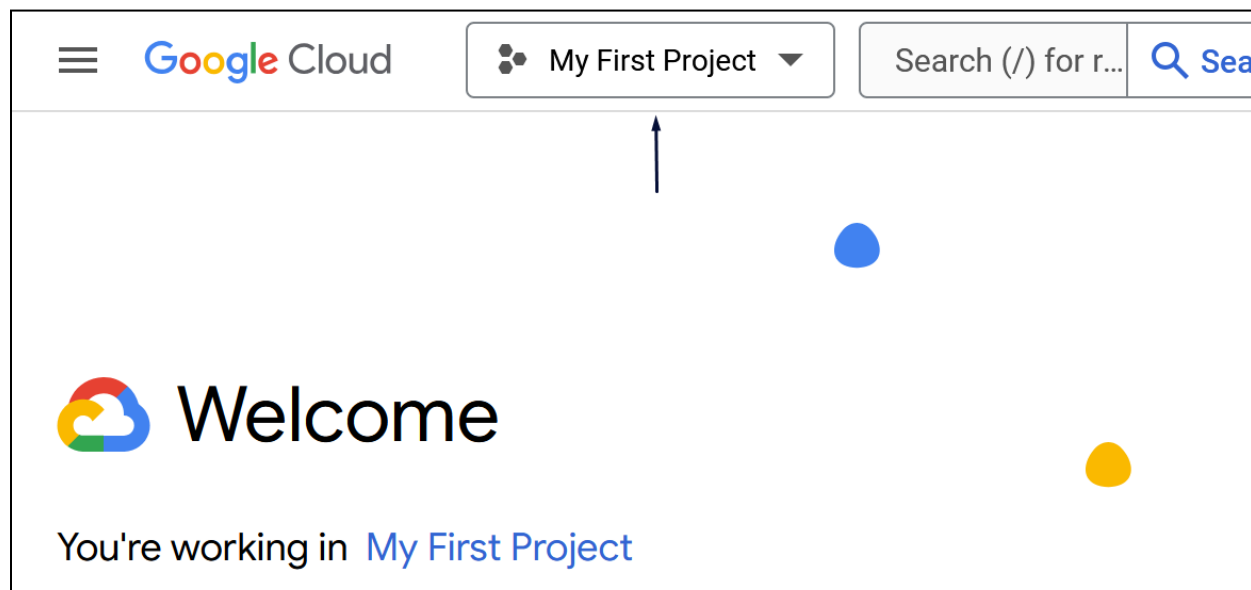
Get in touch
ITC 3, Sector 67, Sahibzada Ajit Singh Nagar,
Punjab 160062

Fill out your details in the form below.
And our experts will get back to you as soon as possible.

☐ I'm not a robot 

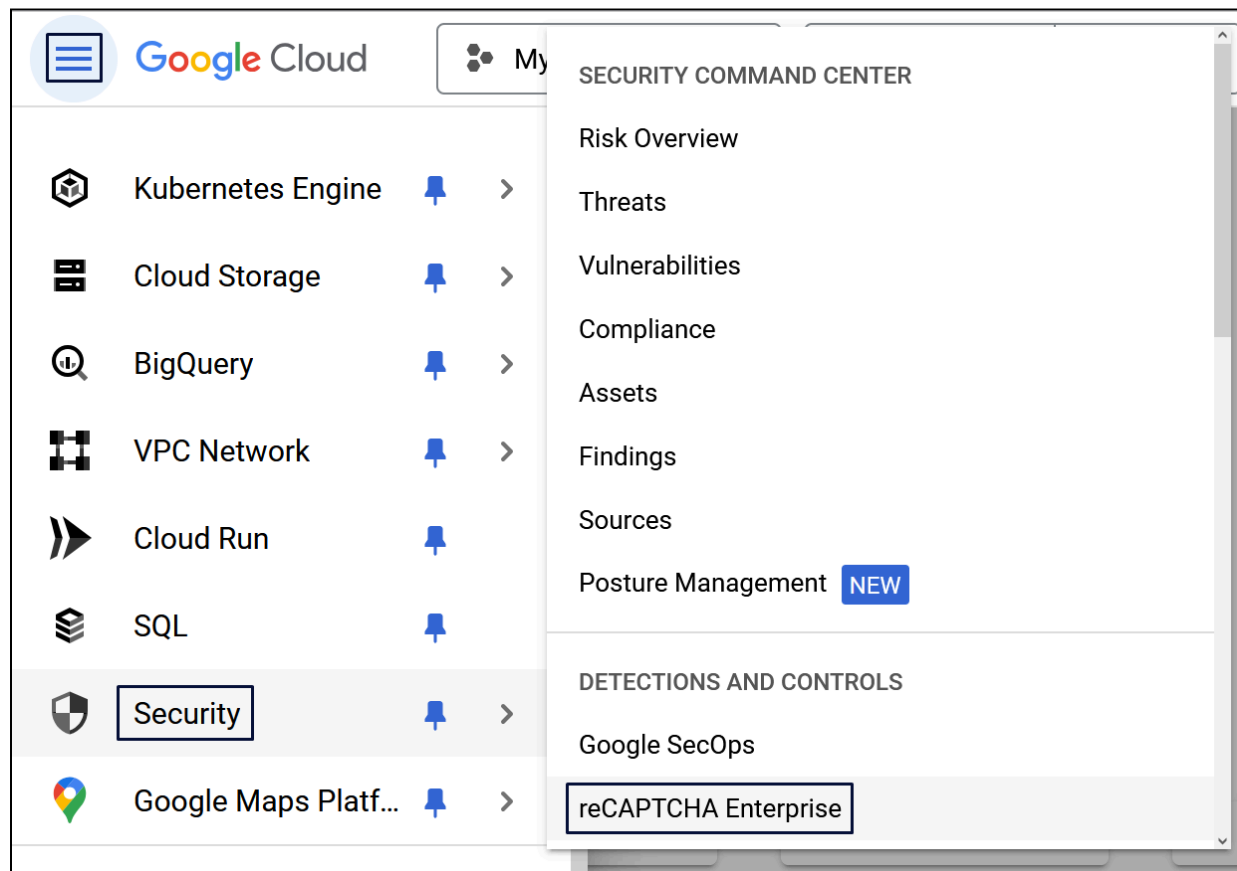
Submit

Keep track of scores and outcome of this API on the [Google Cloud Console](#) platform. Visit it and select the project under which the Google reCAPTCHA keys were created.



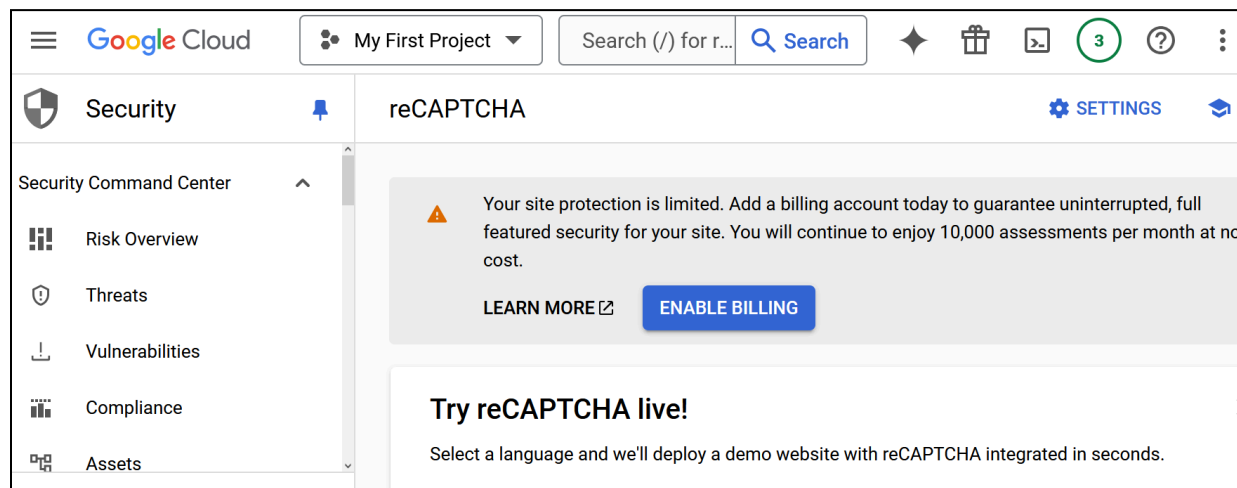
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From the navigation menu, go to **Security** and select **reCAPTCHA Enterprise**.



This will direct you to the reCAPTCHA page.

Ensure you add a billing method to use this service properly.



Once done, keep track of all the reports on this page at any time.

Yo!Gigs - Online Service Marketplace Solution

Visit <https://www.yo-gigs.com/> to know more!



www.fatbit.com | sales@fatbit.com

[Contact us](#)

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