

Cloudflare CDN Cache

PrestaShop module

Compatibility

PrestaShop 1.7-8.x

Goal

Allows you to use Cloudflare services in your store and manage DNS records. You can 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.

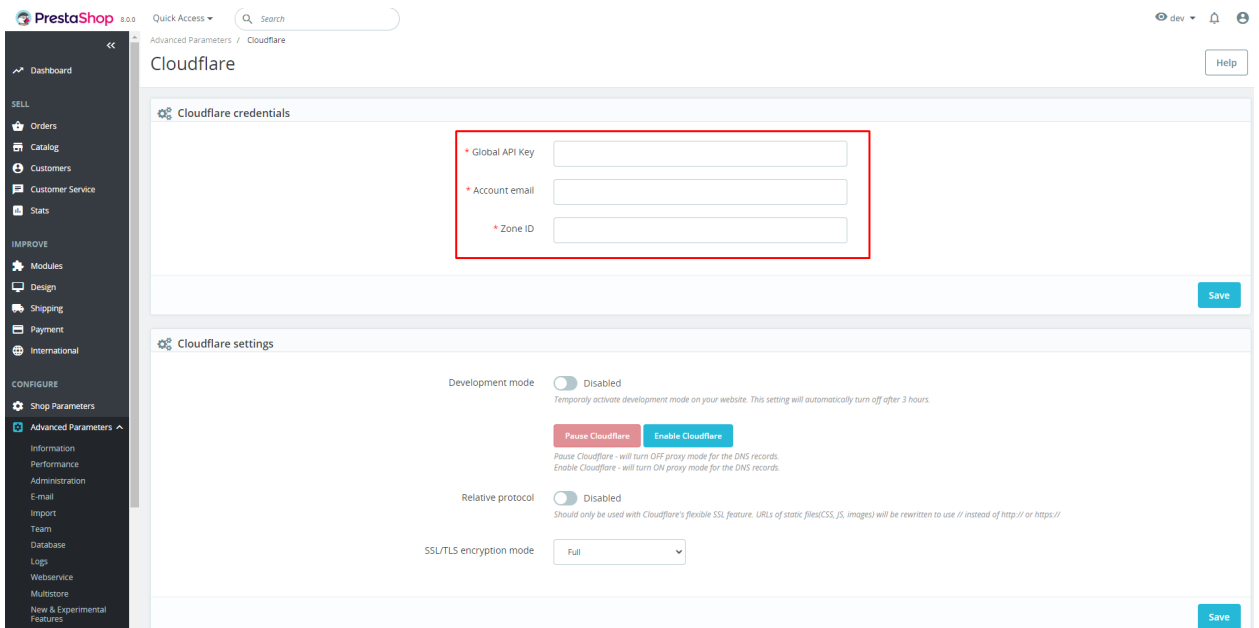
Features

- 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.

Module settings

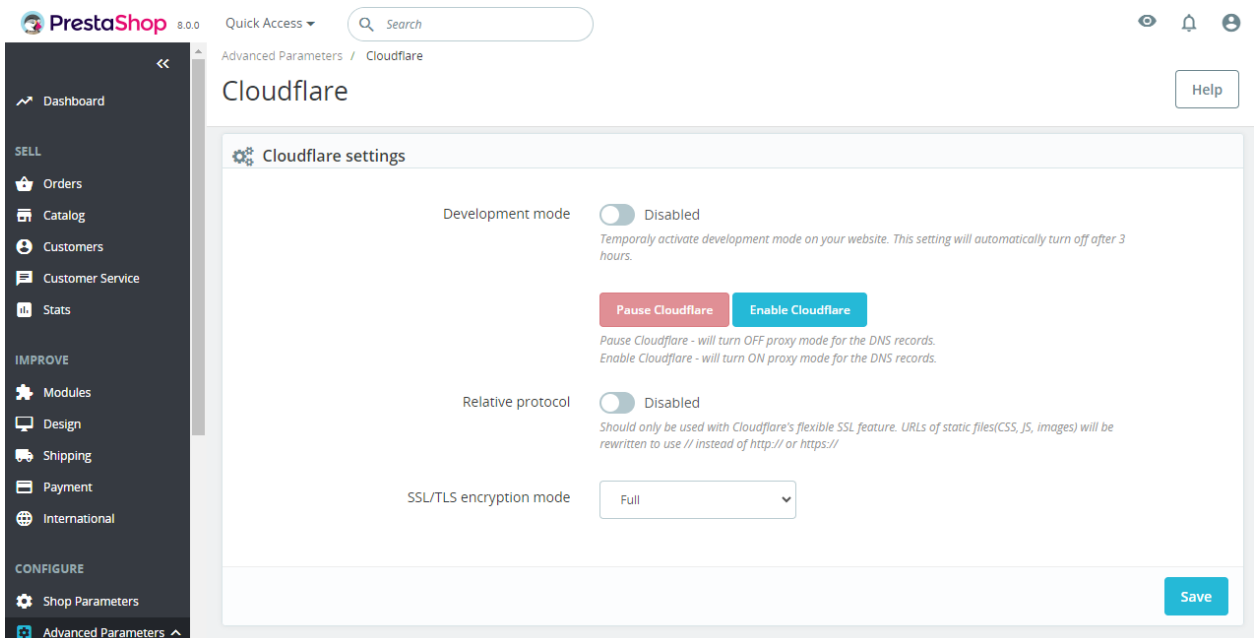
1. Copy the **Global API key**, **Zone ID** of your website, **your account email** and paste them into the corresponding fields on the configuration page of the module for using features of the module:

The image displays two screenshots of the Cloudflare dashboard interface. The top screenshot shows the 'API Tokens' page. On the left is a sidebar with navigation options: My Profile, Preferences, Authentication, API Tokens (selected), and Sessions. The main content area is titled 'API Tokens' and includes a 'Create Token' button. Below this is a table with columns for Token name, Permissions, Resources, and Status. The table contains one entry: 'Read all resources' with permissions for 'Account.Account: SSL and Certificates, Acc...', resources for 'All accounts, Zones', and a status of 'All' with an 'Active' indicator. Below the table is a 'Help' link. Underneath the table is a section for 'API Keys' with the text 'Keys used to access Cloudflare APIs.' This section contains a table with two entries: 'Global API Key' and 'Origin CA Key'. The 'Global API Key' entry is highlighted with a red border and includes 'Change' and 'View' buttons. The bottom screenshot shows the 'DNS' page. The sidebar on the left includes 'Overview', 'Analytics & Logs', 'DNS', 'Email', 'SSL/TLS', 'Security', 'Access', 'Speed', 'Caching', 'Workers Routes', 'Rules', 'Network', 'Traffic', 'Custom Pages', 'Apps', 'Scrape Shield', 'Zaraz', and 'Web3'. The main content area is titled 'Remove these nameservers:' and shows two existing nameservers: 'dns41.servidoreadna.net' and 'dns42.servidoreadna.net'. Below this is a section '2. Replace with Cloudflare's nameservers' which lists two new nameservers: 'oosmin.ne.cloudflare.com' and 'zapbae1a.ne.cloudflare.com'. A 'Check nameservers' button is present. To the right of the main content is a 'Page Rules' section with a 'Free plan' and a 'Change' button. Below that is a 'Support Resources' section with links for 'Documentation' and 'Community'. Further down is an 'API' section with a 'Zone ID' field containing the value 'aa5cf5fe9ef951ee076dc36c661015511', which is highlighted with a red box. Below the Zone ID is an 'Account ID' field with the value '4663b5ab12b5c729e6335a76871eed1'. At the bottom of the page is a footer with contact information and navigation links.



2. Cloudflare settings form:

- **Development mode** - temporarily 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.



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). Below that is the 'CONFIGURE' section (Shop Parameters, Advanced Parameters). The main content area is titled 'Cloudflare' and 'DNS records'. It features a table with columns for Type, Name, Content, and Proxy status. The table lists several records, including A, AAAA, and CNAME records for various domains like dev.example.com, ftp.example.com, and example.com. Each record has an 'Edit' button. Above the table, there are search and filter controls.

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

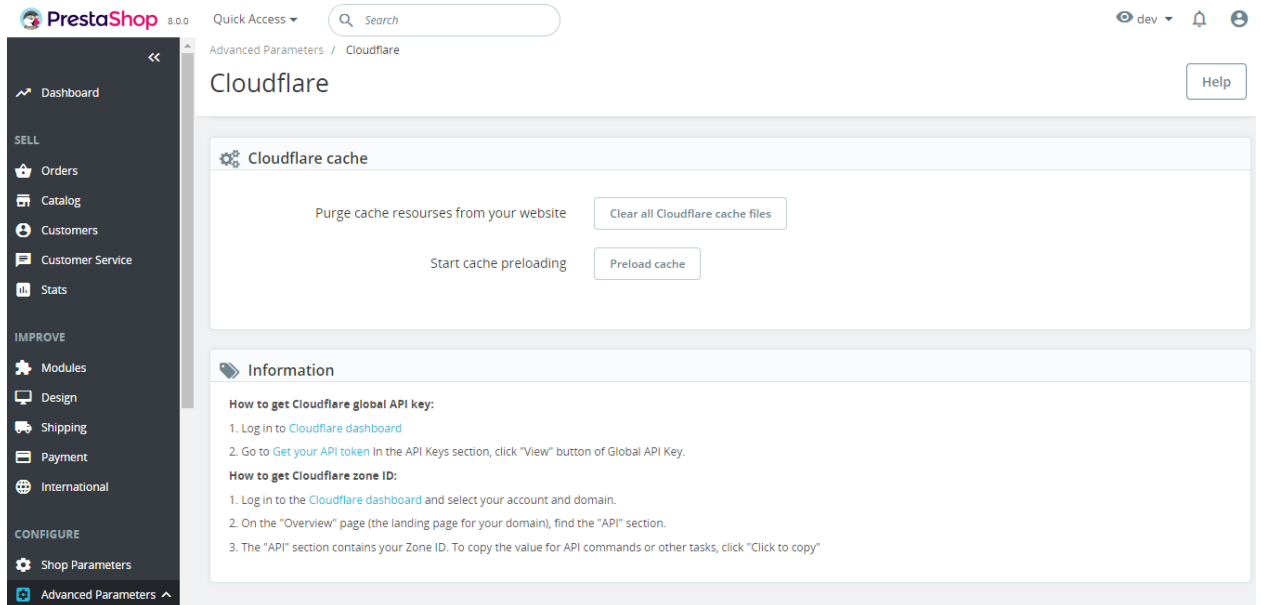
Editing the DNS records:

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

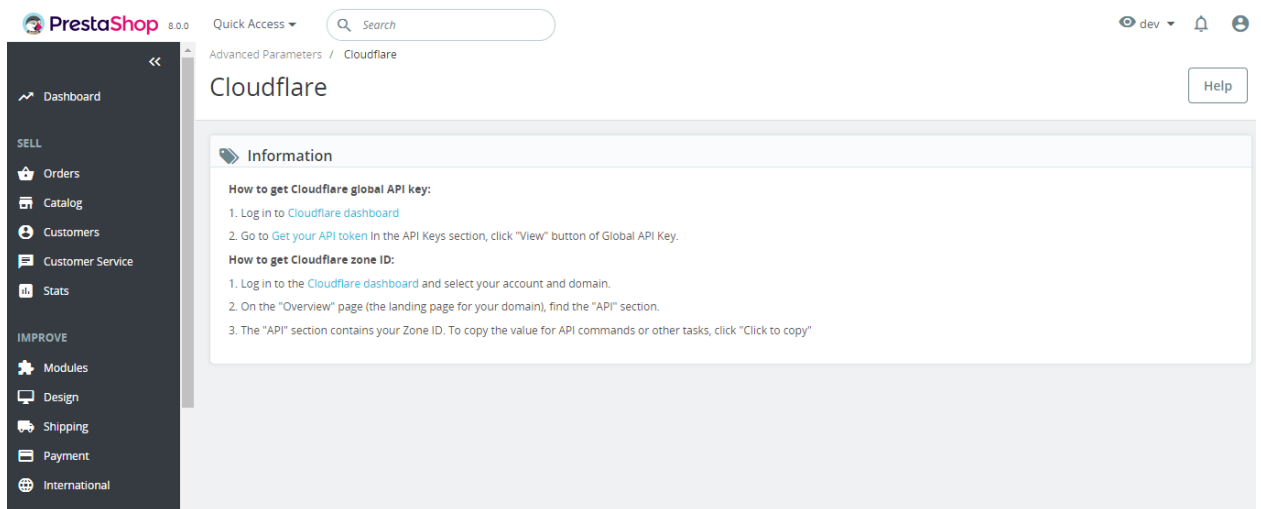
This screenshot shows the 'Edit' form for a DNS record in the PrestaShop Cloudflare interface. A yellow warning box at the top states: 'WARNING! You should be aware of the risks of changing the NS records. If an error is made, the site may stop working and you will need to correct NS records directly in the user panel of <https://cloudflare.com>'. The form has three main fields: '*Name' (dev.example.com), '*Content' (127.0.0.1), and '*Proxy status' (Proxied). There are 'Cancel' and 'SAVE' buttons at the bottom right. The background shows the same table as the previous screenshot, with the selected record highlighted.

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:

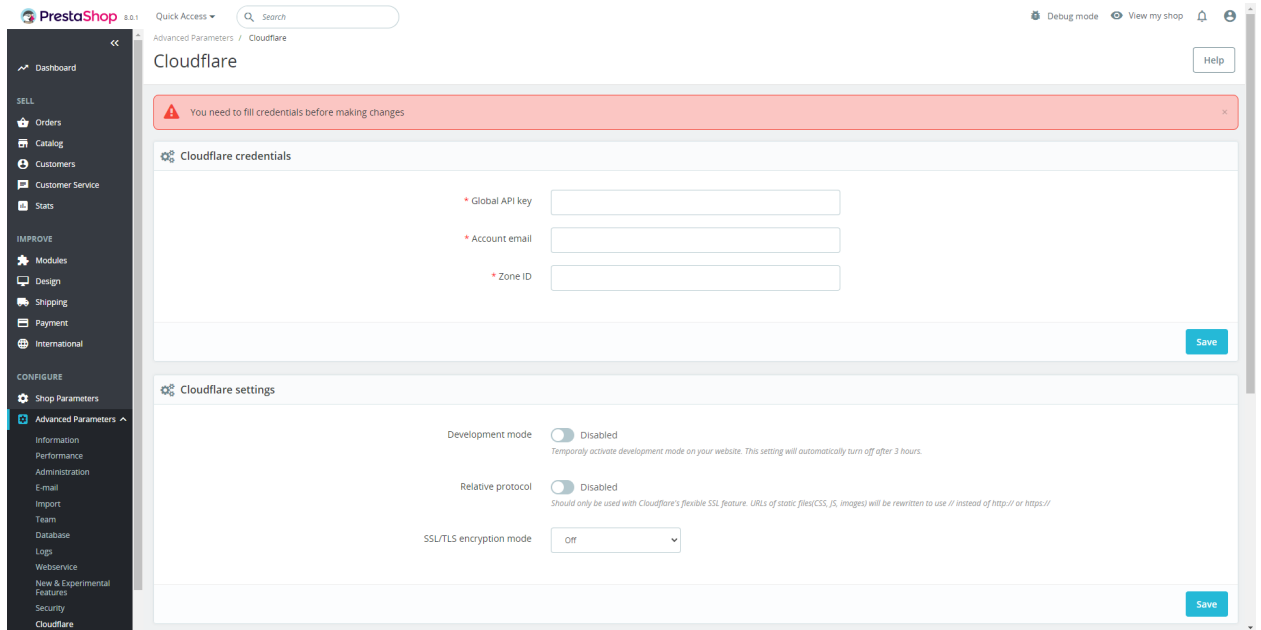
1. Upload the module through the Backoffice (Modules > Add New Module) or using FTP-client
2. Hit Install it and enter the configuration

The screenshot displays the PrestaShop 8.0.1 backoffice interface, specifically the 'Module Manager' section. The left sidebar contains navigation menus for '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 includes a search bar and an 'Upload a module' button. The 'Modules' tab is active, showing a list of installed modules under the 'Traffic & Marketplaces' category. A red box highlights the 'Cloudflare' module (v1.0.0 by SoftSprint), which is described as 'Cloudflare service for prestashop' and has a 'Configure' button. Other modules in this category include 'Distribution API Client' (v1.0.2 by PrestaShop), 'Google sitemap' (v4.2.0 by PrestaShop, with an 'Upgrade available' badge), and 'Ping services' (v1.0.0 by SoftSprint). Below this category, the 'Customers' section shows a message: 'You do not have module in « Customers »'. The 'Facebook & Social Networks' section also shows a message: 'You do not have module in « Facebook & Social Networks »'. The 'Specialized Platforms' section is partially visible at the bottom.

Module workflow cases:

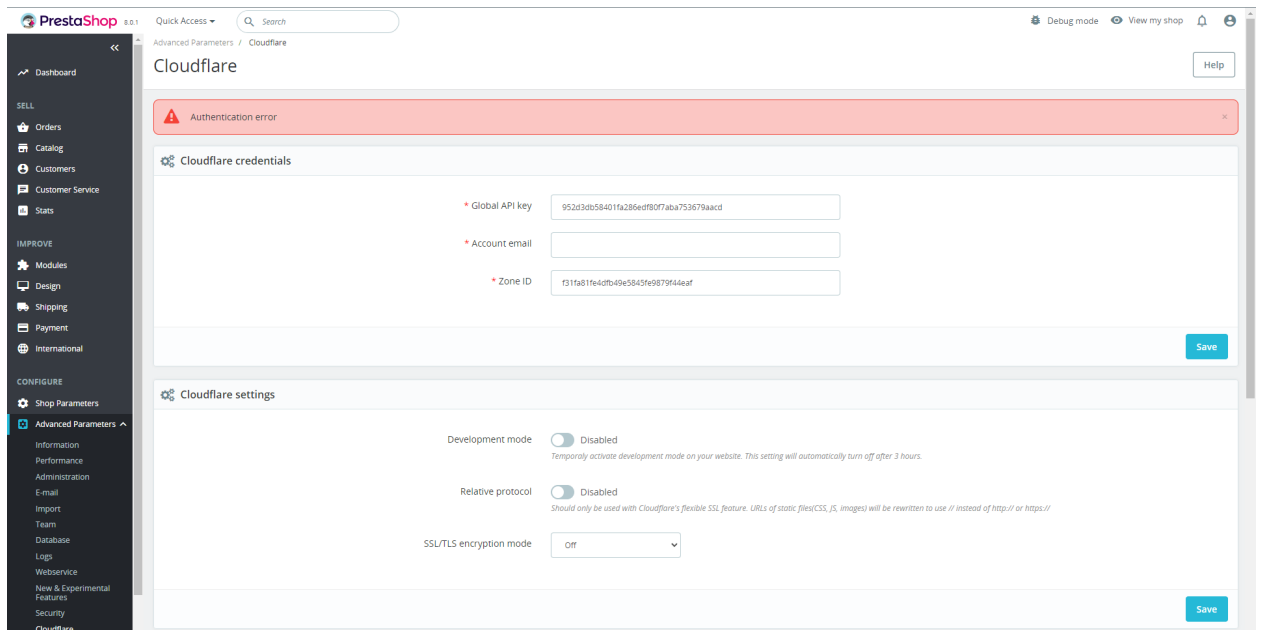
1. When the user didn't fill in credentials and started using module features:

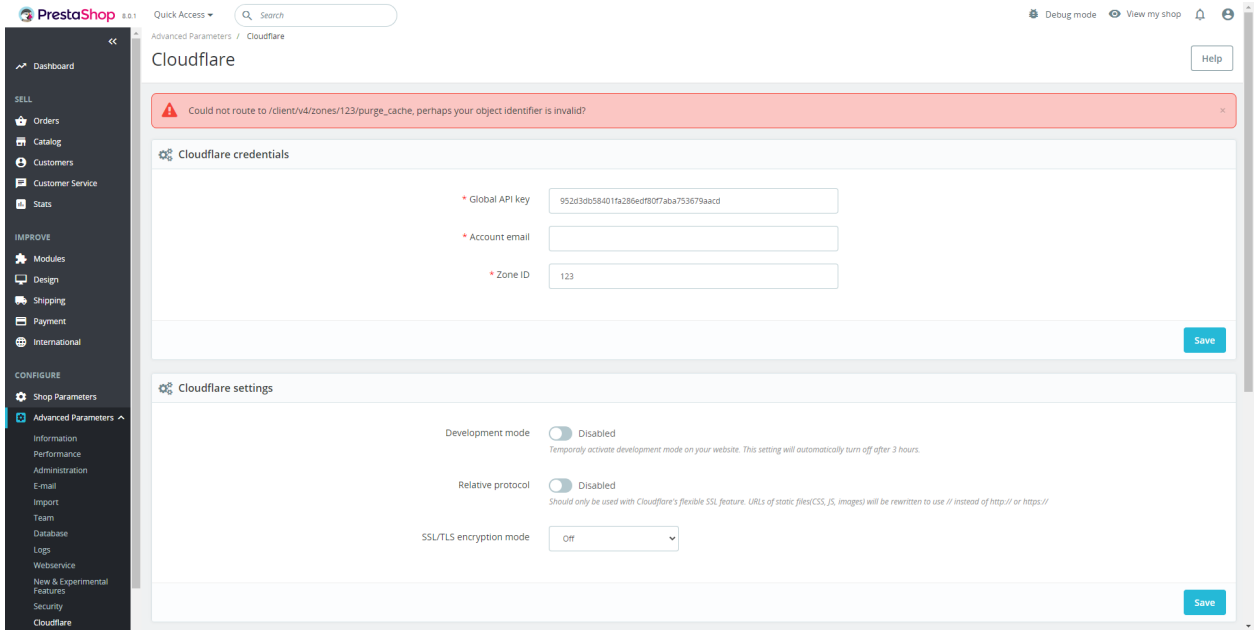
- after making changes user will get message "You need to fill credentials before making changes".



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?".





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":

