

**amasty**

For more details see the [Store Switcher](#) extension page.

# Guide for Store Switcher for Magento 2

Ease the shopping process for your international customers. Provide them with local store version including familiar language and currency. Store Switcher extension utilizes IP-addresses to detect location of your customers and switch them between store versions automatically.

- Switch customers between different store versions automatically
- Provide shoppers with familiar language and currency
- Detect visitors' location
- Exclude particular IP addresses and User Agents from redirection
- Let customers choose store version manually

Magento 2 Store Switcher extension is compatible with [Hyvä themes](#). You can find the **amasty/module-geoip-redirect-hyva** package for installing in composer suggest (Note: the compatibility is available as part of an active product or support subscription).

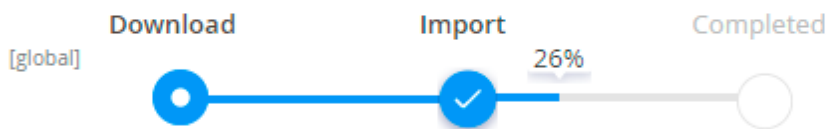
## Database Installation

This product includes GeoLite2 Data created by [MaxMind](#), available from 24.10.2023 (last update date).

You will need to install GeoIP database to make sure that the module works correctly and detects visitor's location.

To install the GeoIP database, go to **Stores → Configuration → Amasty Extensions → GeoIP Data**.

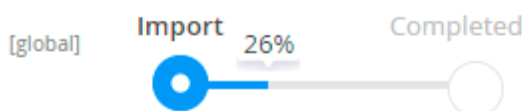
## Download and Import



Last Imported: 2019-03-20 17:14:14

Download and Import

## Import



var/amasty/geoip/GeoLite2-City-Blocks-IPv4.csv  
var/amasty/geoip/GeoLite2-City-Blocks-IPv6.csv  
var/amasty/geoip/GeoLite2-City-Locations-en.csv

Import

You can download and install the databases automatically or import your own data.

Hit the **Download and Import** button to make the extension download or update SQL dump file and import it into your database automatically.

In the Download and Import mode, don't be misled by the error notification in the Import section, on the absence of CSV files: the CSV files are not needed, and the import will proceed.

To import files from your own source, use the **Import** option. Path to the files should look like this (the part 'var/amasty/' should be replaced with your folders' names):

```
var/amasty/geoip/GeoLite2-City-Blocks-IPv4.csv  
var/amasty/geoip/GeoLite2-City-Locations-en.csv
```

In the Import section, the Import button is grayed out by default. It will be available right after you upload the CSV files. The red error notification will switch to green success notification when the import is completed.

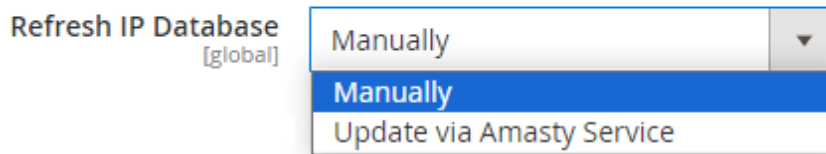
If you face any difficulties when importing the location database, please see the following [solution](#).

## IP Database Update Settings

The database included in the extension was last updated on October 24, 2023. To keep the IP database current, you can update it using one of two methods.

Please note that regardless of the updating method chosen, you need to import the IP database first.

### IP Database Update Settings



**Refresh IP Database** - select the appropriate method for refreshing the IP database:

- **Manually** - to manually upload the updated database files;
- **Update via Amasty Service** - to update the database automatically and regularly via Amasty Service, which is complimentary for you *until August 2024*.

## Extension Configuration

To configure the Store Switcher extension, go to **Stores → Configuration → Amasty Extensions → GeoIP Redirect**.

First, expand the **General** section.

## General

**Enable GeoIP Redirect** [store view]  ▼

General setting affecting all rules

**Display Popup to Customers when Redirecting** [store view]  ▼

The setting allows your website to be compliant with EU regulations regarding geo-blocking and country redirects. [Details](#)

**Redirect Popup Type** [store view]  ▼

**Confirmation Redirect Popup Text** [store view]

The image shows a TinyMCE rich text editor interface. At the top, there are navigation arrows and a dropdown menu set to 'Paragraph'. Below that, there are controls for font size (14px), text color, and background color. The main editing area contains the text: "Now you will be redirected to another store view according to your geo-location". At the bottom, there are icons for link, image, table, and other elements, along with a 'POWERED BY TINY' logo.

**Note:** This text will be displayed to a customer on a popup before redirection happens. He will be allowed to decline redirection and stay at the initial website. ?

**Exclude GET Parameters from Redirect URL** [store view]  ▼

**Enable GeoIP Redirect** — enable or disable the Store Switcher module.

**Display Popup to Customers when Redirecting** - set to *Yes* to display confirmation redirect popup to customers. The setting allows your website to be compliant with EU regulations regarding geo-blocking and country redirects.

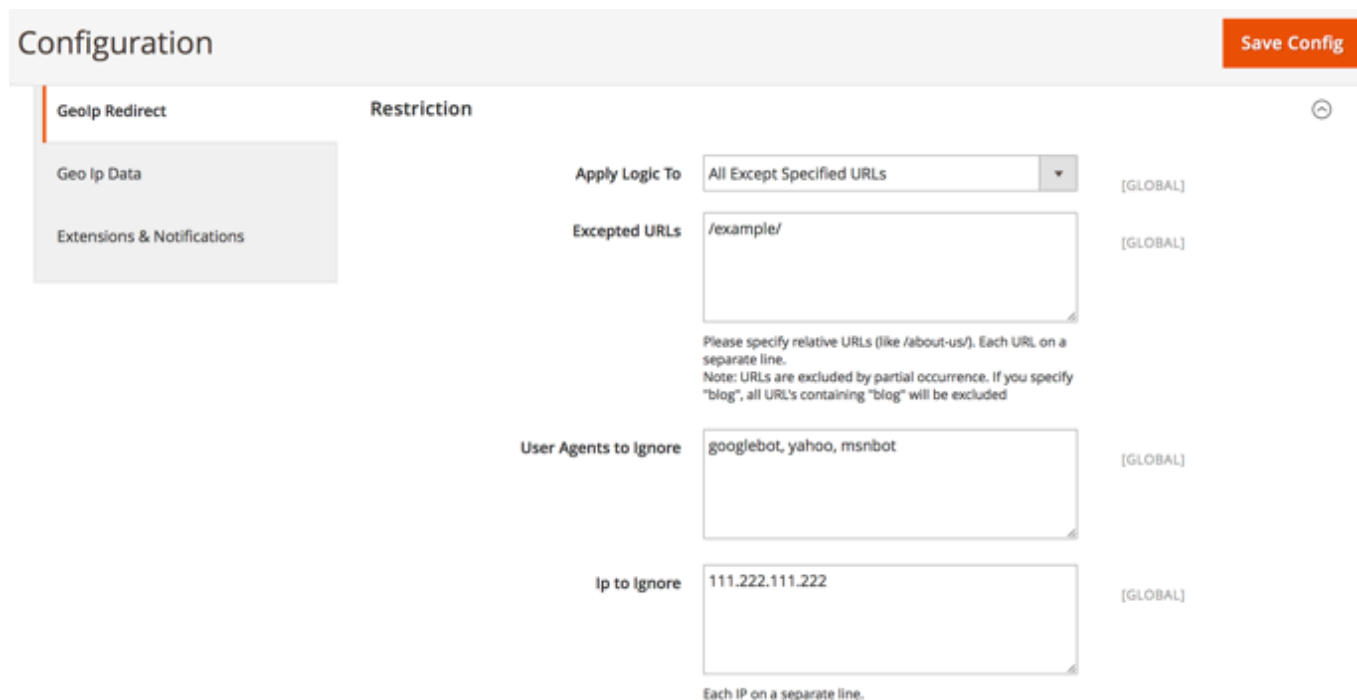
**Redirect Popup Type** - choose *Notification Popup* just to inform customers about the redirection or *Confirmation Popup* if you want them to be allowed to decline redirection and stay at the initial website.

**Confirmation Redirect Popup Text** - specify the text that will be displayed to a customer on a pop-up before redirection happens.

**Exclude GET Parameters from Redirect URL** - set to Yes to hide GET parameters in the URL after redirecting.

Please note that the **Exclude GET Parameters from Redirect URL** feature is available only as a part of an active product or support subscription. You can find the **amasty/module-geoip-redirect-subscription-functionality** package for installation in composer suggest.

Then, proceed to the **Restriction** section.



**Apply Logic To** — select the general logic of redirecting rules:

- All URLs
- Specified URLs
- All Except Specified URLs
- Redirect From Home Page Only

**Excepted URLs** — choose the **Specified URLs** or **All Except Specified URLs** options above to define the excepted URLs here.

**User Agents to Ignore** — ignore redirection rules for specified search engines.

**Restriction by IP** — restrict redirection for certain IP addresses.

First visit redirect only  [GLOBAL]  
**Warning!** If you select "No" visitors will be not able to change Store View / currency.

Redirect Between Websites  [GLOBAL]

**First Visit Redirect Only** — activate to enable redirection only for the first visit.

Beware that if you set this option to **No**, customer wouldn't be able to switch store view and currency at their desire.

**Redirect Between Websites** — enable to redirect visitors between several websites.

## Country to Store Redirect Configuration

Expand the **Country to Store View Redirect** section.

The screenshot shows the Amasty Extensions configuration interface. On the left is a sidebar with 'AMASTY EXTENSIONS' and sub-items: 'Geolp Redirect', 'Geo Ip Data', and 'Extensions & Notifications'. The main area shows three sections: 'General', 'Restriction', and 'Country to Store View Redirect'. The 'Country to Store View Redirect' section is expanded, showing the 'Enable Country -> Store View' dropdown set to 'Yes' with a [GLOBAL] label. A warning message below reads: 'Please switch 'Current Configuration Scope' to a necessary store view to select affected countries.'

**Enable Country -> Store View** — enable to redirect visitors from certain countries to particular store views.

The screenshot shows the 'Country to Store View Redirect' configuration section. It features a list of 'Affected Countries' with 'France' selected. The list includes: Falkland Islands, Faroe Islands, Fiji, Finland, France, French Guiana, French Polynesia, French Southern Territories, Gabon, and Gambia. To the right of the list is a checkbox labeled 'Use Website' with a [STORE VIEW] label.

Switch the **Store View** dropdown menu to the required store version and define the list of countries that will be affected.

Now, visitors from the selected countries will see the defined store view version.

## Countries and Currencies Mapping

Open the **Country to Currency Switch** section.

### Country to Currency Switch



Enable Country -> Currency  [GLOBAL]

Country to Currency Mapping

Country	Currency	Action
<ul style="list-style-type: none"><li>Ukraine</li><li>United Arab Em</li><li>United Kingdom</li><li>United States</li></ul>	<input type="text" value="US Dollar"/>	
<ul style="list-style-type: none"><li>Costa Rica</li><li>Croatia</li><li>Cuba</li><li>Cyprus</li></ul>	<input type="text" value="Euro"/>	

[STORE VIEW]

**Enable Country -> Currency** — set this option to **Yes** to automatically switch currency according to user's location.

**Country to Currency Mapping** — define country — currency relation by selecting countries and the appropriate currencies. Hit the **Add** button to create a new relation.

## Country to URL Redirect

Then, proceed to the **Country to URL Redirect** section.



## Country to URL Redirect



Enable Country -> URL  [GLOBAL]

Country to URL Mapping [STORE VIEW]

Country	Url	Action
<input type="text" value="Cuba"/> <input type="text" value="Cyprus"/> <input type="text" value="Czech Republic"/> <input type="text" value="Côte d'Ivoire"/>	<input type="text" value="www.amas"/>	<input type="button" value="🗑"/>

**Enable Country -> URL** — enable to redirect visitors from certain locations to any other URL.

**Country to URL Mapping** — select locations and specify the URL that would be used to redirect visitors to. Use the **Add** button to create a new country — URL relation.

If you enable the **Use Website** checkboxes for the mapping options, the same set of rules would be applied to the Main Website and the selected Store View.

## Troubleshooting

### GeoIP Data Import Failure

Sometimes, it is unable to complete the database import due to execution time limit of PHP scripts. You can avoid this error by increasing the maximum execution time for your PHP scripts.

You need to set the **max\_execution\_time** to the number of seconds that all your scripts are allowed to run in your PHP's configuration file. The file location may differ from system to system but in general you need to find the **PHP.INI** file and modify it.

We need to set the value to 18000.

For example:

```
; Maximum execution time of each script, in seconds  
; http://php.net/max-execution-time  
; Note: This directive is hardcoded to 0 for the CLI SAPI  
max_execution_time = 18000
```

Setting the value to 0 means there's no time limit.

You'll have to restart your web server for this solution to work.

## Varnish Cache Compatibility

To make the switcher functionality work with Varnish Cache enabled, it is necessary to change just a few things in the web server configuration:

1. For **nginx** - add the following code in any place of the **nginx.conf** file:

```
set_real_ip_from <varnish-ip>;
```

2. For **apache** - add the following code in any place of the **.htaccess** file:

```
RemoteIPTrustedProxy <varnish-ip>;
```

Where **<varnish-ip>** is an IP address of the Varnish server.

You can contact a hosting provider to change the web server configuration or do it on your own. With an independent change, you need to have root access and restart the server after the changes are implemented.

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Find out how to install the Store Switcher extension via [Composer](#).

From:

<https://amasty.com/docs/> - **Amasty Extensions FAQ**

Permanent link:

[https://amasty.com/docs/doku.php?id=magento\\_2:store\\_switcher](https://amasty.com/docs/doku.php?id=magento_2:store_switcher)



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