

Cloudflare CDN Cache

PrestaShop module

Compatibility

PrestaShop 1.7-9.x

Goal

Allows to use Cloudflare services in your store and manage DNS records. Connect via API Token (recommended) or Global API Key and adjust Cloudflare settings directly in PrestaShop admin panel.

Benefits for Merchants

- improves website performance;
- enhances website security;
- improves uptime and availability;
- simplifies website management.

Benefits for customers

- higher website performance;
- improves website security;
- reduces data usage;
- improves website reliability;
- protection against online threats.

Features

- possibility to manage your website by connecting your Cloudflare account ;
- admin can change Cloudflare settings in PrestaShop back office;
- admin can purge or preload cache of their website;
- admin can manage DNS records;
- ability to quickly enable/disable Cloudflare on the site;
- back office shows which Cloudflare token permissions are granted or missing.

Module settings

1. Open the module configuration page (Advanced Parameters → Cloudflare, or via the module Configure button).

Choose an Authentication method:

- **API Token (recommended)**
Paste your **API Token** and **Zone ID**.
- **Global API Key**
Paste your **Global API Key**, **Account email**, and **Zone ID**.

The screenshot shows the PrestaShop 9.1.5 interface with the Cloudflare module configuration page. The left sidebar contains navigation links for Dashboard, Care Center, Orders, Catalog, Customers, Customer Service, Stats, Modules, Design, Shipping, Payment, International, and Marketing. The main content area is titled 'Cloudflare' and features a warning message about user IP verification. Below the warning, the 'Cloudflare credentials' section has a dropdown for 'Authentication method' set to 'API Token (recommended)', and input fields for 'API Token' and 'Zone ID'. A 'Save' button is at the bottom right. The 'DNS records' section at the bottom shows a table with columns for Type, Name, Content, and Proxy status.

How to create a Cloudflare API Token (recommended)

- Log in to the [Cloudflare dashboard](#).
- Go to [API Tokens](#) and create a Custom Token.
- Set permissions for a Specific zone (exact Cloudflare names):

Permission	Used for
DNS & Zones → DNS → Edit	DNS list, edit, Pause/Enable Cloudflare
DNS & Zones → Zone → Edit	Required for Zone Settings to work
DNS & Zones → Zone Settings → Edit	Development mode, SSL/TLS mode, Cache preload
Cache & Performance → Cache → Purge	Clear cache, Cache preload

Images & Stream

Realtime

Protect & connect

Application security

Zero Trust

Networking

Delivery & performance

Manage account

Members

Billing

Account API tokens

OAuth clients

Audit logs

Notifications

Shared config

Blocked content

Abuse reports

Carbon Impact Report

Configurations

Tagged Resources

Account API tokens

Documentation

Create Token

Account API tokens

Manage account API tokens. User API tokens are found in the 'My Profile' section.

Search...

Create your first API token

API tokens authenticate access to your Cloudflare account, allowing secure integration with tools, scripts, and third-party services.

Create a token

Support

System Status

Careers

Terms of Use

Report Security Issues

Privacy Policy

Cookie Preferences

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Account API tokens

Create a token

Ask AI

Support

Token name

wandering-brook-849d

Permission policies

Read all resources

191 permissions

Write all resources

167 permissions

Edit Cloudflare Workers

11 permissions

Edit zone DNS

1 permission

Start from scratch

Build a custom permission policy

View all templates

Token expiration

No expiration

7 days

30 days

90 days

1 year

Custom

Client IP address filtering

Allow

Enter an IP address or CIDR range...

Add More

Account API tokens

Create a token

Ask AI

Support

Images & Stream

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Carbon Impact Report

Configurations

Tagged Resources

Token name

wandering-brook-849d

Permission policies

Edit policy

All Domains

Entire Account

All Domains

Specified Domains

Specified Flagship apps

App Security

Rules & Configuration

Cloudflare One / Zero Trust

Analytics & Logs

Account API tokens

Create a token

Ask AI

Support

Images & Stream

Realtime

Protect & connect

Application security

Zero Trust

Networking

Delivery & performance

Manage account

Members

Billing

Account API tokens

OAuth clients

Audit logs

Notifications

Shared config

Blocked content

Abuse reports

Carbon Impact Report

Configurations

Tagged Resources

All Domains

Search for permission groups...

Developer Platform

AI & Machine Learning

DNS & Zones

DNS

Zone

Zone Custom Asset

Zone DNS Settings

Zone Settings

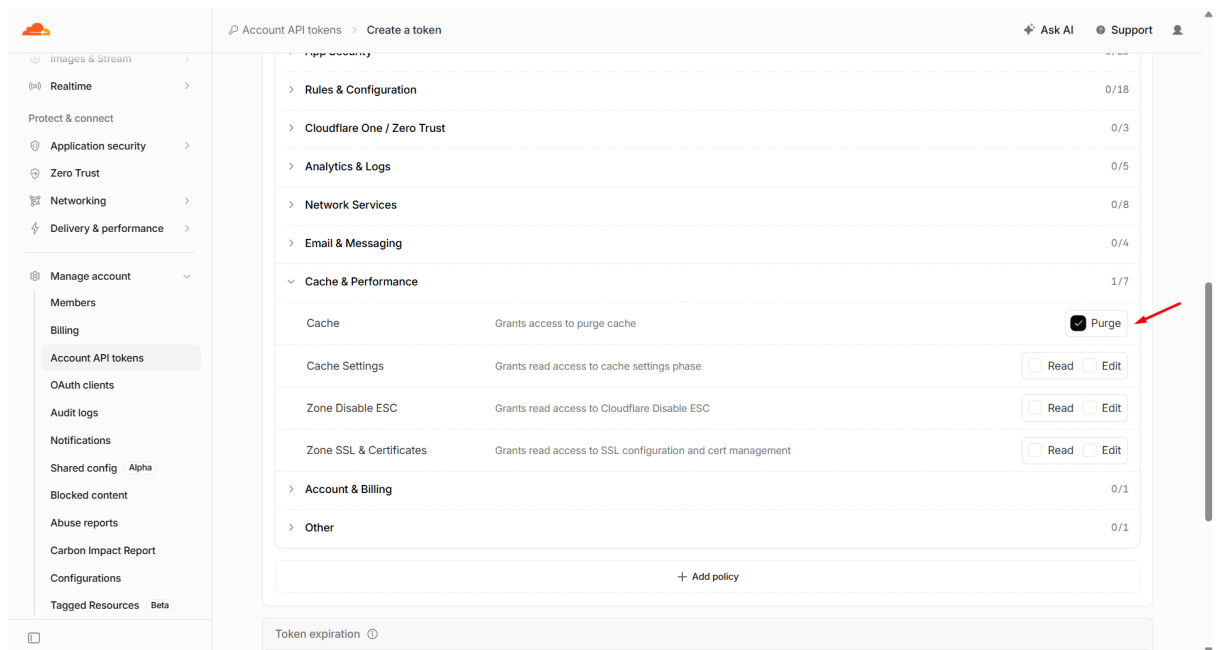
Zone Versioning

App Security

Rules & Configuration

Cloudflare One / Zero Trust

Analytics & Logs



Notes:

- Zone → Edit is required together with Zone Settings → Edit.
- Cache preload does not need Cache → Purge.
- After changing token permissions in Cloudflare, wait about a minute and reload the module page — changes are not always instant.
- Not required: *Cache Settings, Zone SSL & Certificates* (SSL/TLS mode uses Zone Settings).

On the configuration page, the **Information** block shows live status for each permission: **Granted** / **Not granted**.

Permission	Status
DNS & Zones → DNS → Edit (DNS list, edit, Pause/Enable)	GRANTED
DNS & Zones → Zone → Edit (required for Zone Settings to work)	NOT GRANTED
DNS & Zones → Zone Settings → Edit (Development mode, SSL/TLS mode, Cache preload — cache_level)	NOT GRANTED
Cache & Performance → Cache → Purge (Clear cache; also required for Cache preload)	NOT GRANTED

Notes:

Zone → Edit is required together with Zone Settings → Edit.

Cache preload needs **two** permissions: Zone Settings → Edit and Cache → Purge (sets cache_level to aggressive, then purges cache).

After changing token permissions in Cloudflare, wait about a minute and reload this page — changes are not always instant.

Not required: *Cache & Performance → Cache Settings, Cache & Performance → Zone SSL & Certificates* (SSL/TLS mode uses Zone Settings). Zone → Edit is required together with Zone Settings → Edit.

How to get Cloudflare zone ID:

1. Log in to the [Cloudflare dashboard](#) and select your account and domain.
2. On the "Overview" page (the landing page for your domain), find the "API" section.
3. The "API" section contains your Zone ID. To copy the value for API commands or other tasks, click "Click to copy"

How to get Cloudflare Zone ID

- Log in to the Cloudflare dashboard and select your account and domain.
- On the Overview page, find the **API** section.
- Copy the **Zone ID**.

In order to use Global API key, to the following: Copy the **Global API key**, **Zone ID** of your website, **your account email** and paste them into the corresponding fields on the configuration page of the module for using features of the module:

The top screenshot shows the Cloudflare dashboard's 'API Tokens' page. The left sidebar has 'API Tokens' selected. The main content area has a 'Create Token' button and a table of tokens. The table has columns: Token name, Permissions, Resources, and Status. One token is listed: 'Read all resources' with permissions 'Account.Account: SSL and Certificates, Acc...' and resources 'All accounts, zones'. The status is 'Active'. Below the table is a 'Help' link. Underneath is the 'API Keys' section, which says 'Keys used to access Cloudflare APIs.' It lists two keys: 'Global API Key' and 'Origin CA Key'. The 'Global API Key' is highlighted with a red box, and its 'View' button is also highlighted. The bottom screenshot shows the Cloudflare dashboard's 'Overview' page. The left sidebar has 'Overview' selected. The main content area shows instructions for replacing nameservers with Cloudflare's. It lists two nameservers: 'ns41.servidoreadna.net' and 'ns42.servidoreadna.net'. Below this is a '2. Replace with Cloudflare's nameservers' section. It lists two nameservers: 'ns1.cloudflare.com' and 'ns2.cloudflare.com'. Below this is a 'Save your changes' section. It says 'Registrars can take 24 hours to process nameserver updates. You will receive an email when your site is active on Cloudflare.' Below this is a 'Check nameservers' button. Below this is a 'Need help?' section. It says 'Read our [step-by-step instructions](#) or [visit our support portal](#).' To the right of the main content area is a 'Support Resources' section. It has links for 'Documentation', 'Community', and 'API'. The 'API' section is expanded, showing 'Zone ID' and 'Account ID'. The 'Zone ID' is highlighted with a red box. Below the 'Zone ID' is a 'Click to copy' button. Below the 'Account ID' is a 'Click to copy' button. Below the 'Click to copy' buttons are links for 'Get your API token' and 'API documentation'. Below the 'API documentation' link is an 'Advanced Actions' section. It has links for 'Pause Cloudflare on Site' and 'Remove Site from Cloudflare'.

2. Cloudflare settings form:

- **Development mode** - temporally activate development mode on your website. This option will automatically turn off after 3 hours.
- **Pause Cloudflare** - turns OFF proxy mode for the DNS records.
- **Enable Cloudflare** - turns ON proxy mode for the DNS records.
- **Relative protocol** - should only be used with Cloudflare's flexible SSL feature. URLs of static files (CSS, JS, images) will be rewritten to use // instead of http:// or https://
- **SSL/TLS encryption mode** - sets encryption mode for your web traffic to prevent data theft and other tampering.

Cloudflare

Help

⚙️ Cloudflare settings

Development mode ☐ Disabled

Temporarily activate development mode on your website. This setting will automatically turn off after 3 hours.

Pause Cloudflare

Enable Cloudflare

Pause Cloudflare - will turn OFF proxy mode for the DNS records.
Enable Cloudflare - will turn ON proxy mode for the DNS records.

Relative protocol ☐ Disabled

Should only be used with Cloudflare's flexible SSL feature. URLs of static files(CSS, JS, images) will be rewritten to use // instead of http:// or https://

SSL/TLS encryption mode

Full

Save

Dashboard

SELL

Orders

Catalog

Customers

Customer Service

Stats

IMPROVE

Modules

Design

Shipping

Payment

International

CONFIGURE

Shop Parameters

Advanced Parameters

3. DNS records

- Type – DNS records type
- Name – domain/subdomain values for the DNS records
- Content – values of the DNS records
- Proxy status – DNS records status, which shows whether DNS proxy mode is enabled
- Edit – opens the form for editing the DNS records
- Delete – deleting the DNS records

The screenshot shows the PrestaShop 8.0.0 interface with the Cloudflare DNS records page. The left sidebar contains navigation menus for 'SELL' (Orders, Catalog, Customers, Customer Service, Stats) and 'IMPROVE' (Modules, Design, Shipping, Payment, International). The 'CONFIGURE' section includes 'Shop Parameters' and 'Advanced Parameters'. The main content area is titled 'Cloudflare' and 'DNS records'. It features a table with columns: Type, Name, Content, Proxy status, and an Edit button. The table lists several DNS records, including A records for dev.example.com, ftp.example.com, example.com, and test.example.com, and CNAME records for autoconfig, autodiscover, and phpmyadmin. Each record has a 'Proxied' status indicator (a green toggle switch) and an 'Edit' button.

Type	Name	Content	Proxy status	
-	e.g. my-record-name	e.g. 1.1.1.1	-	Q ✎
A	dev.example.com	127.0.0.1	Proxied	Edit
A	ftp.example.com	127.0.0.1	Proxied	Edit
A	example.com	127.0.0.1	Proxied	Edit
A	test.example.com	127.0.0.1	Proxied	Edit
AAAA	example.com	AAAA:AAAA:FFFF:EE	Proxied	Edit
CNAME	autoconfig.example.com	autoconfig.mail.example.com	Proxied	Edit
CNAME	autodiscover.example.com	autodiscover.mail.example.com	Proxied	Edit
CNAME	cpanel.example.com	clcp.example.com	Proxied	Edit
CNAME	phpmyadmin.example.com	clcp.example.com	Proxied	Edit

Editing the DNS records:

To edit the DNS, click the **Edit** button. It's possible to change the name and content of the DNS record and the proxy mode (if it's available for a specific DNS type). After making changes, save the record by clicking the **Save** button

The screenshot shows the PrestaShop 8.0.0 interface with the Cloudflare DNS record edit form. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Cloudflare' and 'DNS records'. It features a form for editing a DNS record. The form has fields for Type, Name, Content, and Proxy status. A warning message is displayed: 'WARNING! You should be aware of the risks of changing the NS records. If an error is made, the site may stop working and you will need to correct NS records directly in the user panel of <https://cloudflare.com>'. The form also includes a 'Cancel' button and a 'SAVE' button.

Type	Name	Content	Proxy status	
-	e.g. my-record-name	e.g. 1.1.1.1	-	Q ✎
A	dev.example.com	127.0.0.1	Proxied	Edit

WARNING! You should be aware of the risks of changing the NS records. If an error is made, the site may stop working and you will need to correct NS records directly in the user panel of <https://cloudflare.com>

*Name: dev.example.com
Use @ for root

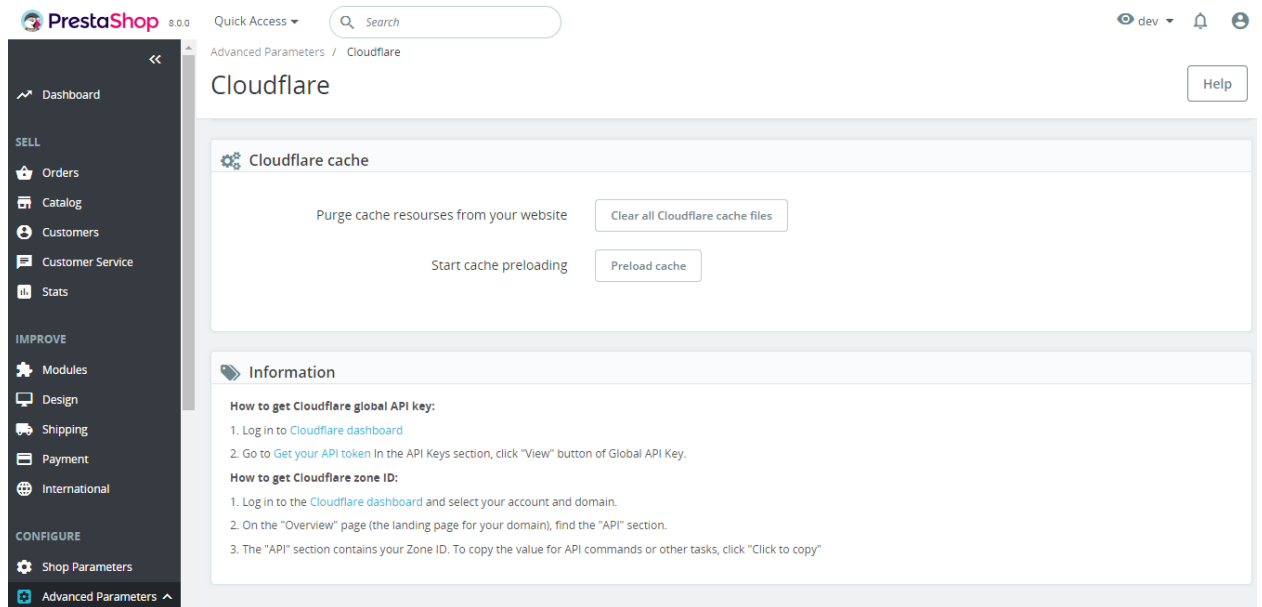
*Content: 127.0.0.1

*Proxy status: Proxied

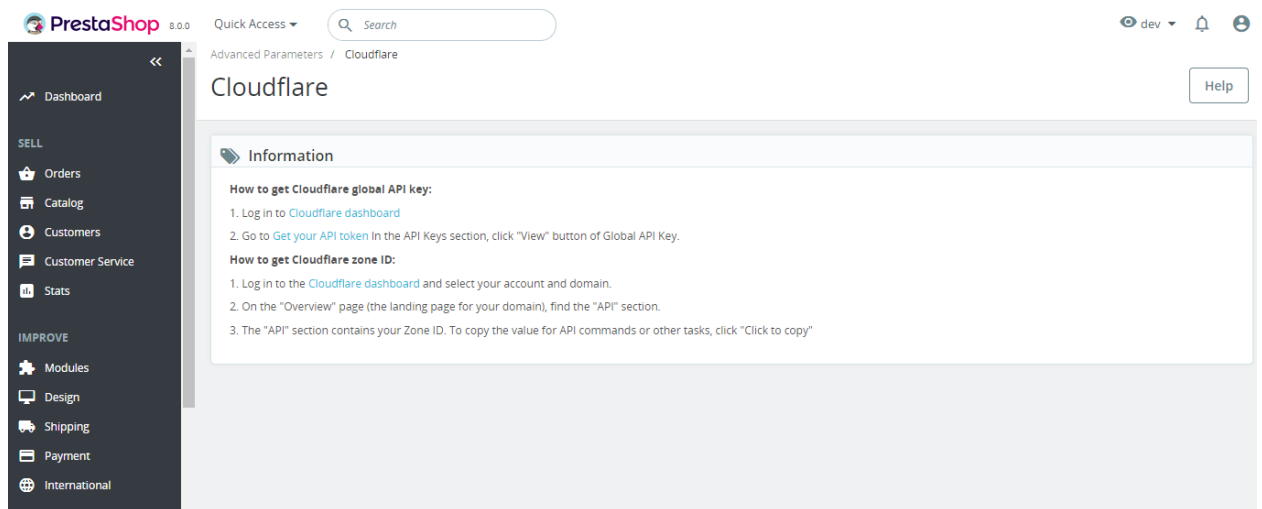
Cancel SAVE

4. Cloudflare cache form:

- Button **Clear all cache files button** – purges all cache resources from your website.
- Button **Preload cache** – preloads cache on your website in Cloudflare.



5. Information block:



You can find here additional information for getting your Global API key and Zone ID.

Installation:

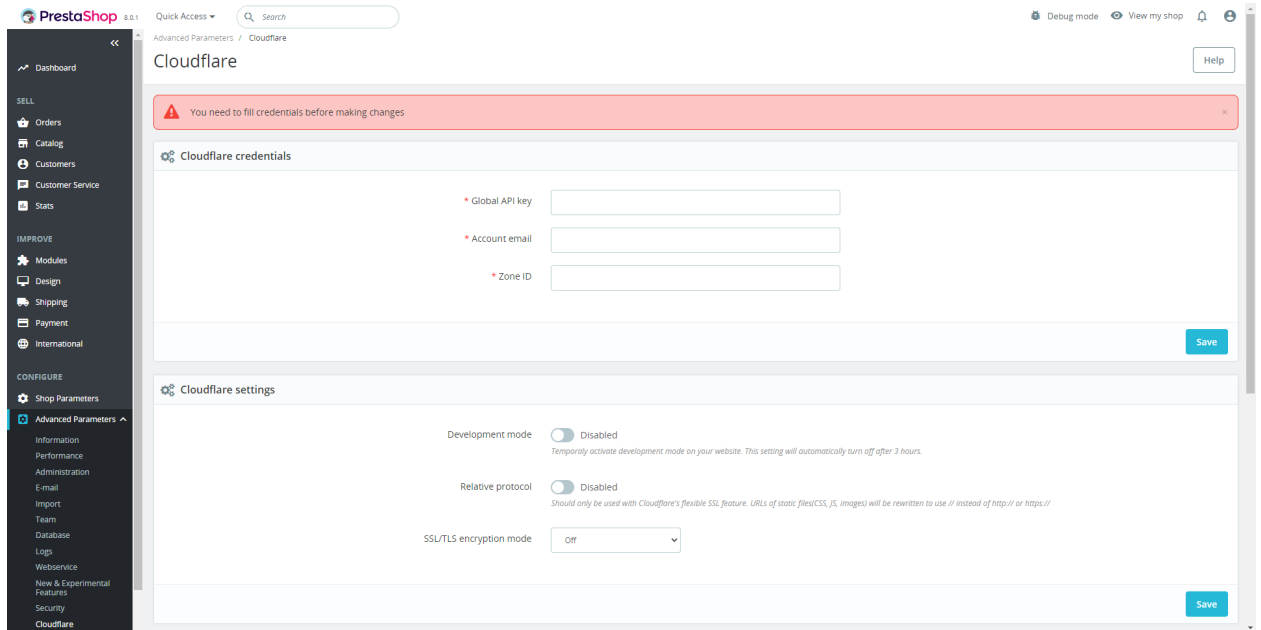
1. Upload the module through the Backoffice (Modules > Add New Module) or using FTP-client
2. Hit Install it and enter the configuration

The screenshot shows the PrestaShop 8.0.1 backoffice interface. The left sidebar contains navigation menus for 'Dashboard', 'SELL' (Orders, Catalog, Customers, Customer Service, Stats), 'IMPROVE' (Modules, Design, Shipping, Payment, International), and 'CONFIGURE' (Shop Parameters, Advanced Parameters). The main content area is titled 'Module manager' and has tabs for 'Modules', 'Alerts', and 'Updates'. A red box highlights the 'Cloudflare' module (v1.0.0 by SoftSprint) under the 'Traffic & Marketplaces' category. Other modules listed include 'Distribution API Client' (v1.0.2 by PrestaShop), 'Google sitemap' (v4.2.0 by PrestaShop), and 'Ping services' (v1.0.0 by SoftSprint). Below these, there are sections for 'Customers', 'Facebook & Social Networks', and 'Specialized Platforms', each with a message indicating no modules are currently installed in that category. The top right of the interface shows 'Debug mode', 'View my shop', and a 'Help' button.

Module workflow cases:

1. When the user didn't fill in credentials and started using module features:

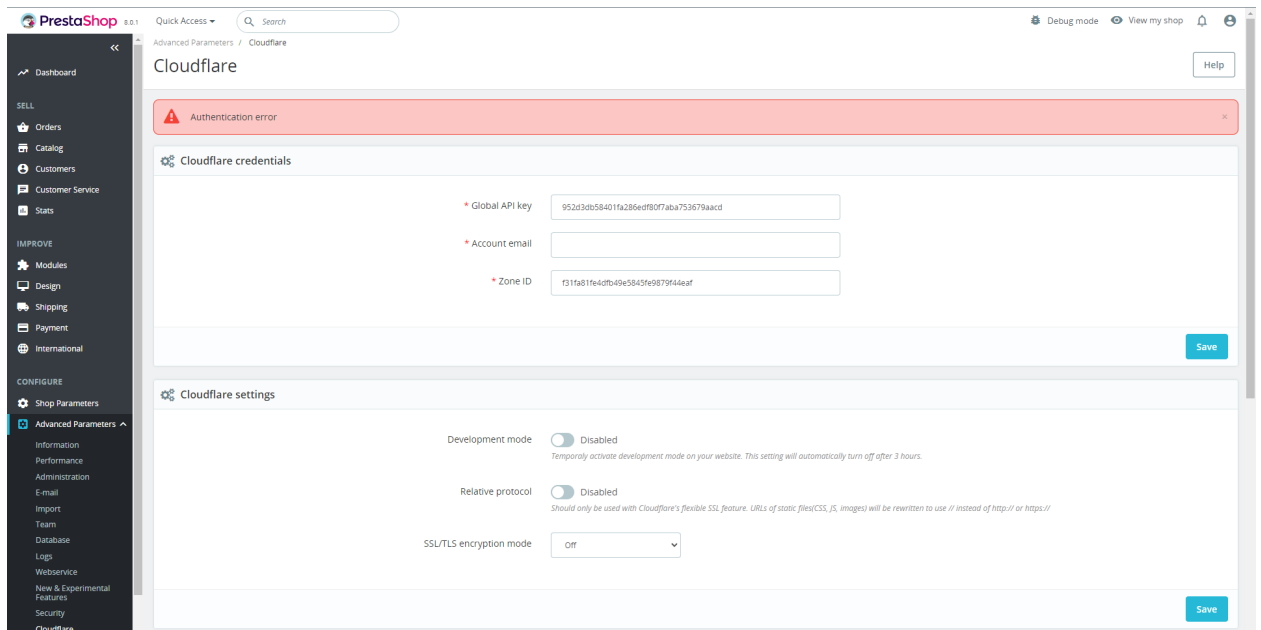
- after making changes user will get message "You need to fill credentials before making changes".



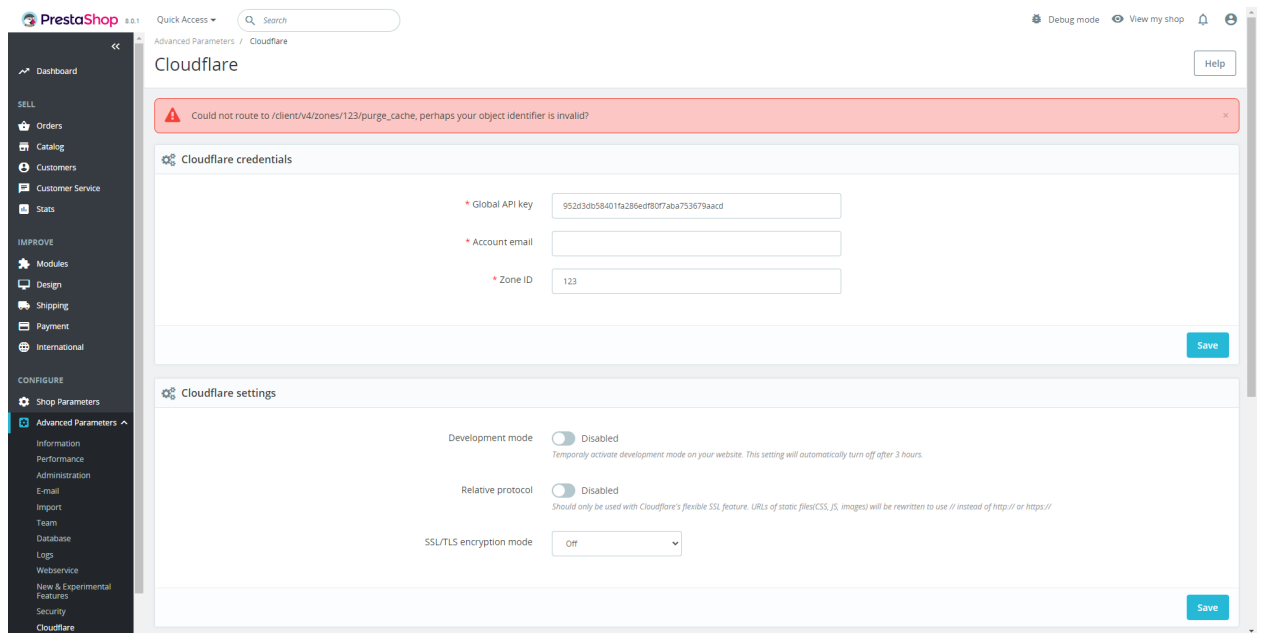
The screenshot shows the PrestaShop 8.0.1 interface with the Cloudflare module configuration page. A red warning banner at the top states: "You need to fill credentials before making changes". Below this, the "Cloudflare credentials" section contains three empty input fields: "Global API key", "Account email", and "Zone ID". The "Cloudflare settings" section below it has three toggle switches: "Development mode" (Disabled), "Relative protocol" (Disabled), and "SSL/TLS encryption mode" (Off). Each setting has a brief description. "Save" buttons are located at the bottom right of each section.

2. When the user filled in wrong credentials:

- after making changes user will get message such as "Authentication error" or "Could not route to [route name], perhaps your object identifier is invalid?".



The screenshot shows the PrestaShop 8.0.1 interface with the Cloudflare module configuration page. A red error banner at the top states: "Authentication error". Below this, the "Cloudflare credentials" section contains three filled-in input fields: "Global API key" (952d3db58401fa286edf807aba753679aacd), "Account email", and "Zone ID" (f31fa81fe40fb49e5845fe9879f44eaf). The "Cloudflare settings" section is identical to the previous screenshot, with "Development mode" (Disabled), "Relative protocol" (Disabled), and "SSL/TLS encryption mode" (Off). "Save" buttons are located at the bottom right of each section.



3. When the user filled in credentials:

- the user can change and save settings or deal with cache and after his actions he will receive message such as "Changes successfully made":

