ZEYVRO

Turnstile

User guide for PrestaShop 8 and 9

Cloudflare Turnstile | Contact, sign-up and login | Password recovery | Checkout | Server-side validation | Blog and back-in-stock alerts | Verification log | Free · MIT License

> Adds the Cloudflare Turnstile widget to the store forms (contact, registration, login, password recovery, checkout, blog comments and back-in-stock alerts) and checks every submission against Cloudflare before PrestaShop processes it. If verification fails, it blocks the submission or only logs it, as you choose.

Version 1.2.1 · Compatible with PrestaShop 8.0 – 9.2.0
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1 What the module does

Widget on six forms
Contact, registration, login, password recovery, prestablog comments and ps_emailalerts back-in-stock alerts, each with its own switch. Registration and login inside the checkout too.

Server-side validation
On submit, checks the token with Cloudflare's `siteverify` API.

Block or log only
If verification fails, it stops the submission with a message or lets it through and records it.

Verification log
Date, IP, result, score, error codes and user agent of every attempt.

2 Before you start

- PrestaShop 8.0 – 9.2.0.
- A Cloudflare account with a **Turnstile** site created for the store domain, and its two keys: **Site Key** and **Secret Key**.
- The standard PrestaShop forms. For contact, the `contact` page with its standard fields: message, email, recipient and submit button.
- Optional: the **prestablog** (blog comments) and **ps_emailalerts** (back-in-stock alerts) modules, if you want to protect them.
- The PHP cURL extension enabled and outbound HTTPS from the server to `challenges.cloudflare.com`.

3 Installation

1. Back office → **Modules → Module Manager → Upload a module**.
2. Select the ZIP and wait for it to finish. It is listed as **Zeyvro Turnstile**.
3. Open **Zeyvro → Anti SPAM**, which the module adds on install (the module's **Configure** button leads to the same screen).

> **Installed disabled**
> After install, **Enable Turnstile** is set to **No** and both keys are empty. Nothing is protected until you paste the keys and enable it. While either key is missing, the screen shows a yellow notice and **Enable Turnstile** is not saved as **Yes**. On a new install, the five form switches (section 5) are set to **Yes**.

4 Turnstile Configuration

Turnstile Configuration panel on the **Anti SPAM** screen:

FIELD	WHAT FOR	DEFAULT
Enable Turnstile	**Yes** / **No**. Main switch: with **No** the widget is not shown on any form and nothing is validated, without uninstalling. With **Yes**, the contact form is always protected. It is only saved as **Yes** when there is a Site Key and a Secret Key.	No
Protect registration form, login form, password recovery form, blog comments and back-in-stock alerts	Five **Yes** / **No** switches, one per form. Details in section 5.	Yes (new install) · No (when upgrading from 1.1.x)
Site Key	Public widget key, copied from Cloudflare. Without it the widget is not shown.	Empty
Secret Key	Secret key the server uses to verify the token. Without it no submission is validated.	Empty
Widget mode	**Managed (automatic, recommended)**, **Non-interactive (no click)** or **Invisible (no visible widget)**.	Managed
Action on verification failure	**Block submission (recommended)** or **Log only (allow through)**. In "log only" mode the form is submitted even if Turnstile fails.	Block submission
Log attempts	**Yes** / **No**. Stores every verification, from all forms, in the log in section 7.	Yes
API timeout (seconds)	Maximum wait time for the Cloudflare API call. Effective minimum: 1.	5

Save with **Save**. "Settings saved successfully." is shown.

> **Keys are not displayed when you come back**
> Site Key and Secret Key are password fields. If you leave them blank when saving, the existing value is kept.

It cannot be enabled without both keys
If the Site Key or the Secret Key is missing, the screen shows "Turnstile does not protect any form: the site key or the secret key is missing." and **Enable Turnstile** is not saved as **Yes** (the rest of the settings are saved). If you upgrade with the module already enabled and a key missing, it stays as it was and the notice tells you: paste the missing key and save.

Back office permissions
Saving the settings requires the edit permission on the **Anti SPAM** tab, and clearing the log requires the delete permission. A view-only profile sees the screen but changes nothing.

5 Protected forms

SWITCH	WHAT IT COVERS
(always, with Enable Turnstile on Yes)	Contact form, whether it is sent by POST or by GET.
Protect registration form	Customer sign-up. If the check fails, the account is not created and the notice shows in the form itself. Also account creation and guest checkout in the checkout "Personal information" step.
Protect login form	Login page and the login window of themes that send it to the native login page. Outside the login page, the Cloudflare script only loads when the visitor starts using that window. Also the login in the checkout "Personal information" step.
Protect password recovery form	The form that asks for the password reset link.
Protect blog comments (prestablog)	Only applies if the module is installed and enabled. The notice shows in the page's notification block.
Protect back-in-stock alerts (ps_emailalerts)	Only applies if the module is installed and enabled. The notice shows in the alert block itself.

All of them use the same **Action on verification failure** and the same log. Login, password, prestablog and ps_emailalerts are also checked when the request comes through AJAX.

6 What the customer sees

1. On each protected form, the Turnstile widget appears above the submit button (in **Invisible** mode, with no visible widget). The Cloudflare script only loads where it is needed.
2. On submit, the module verifies the token with Cloudflare.
3. If verification fails and the action is **Block submission**, the submission is not processed and the customer sees: "Security verification failed. Please try again.". With **Log only (allow through)**, the submission goes through anyway.

7 Verification log

Below the configuration, the **Verification log (last 50)** panel, with the total number of records next to the title.

COLUMN	CONTENT
Date	Date and time of the attempt.
IP	Visitor IP.
Result	**OK** or **FAIL**.
Score	Score returned by Cloudflare, if sent; otherwise "—".
Errors	Cloudflare error codes, comma-separated.
User-Agent	Visitor browser (truncated to 60 characters in the table).

Clear logs >30 days button: asks for confirmation and deletes records older than 30 days. At the bottom, "Total in DB".

8 Frequently asked questions

I cannot see the widget on a form.
Check that **Enable Turnstile** is set to **Yes**, that there is a Site Key and that the switch for that form is set to **Yes**. On the contact page, the module finds the form by its standard fields (message, email, recipient selector and submit button); if your theme has changed them, the widget is not inserted.

What happens if Cloudflare does not respond?
The verification counts as failed (`network-error` code) and is also written to the PrestaShop log. In **Block submission** mode the message is not sent; in **Log only**, it is.

Does it protect the checkout?
Yes, since 1.2.1: login, account creation and guest checkout in the "Personal information" step, with the login and registration switches. If verification fails, the customer is not logged in or created and the notice shows at the top of the page.

I see a yellow notice on the Anti SPAM screen.
The Site Key or the Secret Key is missing: while it is, Turnstile does not protect any form. Paste both Cloudflare keys and save.

I upgraded from 1.1.x and the new forms have no widget.
That is expected: on upgrade, the five new switches are set to **No** so nothing changes in the shop until you decide. Turn them on in **Anti SPAM** and save.

If I uninstall, do I lose the log?
No. Uninstalling keeps the log table and the configuration, so a reinstall brings everything back.

Do I need a license key?
No. The module is free and asks for no activation. You only need the Cloudflare keys.

9 License

The package includes the `LICENSE` file (MIT License). Summary:

ITEM	TERM
Allowed	Use, copy, modify, merge, publish, distribute, sublicense and sell copies, free of charge.
Condition	Include the copyright notice and the permission notice in all copies or substantial portions.
Warranty	Provided "as is", without warranty of any kind.

10 Updates and support

• To update, upload the new ZIP from **Modules → Upload a module**. Configuration and log are kept. When upgrading from 1.1.x to 1.2.x, the switches for the new forms stay on **No** until you turn them on. Upgrading to 1.2.1 changes no setting.
• If you upgrade from 1.1.6 on PrestaShop 9.1: if an error notice appears when updating, reload the page: the upgrade is already done. From 1.1.7 on, later upgrades no longer show it.
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