

## USER MANUAL



## GeoIP Redirect

**Version: 1.0.4**

**Compatibility:**

Community Edition:

2.2. \*, 2.3. \*, 2.4. \*

## TABLE OF CONTENTS

Introduction .....	1
Benefits of GeoIP .....	1
Prerequisites .....	1
Installation .....	2
Installation Steps.....	2
Backend Configuration .....	3
GeoIP Module Activation .....	3
Get Activation Key.....	3
Insert Activation Key .....	3
GeoIP Redirect .....	4
GeoIP Configuration .....	4
Manage Rules .....	8
GeoIP Analyze Data.....	12
Frontend view.....	13
Points to Note.....	15
Contact Us.....	15

## Introduction

Ready to localize your customers' shopping experience? Do it with AppJetty's Magento 2 GeoIP Redirect plugin. It is packed with features of store geo localization, flexibility in redirection, store security, and more.

Our feature-rich Magento 2 GeoIP Redirect enables you to offer your customers language-based localization and enhance their experience. Seamlessly broaden your business outreach through the features of multilingual and multi-currency support our GeoIP Redirect offers.

## Benefits of GeoIP

➤ **Easy to Install and configure the GeoIP Redirect with Currency**

➤ **Manage Multiple Domains**

Create a language-specific domain and specify the countries for the same to redirect customers from all those countries to it.

➤ **Prompt to ask user for switching the store with our popup for redirection**

Give your customers the freedom to choose specific store view by displaying the popup message.

➤ **Add Rules for GeoIP**

Add the rules to manage the stores by selecting the countries and currencies.

➤ **Popup message to Visitors**

Select the popup style to display the visitors when they access the stores from their region.

➤ **Block Request**

Block the unwanted traffic visiting your store by selecting a particular country or entering malicious IP addresses.

➤ **Navigate to the Blocked Visitors**

Select a popup message or navigate to a specific page to the visitor whose county/IP is blocked.

## Prerequisites

- Admin should have a Magento Account.
- Admin should sign up with the MaxMind GeoIP to get access key.
- Admin should have configured the Stores and Currency Rates.

# Installation

## Installation Steps

### Manual Installation (Installing Magento 2 extension by copying code)

#### Step 1:

##### For Windows OS:

- Go to <your Magento install dir>/app/code. Under that, create the folders using following hierarchy:
- Biztech
- Geoip

##### For Linux OS:

- Enter the following commands while keeping their order:
  - `cd <your Magento install dir>/app/code`
  - `mkdir -p Biztech/ Geoip`
- After this, find the Download Zip and extract all files and folders in the folder you just created Biztech/Geoip.

#### Step 2:

- After the successful installation you have to run the command on Magento 2 root directory-“`php bin/magento setup:upgrade`”.
- If you see blank page or permission error, go to Terminal (Linux)/Command Prompt(Windows).
  - `cd [magento root directory][var]`
  - run the following command
  - `$ chmod -R 777 *`

Step 3:

- After running the command, log into the admin panel and clear the Cache. Go to **SYSTEM** → **Tools (section)** → **CACHE MANAGEMENT** to clear the cache.

Cache Management

Flush Cache Storage **Flush Magento Cache**

Refresh Submit 13 records found

Cache Type	Description	Tags	Status
<input type="checkbox"/> Configuration	Various XML configurations that were collected across modules and merged	CONFIG	DISABLED
<input type="checkbox"/> Layouts	Layout building instructions	LAYOUT_GENERAL_CACHE_TAG	DISABLED
<input type="checkbox"/> Blocks HTML output	Page blocks HTML	BLOCK_HTML	DISABLED
<input type="checkbox"/> Collections Data	Collection data files	COLLECTION_DATA	DISABLED
<input type="checkbox"/> Reflection Data	API interfaces reflection data	REFLECTION	DISABLED
<input type="checkbox"/> Database DDL operations	Results of DDL queries, such as describing tables or indexes	DB_DDL	DISABLED
<input type="checkbox"/> EAV types and attributes	Entity types declaration cache	EAV	DISABLED
<input type="checkbox"/> Customer Notification	Customer Notification	CUSTOMER_NOTIFICATION	DISABLED

Step 4:

- After successful installation, you can see the **'GeoIP Redirect'** under **APPJETTY EXTENSIONS** tab inside **STORES** → **CONFIGURATION**.

APPJETTY EXTENSIONS ^

- Appjetty Language Translator
- GeoIP Redirect** ←
- Magemob Inventory

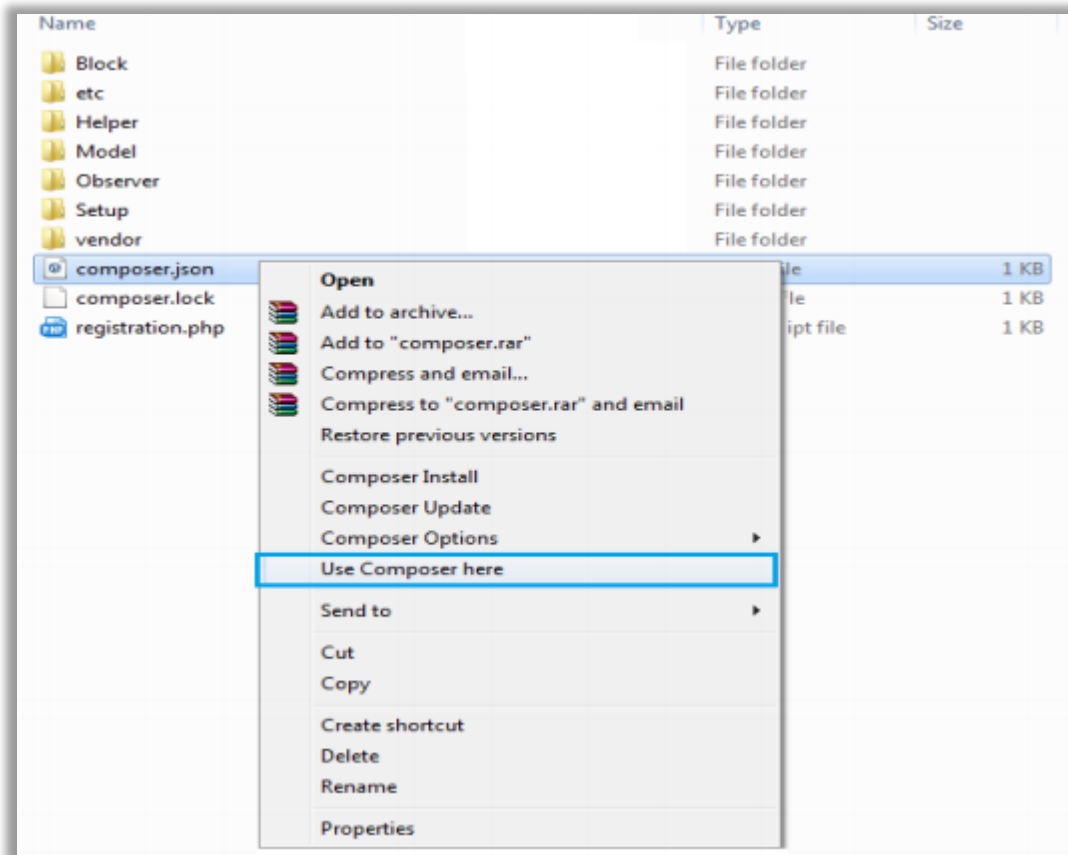
### Installation via Composer

#### Step 1:

- Install composer from this link. If you have already installed composer, skip this step.

#### Step 2:

- Go to **app** → **code** → **Biztech** → **GeoIP**, then right click on composer.json and select Use Composer here.

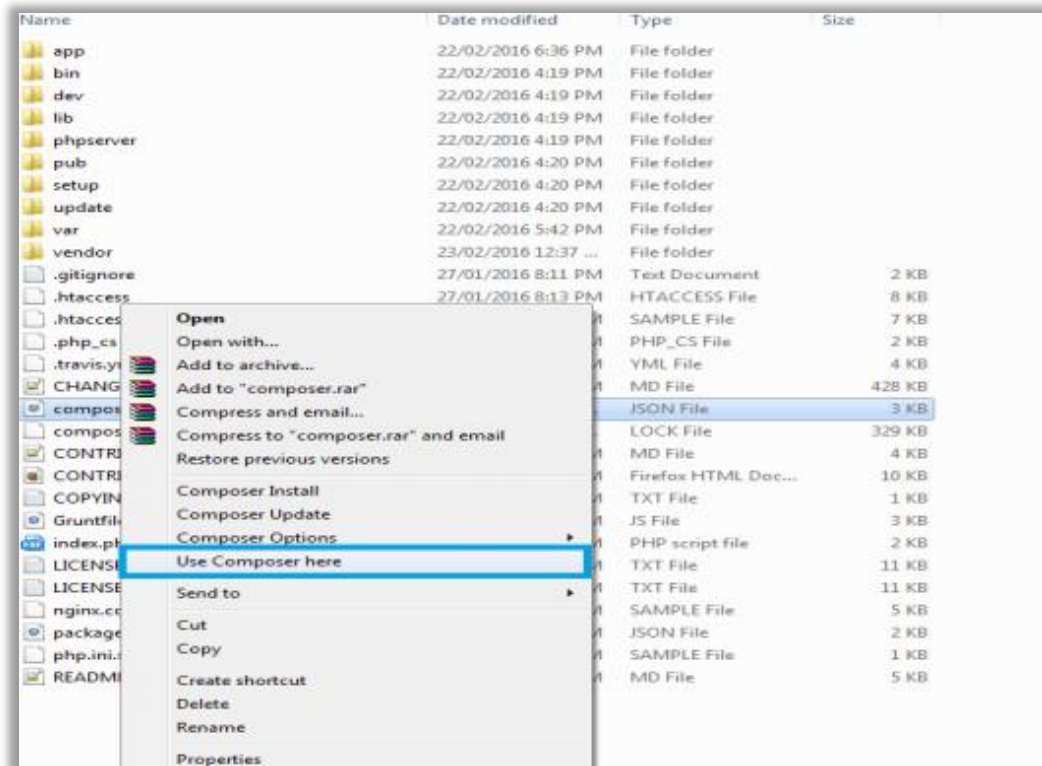


#### Step 3:

- After that, you can see command prompt where you have to run the following command:
  - composer update

**Step 4:**

- Now go to [magento root directory] and right click on Use Composer here.



**Step 5:**

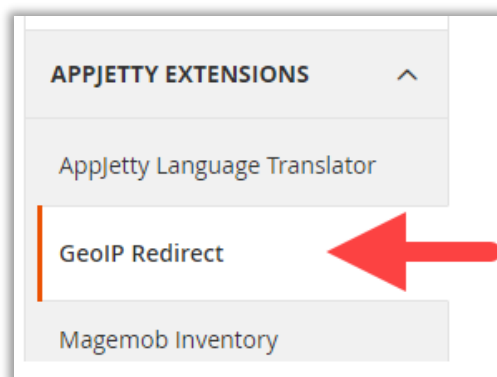
- You will see a cmd window and then run the following command there:
  - `php bin/magento setup:upgrade`

**Step 6:**

- After running the command, log into the admin panel and clear the Cache. Go to **SYSTEM → Tools (section) → CACHE MANAGEMENT** to clear the cache.

**Step 7:**

- After successful installation, you can see the “GeoIP Redirect” under **APPJETTY EXTENSIONS** tab inside **STORES → CONFIGURATION**.



Once the installation is successful, scroll down to activate the extension.

# Backend Configuration

- Please follow the steps below to configure Magento 2 **GeoIP Redirect**.

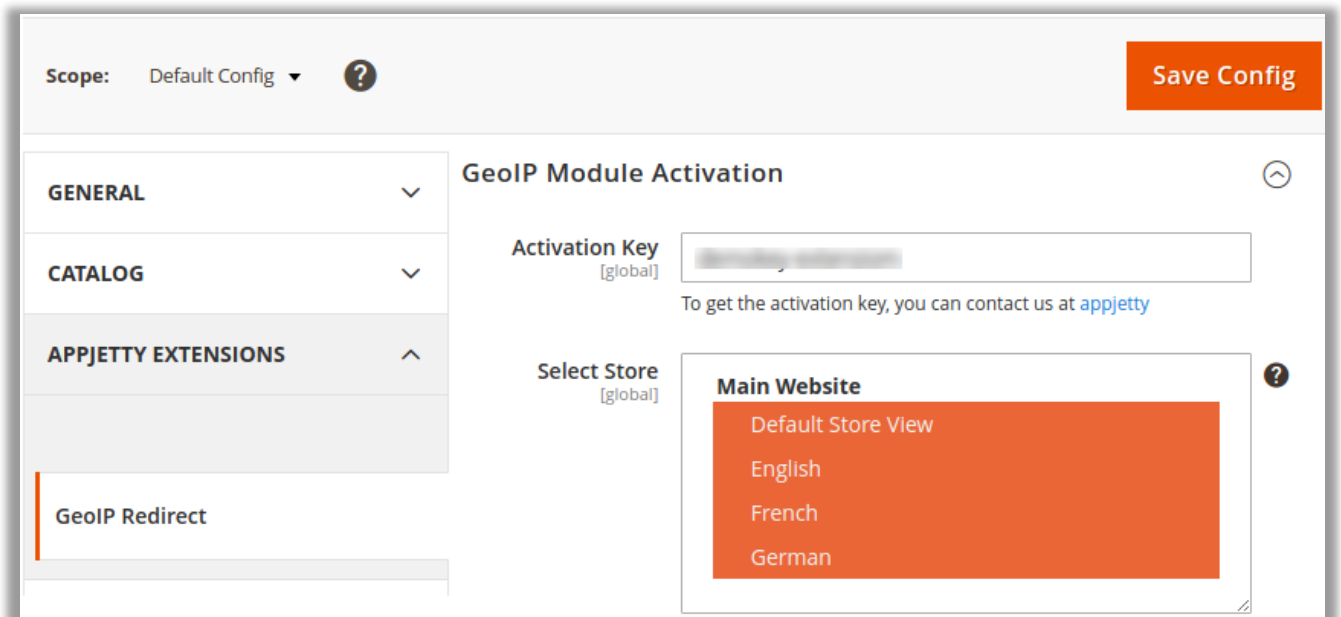
## GeoIP Module Activation

### Get Activation Key

- Copy the activation key from the Order Confirmation Mail.  
*OR*
- Log into your account at [www.appjetty.com](http://www.appjetty.com) using your registered email and password you have provided at checkout process.
- Go to Downloadable Options and copy the activation key for the **GeoIP Redirect** extension.

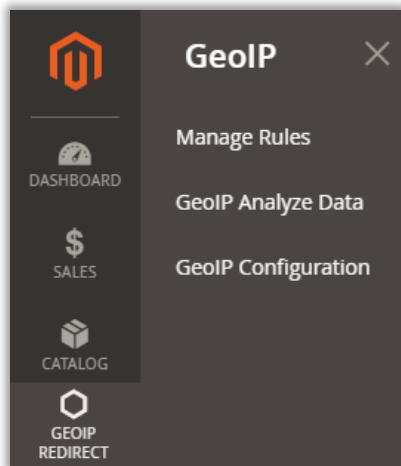
### Insert Activation Key

- Log into Magento Admin Panel and navigate to **GeoIP Redirect → GeoIP Configuration. (STORES → Configuration → APPJETTY)**
- Here you will find the **GeoIP Module Activation** option:
  - **Activation Key:** Enter the activation key for the “**GeoIP Redirect**” extension.
  - **Select Store:** Select the Stores where you need to use the GeoIP extension. Click on ‘**Save Config**’ button after your selections.



- Now, GeoIP extension got activated! You should set **GeoIP Configurations**.

## GeoIP Redirect



- Once you installed the module, the **GEOIP REDIRECT** menu can see in the **Magento** navigation pane.
- From here you can **Configure** the GeoIP for the store, **Manage Rules** for Stores by selecting the Country with Currency and **Analyze** the GeoIP Data.

## GeoIP Configuration

### Activation & MaxMind GeoIP Configuration

- After activation, navigate to the configuration option from **GeoIP Redirect** → **GeoIP Configuration**.
  - **Activation:** Select **Yes** to enable activation of the GeoIP.
  - **MaxMind GeoIP License Key:** Please enter the MaxMind license key details to get the Geographical location of the user when they visit your web store.

**Note:** If you do not have the license key then please sign up from [here](#), after sign up you will get mail from the MaxMind, in the mail you will get the link. Click on the link to further create password for the login, username will be same as registered email address used to sign up. To get license key now, navigate to your account section on left and click **My License Key**.

A screenshot of the 'GeoIP Configuration' form. The form has a dark header with the title 'GeoIP Configuration'. Below the header, there are several configuration options, each with a label, a value field, and a dropdown arrow. The 'Activation' field is set to 'Yes'. The 'MaxMind GeoIP License key' field contains 'hGy0IavvXMS1I2SW'. Below this field is a text box with instructions on how to obtain a license key. The 'Download the GeoIP data' field has a 'Download GeoIP Database' button. The 'Download Automatic MaxMind GeoIP Database' field is set to 'Yes'. The 'Cron Schedule' field is set to 'Daily'. Below this field is a text box showing 'Cron Last Synced At: 15-10-2020 08:47'. The 'Start Time [HH:MM:SS]' field is set to '08 : 47 : 19'. The 'Delete Old Database' field is set to 'Yes'. Below this field is a text box stating 'Enabling this option would delete old database quarterly.'



- **Download the GeoIP Data:** Click on this button to get the GeoIP Database.
- **Download Automatic MaxMind GeoIP Database:** Enable this option to download the MaxMind GeoIP Database automatically.  
**Note:** To enable the automatic download option for MaxMind GeoIP Database, you must have set the 'CRON schedule' with the 'Time'.
- **Cron Schedule:** You can schedule the Cron **Daily / Weekly / Monthly** basis as per your need. You can see the last synced detail of the Cron.
- **Start Time [HH:MM:SS]:** Insert the time when do you want to download the GeoIP Database.
- **Delete Old Database:** By enabling this option, your database will delete quarterly.

### Popup on Switching Store

- **Prompt user to ask for switching store and currency:** By selecting **Yes** to this option, the user will get the popup to switch store and currency as per the geolocation detected.  
**Note:** If you have selected **No**, this option will be disabled, and the store & currency will switch automatically as per the geolocation detected.

**Prompt user to ask for switching store and currency** [global] Yes  
Enabling this option, will prompt user to select an option to switch store and currency based on geolocation detected. If disabled, store and currency will switch automatically based on geo location detected.

**Popup Title** [global] Redirect Store?  
Added title will be shown in the popup title.

**Popup Message** [global] Based on your location, you should redirect to other store. Click below to get redirected.  
Added message will be shown in the popup message(content).

**Popup Redirect button text** [global] Redirect  
Added text will be shown as redirect button text.

**Select Popup Style** [global] Style 2  
[View and select popup style](#)  
Message will be prompted to the customer to switch store in the selected pop up style.

- You can add Popup Title, Message (Content), Redirection Button Text.
  - **Popup Title:** Insert a Popup Title i.e. 'Auto Store Switching'.
  - **Popup Message:** Insert an instructive message to redirect to another store.
  - **Popup Redirect button text:** Insert a text caption of redirection button.

Popup Style Preview:

Please note, message in the preview style we will be updated only after you save the previous configurations. From here you can select the style, and message will be updated based on your configured text.

**Style 1 :**

**Auto Store Switching**

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Geo-Located Store: **French**

By Clicking below button you will be redirected to your Geo Located Store.

**Redirect**

Configure Style 1

**Style 2 :**

**Auto Store Switching**

---

Geo-Located Store: **French**

By Clicking below button you will be redirected to your Geo Located Store.

**Redirect**

Configure Style 2

**Style 3 :**

**Auto Store Switching**

---

Geo-Located Store: **French**

By Clicking below button you will be redirected to your Geo Located Store.

**Redirect**

Configure Style 3

**Style 4 :**

**Auto Store Switching**

---

Geo-Located Store: **French**

By Clicking below button you will be redirected to your Geo Located Store.

**Redirect**

Configure Style 4

- **Select Popup Style:** Select the 'Popup Style' to display the customers when they switch the store. The Popup preview is also provided to select the popup as per your choice.
- By clicking on Configure Style 1, the Style 1 for the popup redirect will be selected.

Enable Magento Switcher

- **Manual Store Switching:** You can enable/disable the Magento manual Sore switcher.

<b>Manual store switching</b> <small>[store view]</small>	Yes
Enabling this option, Customer will able to switch magento manual stores.	
<b>Manual currency switching</b> <small>[store view]</small>	Yes
Enabling this option, Customer will able to switch magento manual currency.	

- **Manual currency switching:** You can enable/disable the Magento manual Currency switcher.

**Block Visitors**

- You can block the unwanted users or traffic to your store by entering the IP address(es) manually or selecting the country from the Country List.
  - **Enable Visitor Blocking:** Enable this option to block the users to your store.
  - **Countries Blacklist:** You can block the unwanted users or traffic from any countries. Select the **country(s)** to blacklist and to not allowed to access your Website.
  - **IP Address Blacklist:** You can also block the unwanted users or traffic by inserting the **IP address(es)** manually.

**Note:** You need to insert a single IP Address per a line.

**Enable Visitor Blocking** [global] Yes

Enabling this option, You can block visitor from Country or IP to access site.

**Countries Blacklist** [global]

- Afghanistan
- Åland Islands
- Albania
- Algeria
- American Samoa
- Andorra
- Angola

**IP Address Blacklist** [global]

Specify just one IP address in a line.

**Select page view for blocked visitor** [store view] Redirect URL

**Redirect to specific URL when Customer from Blocked IP and Country** [store view] customer/account/create

Write URL path except base URL (Like: contact,customer/account/create)

- **Select page view for blocked visitor:** To blocked visitors, you can display the **Pop up message** or redirect to the specific page by selecting the **Redirect URL** option.

You need to insert just URL path of the store to redirect the customer on that page.

If you have selected the 'Popup message', you need to insert the **popup title** and **message**.

**Select page view for blocked visitor** [store view] Pop up message

**Blocked country popup title** [store view] Services are blocked

Added title will be shown in the popup title.

**Blocked country popup message** [store view] We are not operating in your area currently.

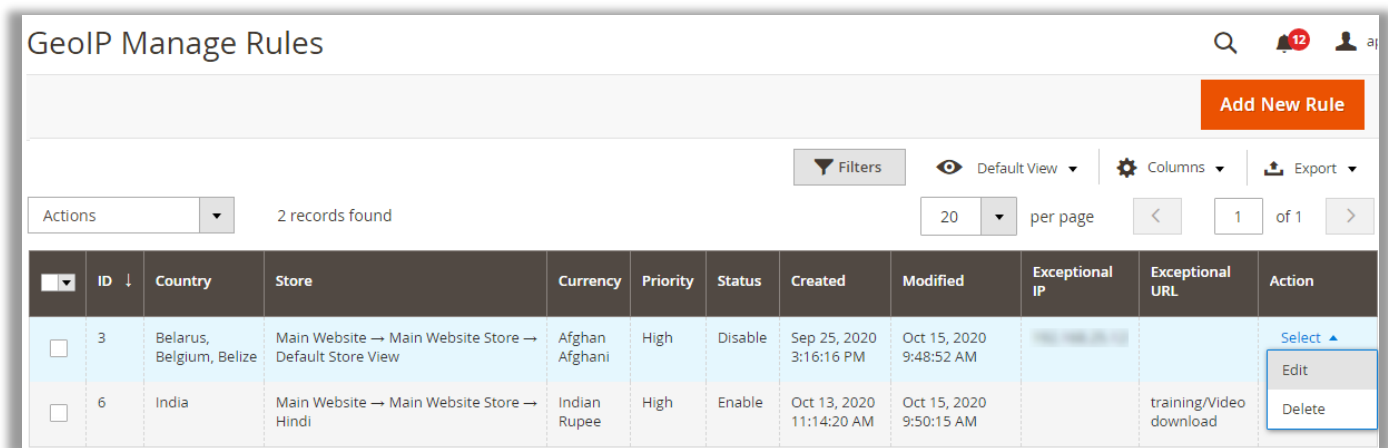
Added message will be shown in the popup message.

## USER MANUAL: Magento2 GeoIP Redirect

- After inserting & selecting the required details for “GeoIP Configuration,” click on **Save Config** button.
- After saving the GeoIP Configuration, you need to setup for the **Store & Currency under the Manage Rules**.

### Manage Rules

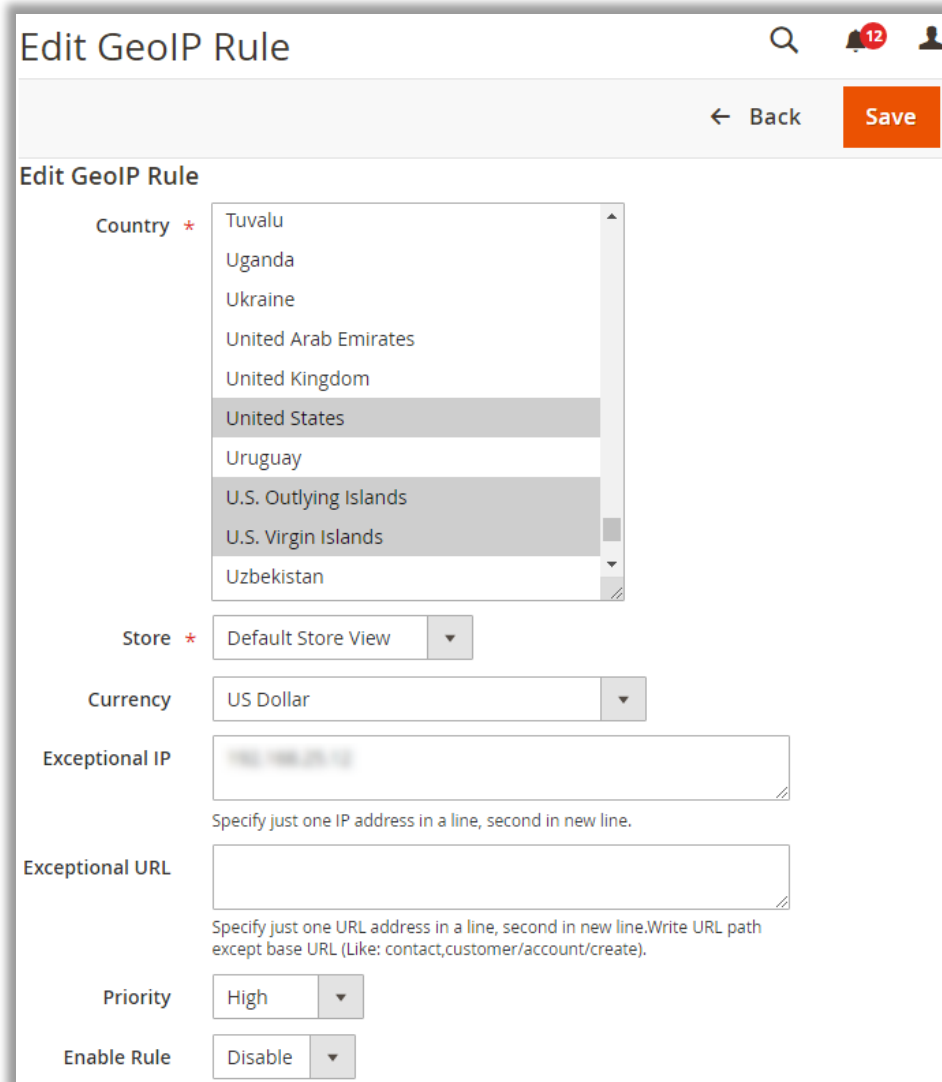
- Navigate to **GeoIP Redirect → Manage Rules** menu to configure the Store & Currency by selecting the country and the Store for that selected country.
- You will get the list of existing GeoIP Rules in grid view. You can edit any by clicking on **Edit** option under the ‘Action’ column.



The screenshot displays the 'GeoIP Manage Rules' interface. At the top right, there is a search icon, a notification bell with '12', and a user profile icon. Below this is an orange 'Add New Rule' button. The main area contains a grid of rules with columns: ID, Country, Store, Currency, Priority, Status, Created, Modified, Exceptional IP, Exceptional URL, and Action. Two records are shown. The first record (ID 3) is for Belarus, Belgium, Belize with an Afghan Afghani currency and is disabled. The second record (ID 6) is for India with an Indian Rupee currency and is enabled. The Action column for each record has a dropdown menu with 'Select', 'Edit', and 'Delete' options.

ID	Country	Store	Currency	Priority	Status	Created	Modified	Exceptional IP	Exceptional URL	Action
3	Belarus, Belgium, Belize	Main Website → Main Website Store → Default Store View	Afghan Afghani	High	Disable	Sep 25, 2020 3:16:16 PM	Oct 15, 2020 9:48:52 AM			Select Edit Delete
6	India	Main Website → Main Website Store → Hindi	Indian Rupee	High	Enable	Oct 13, 2020 11:14:20 AM	Oct 15, 2020 9:50:15 AM		training/Video download	Select Edit Delete

- From here, you can add a new rule to redirect the website based on the user geolocation. Click on **Add New Rule** button to add and configure the store & currency or **‘Edit’** any store.
- Select the required details:



- **Country:** Select the Country of the visitors.
- **Store:** Select the **Store** from the drop-down option on which you want to redirect the visitors to. You will get the stores list as per the Store Configuration.

**Note:** You can select the multiple countries for single store by holding the 'Ctrl' and Mouse click.

- **Currency:** Select the currency to display on the store for product rates. You can configure the currency from the Stores → Currency Rates under Currency menu.

For a specific GeoIP Rule, you can insert exceptional IP & URL:

- **Exceptional IP:** You can exclude the visitor from redirection by inserting the IP address. The visitor will not be able to switch the store. If you have multiple IP addresses, you need to insert one IP per line.
- **Exceptional URL:** The visitor will be redirected to default store for added exceptional URL.
- **Priority:** Set the priority. High priority selected rule will be considered first for redirection in case there are any other rules added in the backend.
- **Enable Rule:** Enable/Disable the rule as per your business requirement.

- After configuring the rules for the store, click on **Save** button.

**Note:** GeoIP Rule can be set only for one store by selecting the multiple countries if required. But you cannot add new GeoIP Rule for the Web Store for which you have already added the Rule

### Filter Option

- When you are managing many stores at a time, the filter option is provided to search and view the GeoIP Rules based on the selection of Country, Currency, Priority, Status, and Exceptional IP & URL.

The screenshot shows the 'GeoIP Manage Rules' interface. At the top right is an orange 'Add New Rule' button. Below it is a toolbar with 'Filters' (highlighted), 'Default View', 'Columns', and 'Export'. The filter panel includes:

- ID**: 'from' and 'to' text boxes.
- Created**: 'from' and 'to' text boxes with calendar icons.
- Modified**: 'from' and 'to' text boxes with calendar icons.
- Country**: A dropdown menu with 'Select...'.
- Store**: A dropdown menu with 'Select...'.
- Currency**: A dropdown menu with 'Select...'.
- Priority**: A dropdown menu with 'Select...'.
- Status**: A dropdown menu with 'Select...'.
- Exceptional IP**: A text box.
- Exceptional URL**: A text box.

At the bottom right are 'Cancel' and 'Apply Filters' buttons.

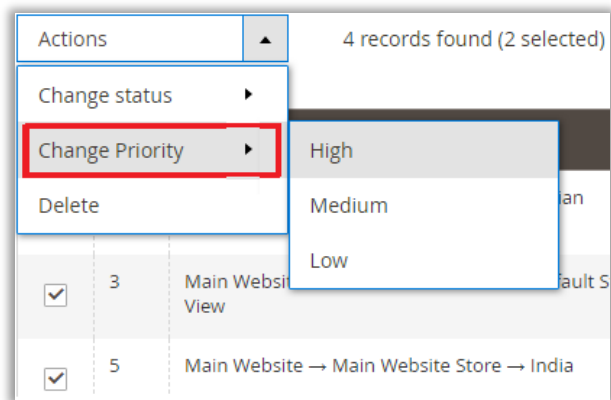
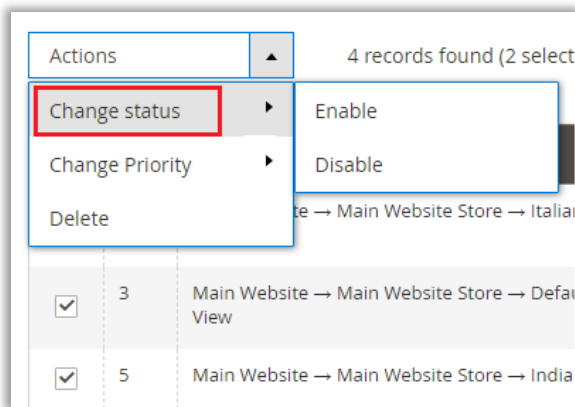
- After selecting the details for the filter, click on **Apply Filters** button, the GeoIP Rules will appear based on the Filter selection.

**Actions**

- The mass actions are provided for the GeoIP Rules.

		Store	Currency	Priority	Status	Created	Modified	Exceptional IP	Exceptional URL	Action	
<input type="checkbox"/>		rus, Belgium, United States, U.S. Outlying Islands, U.S. Virgin Islands	Main Website → Main Website Store → Default Store View	US Dollar	High	Disable	Sep 25, 2020 3:16:16 PM	Oct 15, 2020 10:28:05 AM	192.168.25.12		Select ▾
<input checked="" type="checkbox"/>	6	India	Main Website → Main Website Store → German	Euro	High	Enable	Oct 13, 2020 11:14:20 AM	Oct 15, 2020 10:49:30 AM		training/Video download	Select ▾

- By clicking on the Action option, you can change the Status and Priority for the selected GeoIP Rules. You can delete the Rule(s) as well.



## GeoIP Analyze Data

- Navigate to **GeoIP Redirect** → **Analyze** to check the data with the details who visits your store. You will get the details of Redirection, Visitor’s Country, IP, Redirection Action with the Date, Block status.

GeoIP Analyze Data								
Actions		56 records found			20 per page		Search	Reset Filter
ID	Redirected To	Visitor Country	Visitor IP	Redirect Action	Action Date	Blocked Request	Detail	
Any					From			
					To			
<input type="checkbox"/>	61	German	India	49.24.193.52	Homepage	Oct 15, 2020	UNBLOCKED	<a href="#">View Detail</a>
<input type="checkbox"/>	60	German	India	198.222.88.194	Homepage	Oct 15, 2020	UNBLOCKED	<a href="#">View Detail</a>
<input type="checkbox"/>	59	German	India	49.24.215.191	gear/bags.html	Oct 14, 2020	UNBLOCKED	<a href="#">View Detail</a>
<input type="checkbox"/>	58	German	India	49.24.199.228	men/bottoms-men.html	Oct 13, 2020	UNBLOCKED	<a href="#">View Detail</a>
<input type="checkbox"/>	57		India	1.28.93.132	Homepage	Oct 12, 2020	BLOCKED	<a href="#">View Detail</a>
<input type="checkbox"/>	56		India	27.81.194.54	Homepage	Oct 12, 2020	BLOCKED	<a href="#">View Detail</a>
<input type="checkbox"/>	55		India	27.199.14.291	customer/account/create	Oct 12, 2020	BLOCKED	<a href="#">View Detail</a>
<input type="checkbox"/>	54		India	1.28.191.294	Homepage	Oct 12, 2020	BLOCKED	<a href="#">View Detail</a>
<input type="checkbox"/>	53		India	198.129.200.18	magemobcart/homepage/getstoredetail	Oct 12, 2020	BLOCKED	<a href="#">View Detail</a>

## GeoIP Analyze Data Detail

[Back](#)

### Visitor Detail

<b>Visitor From</b>	India
<b>IP Address</b>	49.24.193.52
<b>Action Date</b>	15-Oct-2020
<b>Redirected To</b>	Homepage

### Redirected Rule Detail

<b>Redirected to Store</b>	German
----------------------------	--------

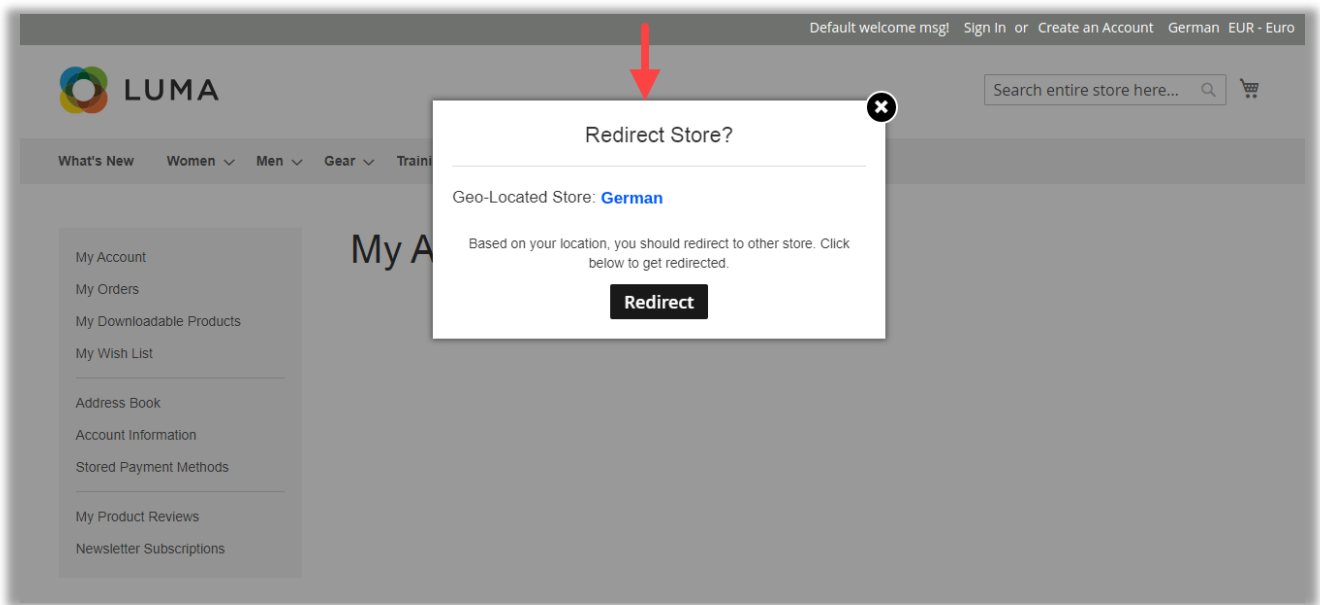
➔ [Click here to view your created rule in detail](#)

- By clicking on the View Detail, you will get the Visitor’s details in summary.
- You can also navigate to the Rule that you have created.

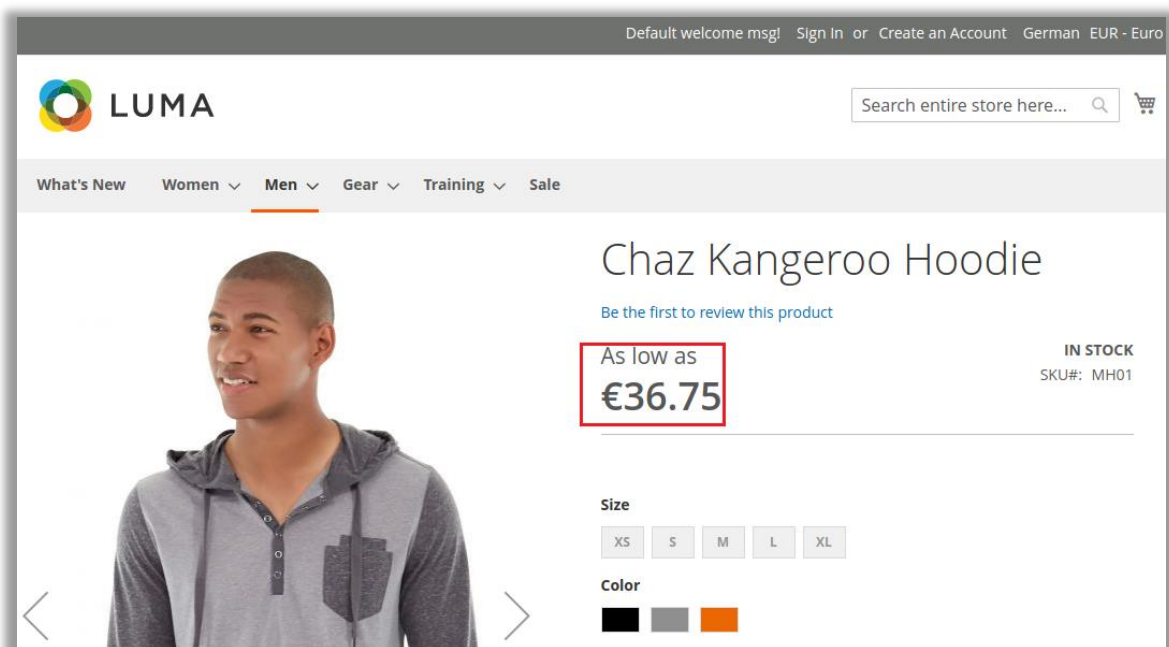


## Frontend view

- As per the GeoIP Configuration and GeoIP Rules, your webstore will redirect the visitors accordingly.
- When your customers will visit the webstore, they will get the popup if you have enabled the **Prompt user to ask for switching store** option.
- By pressing **Redirect** button, they will be redirected to the webstore which is managed in the GeoIP Rules.

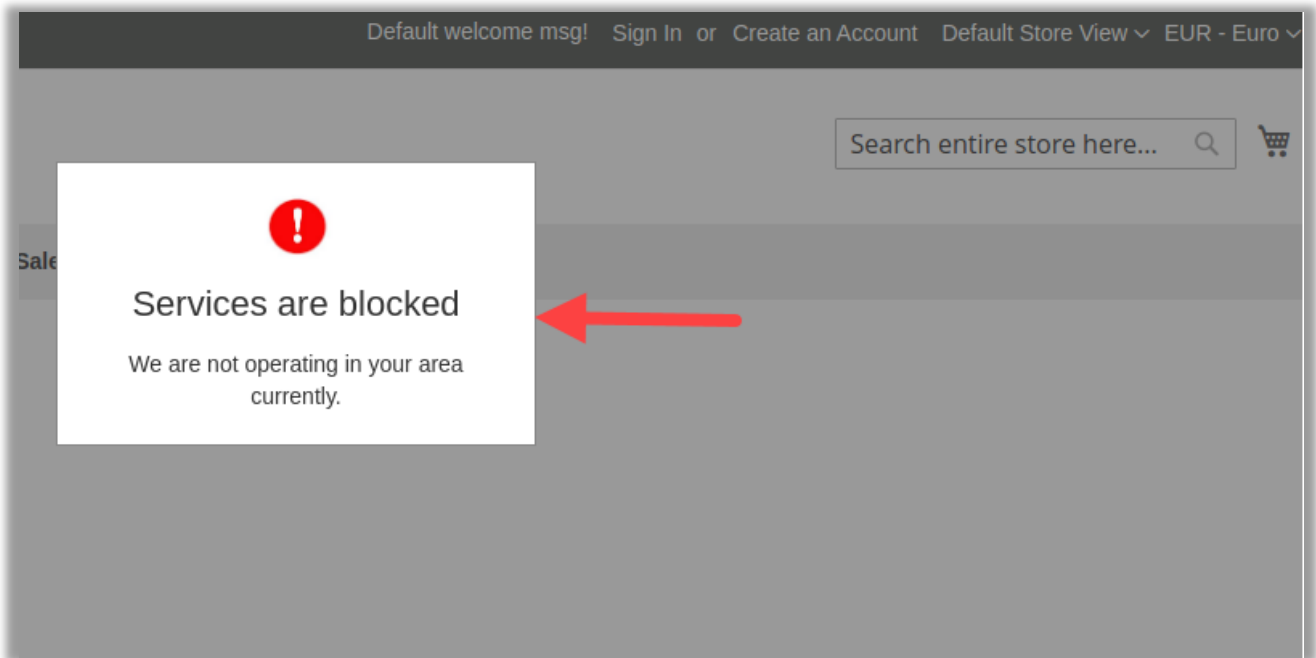


- But if the customer Cancelled **X** the popup, they would stay on the default store only, but they can select the store view manually.
- Once your customer clicks on **Redirect**, they will be redirected to that country's specific store. As per above screenshot, the customer will be redirected to the **German** store and the currency will be displayed i.e. Euro in the product rates.

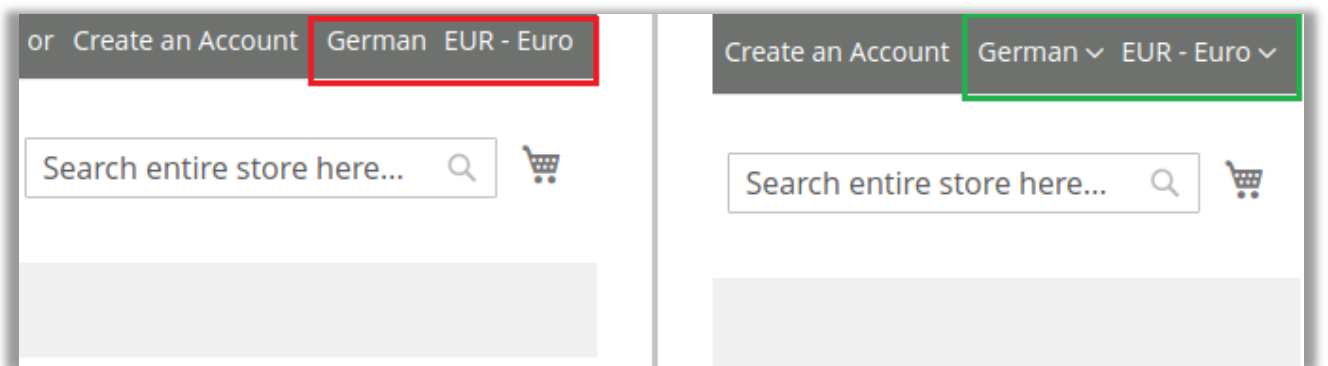


## USER MANUAL: Magento2 GeolP Redirect

- If the visiting customer's county is blocked, the customer will get the popup message as you set or ask to navigate to specific page.



- If you have enabled the Magento "Manual Store Switcher" and "Manual Currency Switcher" from GeolP Configuration, the customer can manually select the store or/and currency.



## Points to Note

- You must sign up to MaxMind GeoIP to get the License key to get the Geolocation of the visitors. You can get sign up from [here](#).
- GeoIP Rule can be set only for one store by selecting the multiple countries if required. But you cannot add new GeoIP Rule for the Web Store for which you have already added the Rule

## Contact Us

We simplify your business, offer unique business solution in digital web and IT landscapes.



### Live Chat

- Get instant support with our Live Chat.
- Visit our product page at: [www.appjetty.com/magento2-geoip-store-switcher](http://www.appjetty.com/magento2-geoip-store-switcher) and click on the Live Chat button for instant support.



### Tickets

- Raise tickets for your specific question!
- Send an email to [support@appjetty.com](mailto:support@appjetty.com) or you can login to your account @ [www.appjetty.com](http://www.appjetty.com) and click on My Support Tickets on your account dashboard, to get answers to your specific questions.

### Customization:

If you would like to customize or discuss about additional feature for **GeoIP Redirect**, please write to [sales@appjetty.com](mailto:sales@appjetty.com)