



# JetRails® Extension For Cloudflare® User Guide

The screenshot displays the Cloudflare dashboard interface. At the top, the 'Magento Enterprise' header is visible, along with a 'Global Record Search' bar and user information indicating the user is logged in as 'admin' on Friday, June 29, 2018. A navigation bar below the header includes links for Dashboard, Sales, Catalog, Customers, Promotions, Newsletter, CMS, Reports, System, and JetRails. The left sidebar contains icons and labels for various services: Overview, Caching, DNS, Crypto, Firewall, Speed, Page Rules, Network, and Scrape Shield. The main content area is titled 'Caching' and includes the subtitle 'Manage caching settings for your website'. It features three primary configuration sections: 1. 'Purge Cache', which explains that clearing cached files forces Cloudflare to fetch fresh versions from the web server, with buttons for 'Purge Individual Files' and 'Purge Everything'; 2. 'Caching Level', which allows users to determine how much static content is cached, with 'No Query String' selected; 3. 'Browser Cache Expiration', which sets the time for which Cloudflare instructs visitors' browsers to cache files, currently set to 'Respect Existing Headers'.

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Magento® 1 EE/CE



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# Installation Process

This extension's installation process is very simple. In order to install this extension, make sure that you have access to the filesystem where your Magento installation exists. The following instructions assumes that the reader of this documentation has working knowledge of how to interact with a command line interface. Some additional assumptions are presumed: Magento installation lives in ***/var/www/html***, and extension archive file was copied onto the server where your Magento installation exists and resides in ***/home***.

## Instructions:

1. SSH into server where Magento installation can be found.
2. Copy extension to Magento installation folder.

```
# cp /home/JetRails_Cloudflare-1.0.0.tgz /var/www/html
```

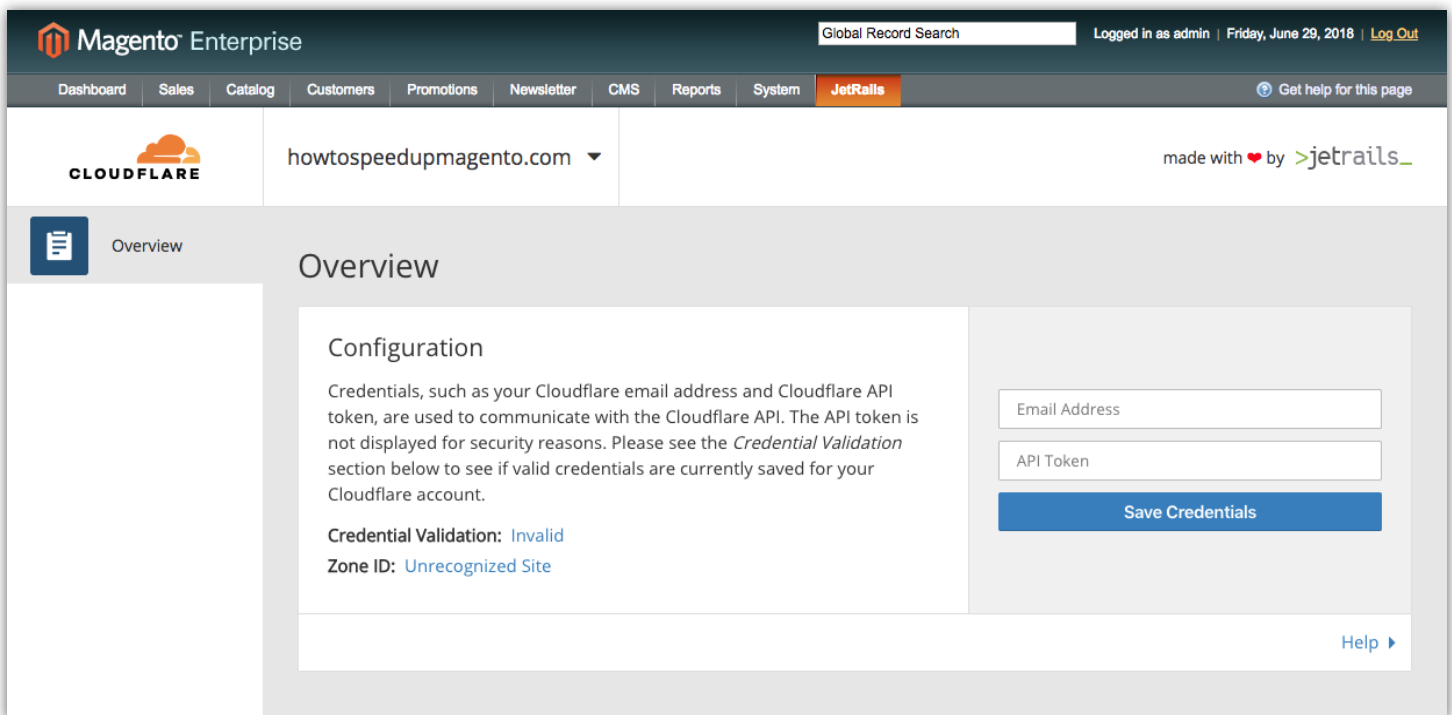
3. Install extension by extracting it into the Magento installation.

```
# cd /var/www/html  
# tar -xvf JetRails_Cloudflare-1.0.0.tgz
```

4. Log into Magento backend and flush cache storage. This can be done by looking under ***System > Cache Management*** and clicking on ***Flush Cache Storage***.

## Setup Process

Once the extension is installed, the Cloudflare dashboard can be found in Magento's backend with the use of the menu by navigating to **JetRails > Cloudflare**. There you will be greeted with a configuration form which will look similar to the one found below.



The screenshot shows the Magento Enterprise backend interface. At the top, there's a navigation bar with 'Magento Enterprise' on the left, a 'Global Record Search' box, and 'Logged in as admin | Friday, June 29, 2018 | Log Out' on the right. Below this is a menu bar with 'Dashboard', 'Sales', 'Catalog', 'Customers', 'Promotions', 'Newsletter', 'CMS', 'Reports', 'System', and 'JetRails' (highlighted in orange). A 'Get help for this page' link is also present. The main content area has a header with the Cloudflare logo, the domain 'howtospeedupmagento.com', and the 'made with ❤ by >jetrails\_' logo. On the left, there's a sidebar with 'Overview' selected. The main section is titled 'Overview' and contains a 'Configuration' box. This box has a text area explaining that credentials (email address and API token) are used to communicate with the Cloudflare API. It also shows 'Credential Validation: Invalid' and 'Zone ID: Unrecognized Site'. To the right of the text area are two input fields: 'Email Address' and 'API Token', followed by a blue 'Save Credentials' button. A 'Help' link is at the bottom right of the configuration box.

In order for this extension to work, access to Cloudflare's API must be configured. The text box labeled *Email Address* will contain the email address of the concerning Cloudflare account. The textbox labeled *API Token* will contain the API key that Cloudflare supplies. In order to get the API key from Cloudflare follow the instructions found on this article:



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<https://support.cloudflare.com/hc/en-us/articles/200167836-Where-do-I-find-my-Cloudflare-API-key>

If the credentials that you have supplied are valid, then you will see that *Credential Validation* will be set to *Valid*. You will need to make sure that the store's domain is also set up with Cloudflare. If the site is currently added to the associated Cloudflare account, then you will see that *Zone ID* will display a valid zone id from Cloudflare. Otherwise you will see *Unrecognized Site*.

## Using The Dashboard

The Cloudflare dashboard can be found by navigating to **JetRails > Cloudflare** with the use of the menu in the Magento backend. Assuming that the steps in the setup process were completed, you will be greeted with an array of tabs on the left side of the page. Otherwise, you will only be able to see the *Overview* tab, in which case you should go through the proper steps to setup the extension. This extension mimics as much functionality from Cloudflare as it can with more features and sections on their way.

The screenshot displays the Magento Enterprise Cloudflare dashboard. At the top, the Magento Enterprise logo is on the left, and a search bar, login status ('Logged in as admin'), date ('Monday, July 2, 2018'), and a 'Log Out' link are on the right. Below this is a navigation bar with tabs: Dashboard, Sales, Catalog, Customers, Promotions, Newsletter, CMS, Reports, System, and JetRails (highlighted). A 'Get help for this page' link is also present. The main content area is divided into a left sidebar and a main panel. The sidebar contains the Cloudflare logo and a list of tabs: Overview, Caching, DNS, Crypto (selected), Firewall, Speed, Page Rules, Network, and Scrape Shield. The main panel shows the 'Crypto' settings for the domain 'howtospeedupmagento.com'. It includes a 'Crypto' section with an 'SSL' toggle set to 'Off' and a 'Help' link. Below this is an 'Always Use HTTPS' section with a toggle set to 'Off' and a 'Help' link. At the bottom is an 'HTTP Strict Transport Security (HSTS)' section with an 'Enable HSTS' button.



## Multi-Store Support

Our extension supports multi-store setups within Magento. While on the Cloudflare dashboard page, the currently selected domain name will be present to the right of the Cloudflare logo. When hovering over the domain name, there will be a drop down populated with all the domain names that are present in your Magento setup. By simply clicking on the domain name you want to use, you will be able to change the scope of the dashboard to configure settings related to said domain name. Please note that this implies that all the domain names that are configured on your Magento installation must also be configured within Cloudflare under the same account.

The screenshot displays the Magento Enterprise JetRails extension interface. The top navigation bar includes the Magento Enterprise logo, a Global Record Search bar, and user information: "Logged in as admin | Monday, July 2, 2018 | Log Out". The main navigation menu contains links for Dashboard, Sales, Catalog, Customers, Promotions, Newsletter, CMS, Reports, System, and JetRails (highlighted). A "Get help for this page" link is also present.

The JetRails section shows the Cloudflare logo with the domain "howtospeedupmagento.com" selected. A dropdown menu lists other domains: "howtospeedupmagento.com" and "othersite.com".

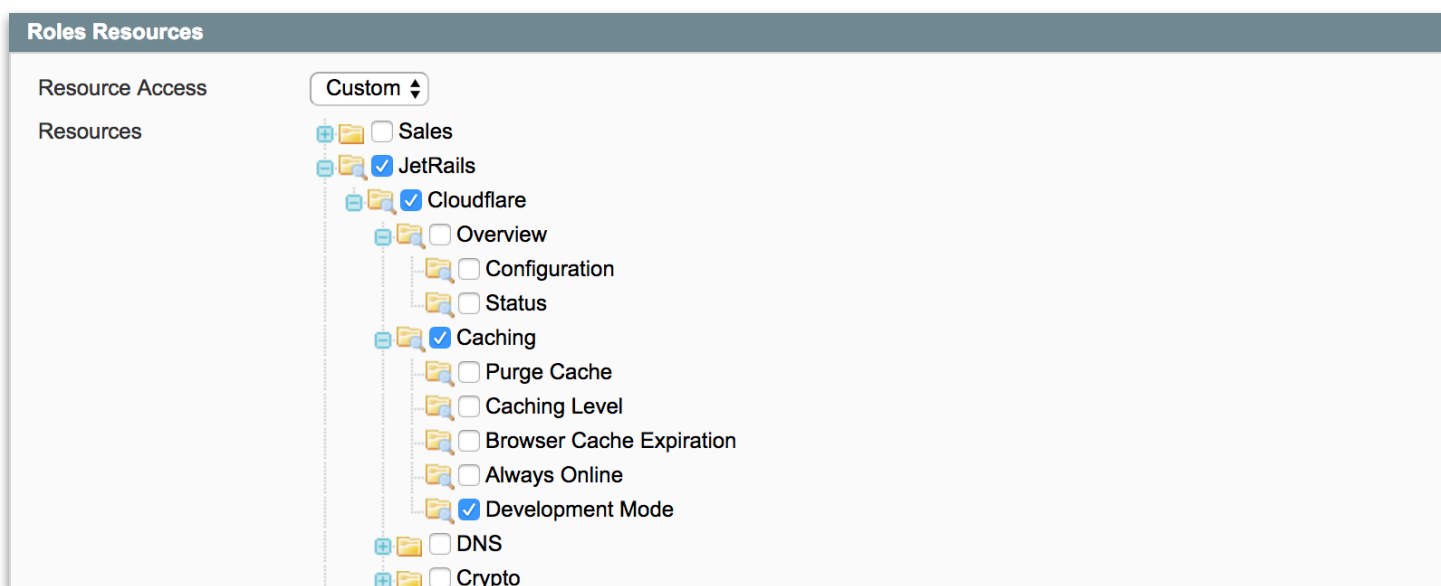
The main content area displays the Cloudflare dashboard configuration for "howtospeedupmagento.com". It includes a text box for "Credentials, such as your Cloudflare email address and Cloudflare API token, are used to communicate with the Cloudflare API. The API token is not displayed for security reasons. Please see the *Credential Validation* section below to see if valid credentials are currently saved for your Cloudflare account." Below this, the "Credential Validation" status is shown as "Invalid" and the "Zone ID" is "Unrecognized Site".

On the right side, there are input fields for "Email" (containing "me@raffi.io") and "API Token", followed by a "Save Credentials" button.

A "Help" link is located at the bottom right of the main content area.

## Restrict Access Using ACLs

Every card like section found under every tab of the Cloudflare dashboard is assigned it's own resource within the Magento ACL system. This means that permission to view and use every card like section can be delegated separately based on which role a user is assigned. An example case where this would be useful is if one had a developer role within the Magento ACL system and they wanted their developer to have permission to only toggle Developer Mode which lives under the Caching tab. The store administrator can simply achieve this by going to System > Permissions > Roles and clicking on the developer role to edit it. Once on the edit page, they can go to Role Resources and select the JetRails > Cloudflare > Caching > Development Mode resource. This will give all users that are assigned to that role the permission to use the Development Mode section, while restricting access to all other sections.





# Additional Support

For additional support or inquiries, please feel free to reach out to us by phone or email. Any found bugs or feature requests can also be communicated to us through email.

**email:**        **development@jetrails.com**  
**phone:**      **1(888) 997-2457**

This extension is currently in beta and any feedback would be extremely valuable.