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# **Agentur loop - Interview Task**

# **Integrate Google reCAPTCHA**

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10th Dec, 2020

# Integrate Google reCAPTCHA

## Introduction

**User registration** supports google reCaptcha feature. **reCaptcha** is a free service that protects your site from spam and abuse. It uses advanced risk analysis techniques to tell humans and bots apart.

To add google reCaptcha to your Registration form, go to your form and enable reCaptcha support.

## Google reCaptcha Settings

First of all, you need to integrate your Google reCaptcha account in the User Registration Settings. Go to Google's overview page to register your site, and generate Site Key and Secret Key.

After you acquire the Site Key and Secret Key, go to your Magneto Admin

## About reCAPTCHA type:

There are two types of reCAPTCHA that you can integrate into your site i.e. reCAPTCHA v2 and the NEW reCAPTCHA v3.

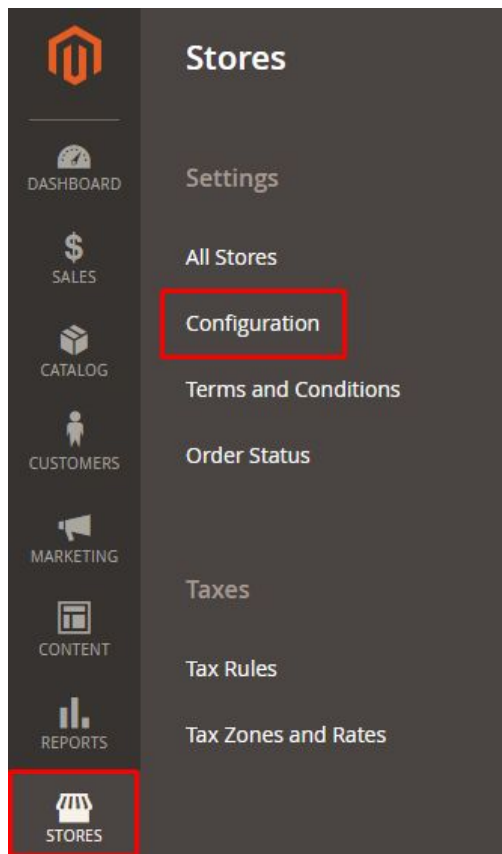
reCAPTCHA v2 tracks users' actions to identify bots. There are two options in this: Checkbox reCAPTCHA and Invisible reCAPTCHA

reCAPTCHA v3 returns a score for each request from 0.0 to 0.1. And, depending on the score the valid requests are passed. So, it doesn't track user friction like v2.

After, you select your reCaptcha version, copy-paste the Site Key and Secret Key in the Magento admin

## Configure Magento 2 reCAPTCHA

Go to the admin panel of your store and navigate to **STORES → Configuration**:



Now click on Google reCAPTCHA Storefront under Security tab:

## Magento has three reCaptcha configuration settings

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**reCAPTCHA v2 ("I am not a robot")**

**reCAPTCHA v2 Invisible**

**reCAPTCHA v3 Invisible**

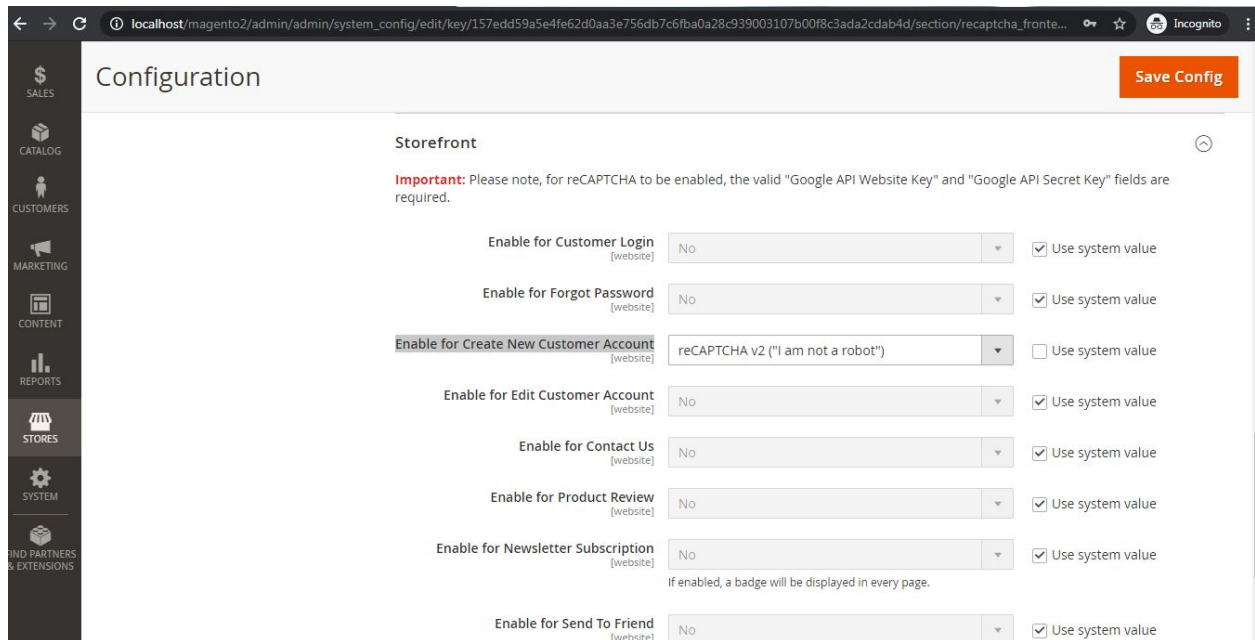
Every option will have settings there we need to

Google API Website Key & Google API Secret Key

Then We need to set the Storefront Settings to enable reCaptcha

The screenshot shows the Magento Configuration interface. On the left is a sidebar with navigation links: DASHBOARD, SALES, CATALOG, CUSTOMERS, MARKETING, CONTENT, REPORTS, STORES, and SYSTEM. The main content area is titled 'Configuration' and shows the 'Default Config' scope. A yellow message bar at the top states 'You saved the configuration.' Below this, a sidebar on the left lists configuration categories: GENERAL, CATALOG, SECURITY (selected), and CUSTOMERS. Under the SECURITY category, the 'Google reCAPTCHA Storefront' option is highlighted. The main panel displays the 'reCAPTCHA v2 ("I am not a robot")' settings. It includes input fields for 'Google API Website Key' and 'Google API Secret Key', both with '[website]' labels. Below these are dropdown menus for 'Size' (set to 'Normal') and 'Theme' (set to 'Light Theme'), each with a 'Use system value' checkbox. At the bottom, there is a 'Language Code' field with a '[store view]' label and a 'Use system value' checkbox. A note below the Language Code field states: 'Optional, Forces the widget to render in a specific language. Auto-detects the user's language if unspecified. See [supported Language Codes](#).'

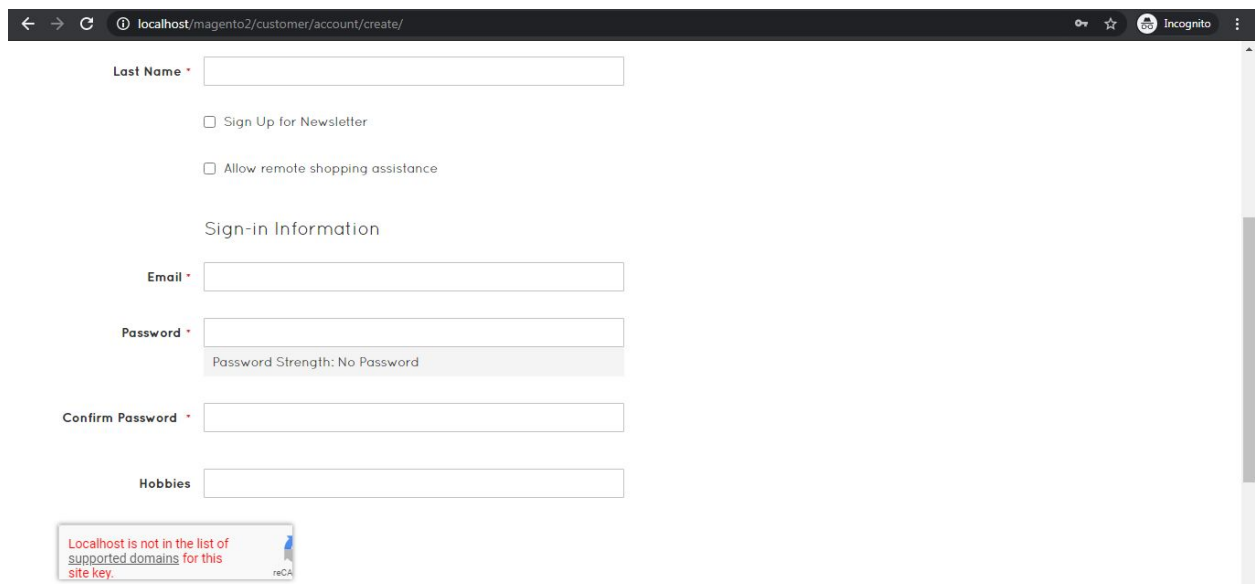
To add google recaptcha to the customer registration form, we need to enable to below settings



The screenshot shows the Magento 2 Configuration page for the **recaptcha\_frontend** section. The left sidebar contains navigation links for SALES, CATALOG, CUSTOMERS, MARKETING, CONTENT, REPORTS, STORES, SYSTEM, and THIRD PARTNERS & EXTENSIONS. The main content area is titled "Configuration" and includes a "Save Config" button. Under the "Storefront" section, there is an important note: "Important: Please note, for reCAPTCHA to be enabled, the valid 'Google API Website Key' and 'Google API Secret Key' fields are required." Below this, several settings are listed with dropdown menus and checkboxes:

- Enable for Customer Login** [website]: No (dropdown), ☒ Use system value
- Enable for Forgot Password** [website]: No (dropdown), ☒ Use system value
- Enable for Create New Customer Account** [website]: reCAPTCHA v2 ("I am not a robot") (dropdown), ☐ Use system value
- Enable for Edit Customer Account** [website]: No (dropdown), ☒ Use system value
- Enable for Contact Us** [website]: No (dropdown), ☒ Use system value
- Enable for Product Review** [website]: No (dropdown), ☒ Use system value
- Enable for Newsletter Subscription** [website]: No (dropdown), ☒ Use system value  
If enabled, a badge will be displayed in every page.
- Enable for Send To Friend** [website]: No (dropdown), ☒ Use system value

For enabling Create New Customer Account. This will enable the reCaptcha in the frontend.



The screenshot shows the Magento 2 customer account creation form. The form includes the following fields and options:

- Last Name \***: Text input field.
- ☐ Sign Up for Newsletter
- ☐ Allow remote shopping assistance
- Sign-in Information**: Section header.
- Email \***: Text input field.
- Password \***: Text input field. Below it, a message states: "Password Strength: No Password".
- Confirm Password \***: Text input field.
- Hobbies**: Text input field.

At the bottom of the form, there is a red warning message: "Localhost is not in the list of supported domains for this site key." with a reCAPTCHA logo.

**If the client says he hates captchas, what you suggest to do instead?**

I would suggest them user friendly field which has Math Captcha