Enable Google reCaptcha

251 admin November 13, 2024 Features & Functionalities, Security Features 14882

Enabling google reCaptcha for GUI authentication

Overview: This article describes the configuration of Google reCaptcha to add an extra layer of security to your login process with visible or invisible modes for the reCaptcha prompt on the login page.

We have following options under Login captcha.

- 1. Disable Disable login captcha.
- 2. **reCAPTCHA v2** In reCAPTCHA v2, the "I'm not a robot" checkbox asks the user to confirm they are not a bot.
- 3. **Invisible reCAPTCHA** The invisible reCAPTCHA badge does not require the user to click on a checkbox, instead it is invoked directly when the user clicks on an existing button on your site.
- 4. **reCAPTCHA v3** The reCAPTCHA v3 runs silently in the background without requiring any input from the user. It tracks how the user behaves to determine whether they are likely a bot and provides a risk score from the user behavior.
- 5. <u>Turnstile</u> Cloudflare Turnstile is a bot protection tool that works in the background to verify users are human. It doesn't require puzzles or checkboxes, offering a smooth and privacy-friendly experience while blocking bots.

Step 1. Enable Google reCaptcha v2.

Step 1(A): The Google reCaptcha v2 for the GUI can be enabled by navigating under **Settings -> General-> Authentication.** You can choose visible or invisible reCaptcha

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| ±t Users ► | | 2 * | | reCAPTCHA v2 Disable | ÷ | | | |
| Access Control | | Web Panel Authentication @ | | reCAPTCHA v2 | Δ | | | |
| ⁹ ₀ Settings ▼ | | Internal 💠 | | reCAPTCHA v3 | | | | |
| General | 1.1 | reCAPTCHA Sitekey | <u>API Key</u> | | _ | | | |
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 The login page for visible reCaptcha would have the <u>reCaptcha prompt</u> in a similar way.

| | Ezeelogin | | | · · · · |
|---------------------------|---------------------------|----------|----|-----------------------------|
| | Welcome | X | •• | |
| | Username Password | | | |
| | I'm not a robot | | | |
| the stand of the stand | recarrici Privacy - Te | 14 ms | | |
| | | | | |
| | | | | |
| Logged IP: 192.168.238.35 | | | | Powered by ezeelogin.com |

Step 2: Enable Google reCAPTCHA v3

Step 2(A):The Google reCaptcha v3 for the GUI can be enabled by navigating under **Settings -> General-> Authentication.** Choose reCaptcha v3 option.

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| General | reCAPTCHA Sitekey @ Get reCAPTCHA API Key | |
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| Control Panels | Turnstile Sitekey @ <u>Get Turnstile</u> Turnstile Secret @ | 1.58 |
| Data Centers | | |
| ► API | User Password Lifetime @ User SSH Key Lifetime @ | 1 |
| ► LDAP | | |
| ► SAML | | |
| ► FIDO2 | Allow Browsers To Save Login 🥹 Maximum Days Without Login 🔮 | 1 |
| ► RADIUS | 0 | 1.3 |
| ► SIEM | Remote SSH Public Key Authentication | E. Sala |
| ► Server Fields | | 1. |

Step 2(B): To complete the integration, you will need to obtain the site-specific reCAPTCHA keys from Google:

- Visit the Google reCAPTCHA website.
- Register your site and select reCAPTCHA v3.
- Copy the **Site Key** and **Secret Key** provided by Google.

| ogle reCAPTCHA | | |
|----------------------|--|--|
| Adding reCAPT | CHA to your site | |
| | | |
| 0 | 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. | |
| Use this site key in | the HTML code your site serves to users. [7] See client side integration | |
| COPY SITE KEY | 02/1000104664000(40000400004000040000400004 | |
| Use this secret key | for communication between your site and reCAPTCHA. | |
| OT COPY SECRET | KEY | |

- Locate the fields for reCAPTCHA Site Key and reCAPTCHA Secret Key in gateway server.
- Paste the corresponding keys you obtained from Google into these fields and Save it.

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| | Internal 🗘 | × |
| ▶ General | reCAPTCHA Sitekey @ <u>Get reCAPTCHA API Key</u> | reCAPTCHA Secret 💿 |
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| Control Panels | Turnstile Sitekey @ <u>Get Turnstile</u> | Turnstile Secret 💿 |
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| ► SAML | | |
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| ► SIEM | Remote SSH Public Key Authentication @ | Remote SSH Password Authentication @ |
| Server Fields | | |
| Cluster | | Cancel Save |
| Command Guard | | |

Step 2(C): Now the login page will feature the following invisible reCaptcha v3

prompt. Users will now experience enhanced security without any disruptive challenges.

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|---------------------------|--|----------|-----|---|
| | | | | Maria Carelli |
| | | | | A A A A A A A A A A A A A A A A A A A |
| | Ezeelogin | | | |
| | Welcome | Х | N/P | |
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| | Username | | | and the set |
| | Password | |] | · / · · · · · · · · · · · · · · · · · · |
| | | Login | j | |
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| Logged IP: 192.168.238.35 | | | | Cezeelogin.com |

This way gateway users can enhance their login security with Google reCAPTCHA v2 and v3 as a proactive step towards protection.

ReCaptcha v3 feature is available from **Ezeelogin version 7.39.0**. To update your existing Ezeelogin to the latest version, refer to the **article**.

Related Articles:

Enable Cloudflare Turnstile.

Google Recaptcha shutdown issue.

Disable Recaptcha.

Online URL: https://www.ezeelogin.com/kb/article/enable-google-recaptcha-251.html