



Adding Cloudflare Turnstile a hidden CAPTCHA solution to protect public InfoCapture Form

This feature is available in Claromentis 10.x

The Turnstile widget offers protection from spam and bots for submissions made to public forms where submitters are not logging in to an account.

Our guide on how to create public forms is [here](#).

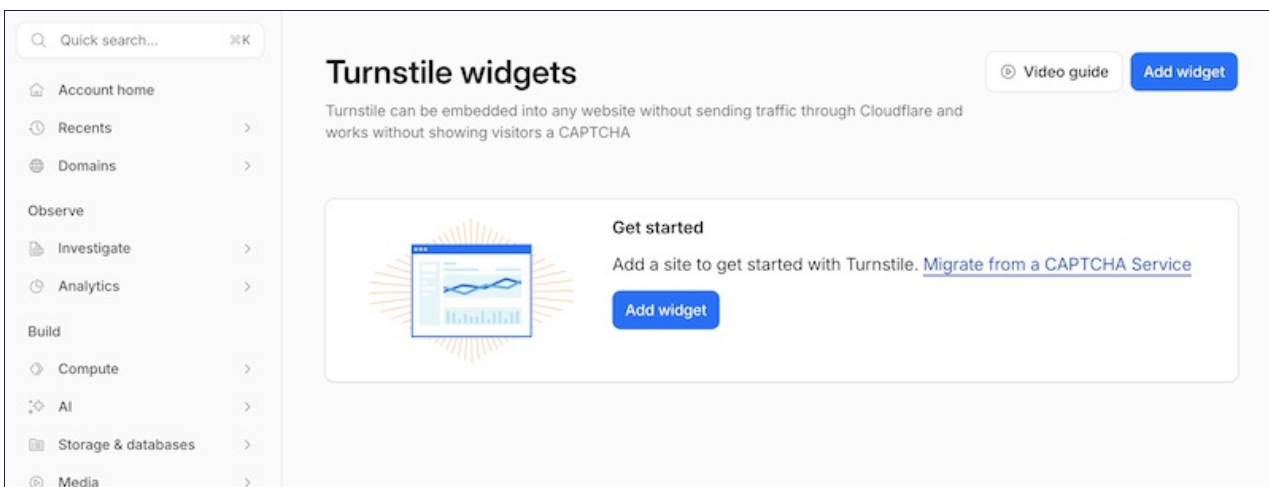
This feature is not for forms used within the Intranet, as these are already protected from spam via user login

Step 1: Register and sign in to a Cloudflare account

Register a new account

Step 2: Create a Widget

Navigate to Protect & Connect > Application Security > Turnstile



1. Add a widget name, for example, **InfoCapture Form**

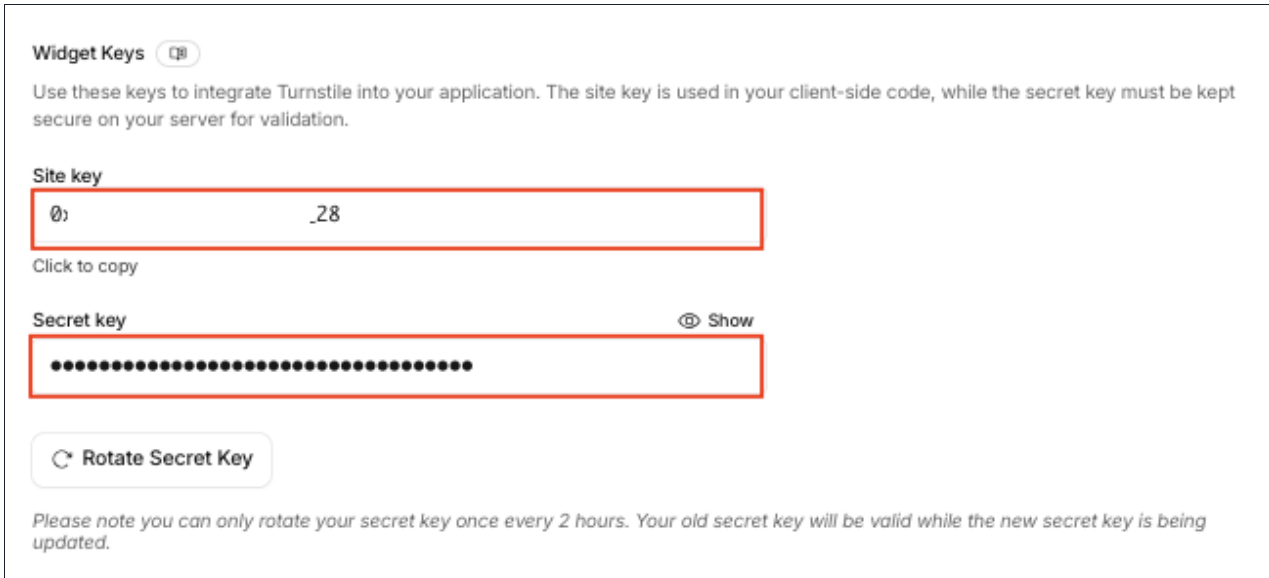
2. Add the hostname where the form will be published, as well as your system URL


For example, if your site address is `company.myintranet.com` and the public form will be published on your website, `yourcompanyname.com`, add both hostnames to the list.

Please be advised that without a hostname, your public form won't be protected

3. Widget mode: **Managed** (Recommended)

4. Copy **Site_key** and **Secret key** value to be pasted to Claromentis




Widget Keys 

Use these keys to integrate Turnstile into your application. The site key is used in your client-side code, while the secret key must be kept secure on your server for validation.

Site key

0: _28

[Click to copy](#)

Secret key  Show

.....

[Rotate Secret Key](#)

Please note you can only rotate your secret key once every 2 hours. Your old secret key will be valid while the new secret key is being updated.

Step 3: Add the API to your Intranet

A [sysadmin](#) of your site can follow these steps.

1. Open your Intranet
2. Navigate to `Admin > System > API keys`
3. Under API name `cloudflare_turnstile`

Copy the value from the **Site key** to `site_key` and the **Secret key** to `secret_key`

Admin > System > API keys > **Edit Integration**

Edit Integration

API Name and Description are required. You will also need to add at least one entry. This page cannot validate the keys you enter so test your integration in the front-end to ensure that the keys you've entered are valid and working correctly.

API Name * ?

API Description * ?

API Help ?

Entries

Entry Key	<input type="text" value="secret_key"/>	Entry Value	<input type="text"/>	<input type="button" value="✍"/>	<input type="button" value="🗑"/>
Entry Key	<input type="text" value="site_key"/>	Entry Value	<input type="text"/>	<input type="button" value="✍"/>	<input type="button" value="🗑"/>

4. Once everything is filled out, click 'Save Changes' to apply.

Step 4: Publish Public InfoCapture Form

Create an [External Form via InfoCapture](#) if you haven't already.

1. Navigate to one of the InfoCapture Projects with External Submission enabled.

2. If the form is protected with Cloudflare Turnstile, you should see **External forms are secured by Cloudflare Turnstile to prevent bot submissions.**

Admin > Infocapture > Public Form > **External submission**

External submission

Export a form in HTML format that can be embedded or published on a public website.

This method allows the form to be submitted externally similar to a regular contact form but the data and processing will be done within InfoCapture. Please be advised there are several limitations involved in creating a form for external use and its upkeep will require knowledge of HTML and CSS code. Dynamic fields are not supported, for best results it is advised to avoid complex logic and use simple form fields.

Enable External Submission

Allow form submission from an external resource

External forms are secured by Cloudflare Turnstile to prevent bot submissions.

Success URL *

Typically a link to a static page saying "Thank You For Submitting the Form."

Error URL *

Typically a link to an error page saying "Sorry, some fields have not been filled out correctly, click here to re-submit the form."

Known limitations

Some fields cannot be included in an external form and will appear as empty fields

Please ensure none of the listed fields are marked as required. If they are, users will not be able to submit the form.

The fields can be included in the external form

[Download form \(HTML\)](#)

Troubleshooting

Unlike the traditional CAPTCHA, the checkbox isn't always displayed to the user.

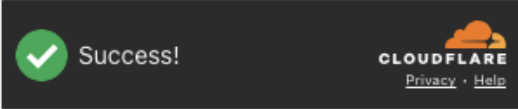
Here is an example when the widget is working on the public form, and the user is prompted.

Name
Tada

Email
tada@email.com

Comments
tada

* - required fields



[Find out more about the Turnstile widget mode](#)

