

# Cookbook - Google Captcha

- [Overview SaaS](#)

## Overview SaaS

Google captcha integration allow to prevent scripted submission of form on your [storefront](#).

Enablement of this feature is done via [CMS](#) using specific content includes. When includes are defined in CMS and have active enablement dates and enabled flag is switched on they automatically trigger additional verification process upon form submission.

Register a new site

This step requires google account.

Register a new site using form. Navigate to [reCaptcha admin site](#)

## Register a new site

### Label

YesCart local

### Choose the type of reCAPTCHA ?

- ☒ reCAPTCHA V2  
Validate users with the "I'm not a robot" checkbox.
- ☐ Invisible reCAPTCHA  
Validate users in the background.
- ☐ reCAPTCHA Android  
Validate users in your android app.

### Domains

(one per line)

yc.localhost.com

☒ Accept the reCAPTCHA Terms of Service.

By accessing or using the reCAPTCHA APIs, you agree to the Google APIs [Terms of Use](#), and to the Additional Terms below. Please read and understand all applicable terms and policies before accessing the APIs.

▶ [reCAPTCHA Terms of Service](#)

☒ Send alerts to owners ?

Register

The following data will be generated:

- site key (public key)
- secret key (private key)
- client side integration form (which already contains site key)
- server side integration (POST URL and required parameters)

### ▼ Keys

### Site key

Use this in the HTML code your site serves to users.

Secret key

Use this for communication between your site and Google. Be sure to keep it a secret.

### ▼ Step 1: Client side integration

Paste this snippet before the closing `</head>` tag on your HTML template:

```
<script src='https://www.google.com/recaptcha/api.js'></script>
```

Paste this snippet at the end of the `<form>` where you want the reCAPTCHA widget to appear:

<div class="g-recaptcha" data-sitekey="XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX" data-callback="onload" data-render="explicit" data-theme="light"></div>

The [reCAPTCHA documentation site](#) describes more details and advanced configurations.

### ▼ Step 2: Server side integration

When your users submit the form where you integrated reCAPTCHA, you'll get as part of the payload a string with the name "g-recaptcha-response". In order to check whether Google has verified that user, send a POST request with these parameters:

URL: <https://www.google.com/recaptcha/api/siteverify>

<b>secret</b> (required)	<code>g-recaptcha-response</code>
<b>response</b> (required)	The value of 'g-recaptcha-response'.
<b>remoteip</b>	The end user's ip address.

Create required content for reCaptcha in JAM

reCaptcha can be enabled for three different forms independently: Contact Us form, Registration form and Newsletter submit form.

Create two content categories for each form with following contents. Replace {site key} and {secret key} placeholders with your values generated by reCaptcha

contentUri	content
contactus_form_recaptcha_public_key	<pre>&lt;script src='https://www.google.com/recaptcha/api.js'&gt;&lt;/script &lt;div class="g-recaptcha" data-sitekey="{site key}"&gt;&lt;/div&gt;</pre>
contactus_form_recaptcha_private_key	<pre>{secret key}</pre>
registration_form_recaptcha_public_key	<pre>&lt;script src='https://www.google.com/recaptcha/api.js'&gt;&lt;/script &lt;div class="g-recaptcha" data-sitekey="{site key}"&gt;&lt;/div&gt;</pre>

registration_form_recaptcha_private_key	{secret key}
newsletter_form_recaptcha_public_key	<pre>&lt;script src='https://www.google.com/recaptcha/api.js'&gt;&lt;/script &lt;div class="g-recaptcha" data-sitekey="{site key}"&gt;&lt;/div&gt;</pre>
newsletter_form_recaptcha_private_key	{secret key}

#### Example

Example of contact form component with reCaptcha enabled:

Name


Phone

Call me back


☐

Message

☐ I'm not a robot


  
reCAPTCHA
  
[Privacy](#) - [Terms](#)

Send



#### reCaptcha localization

Add 'hl' parameter to force the reCaptcha widget to render in a specific language. This parameter is optional. If not provided then client locale will be used.

```
<script src='https://www.google.com/recaptcha/api.js?hl=de'></script>
```

Full list of locales can be found [here](#)

reCaptcha example with DE localization:

Name

Name

Phone

Phone

Call me back

☐

Message

☐

Ich bin kein Roboter.



reCAPTCHA

[Datenschutzerklärung](#) - [Nutzungsbedingungen](#)

Senden

