

User Guide for Magento 2 Icecatconnect extension

System Requirements

Global requirements:

- Magento shop Icecat subscription type;
- Opportunity for connection to a customer server via SOAP (firewall issue);

Software:

PHP Version: $\geq 5.5.x, 5.6.x$

MySQL Version: $\geq 5.6.x$

Packages: PDO/MySQL, mbstring, mcrypt, mhash, SimpleXML, curl, xsl, gd/ ImageMagick 6.3.7 (or later) or both, SOAP, intl

Settings:

Safe Mode: Disabled

allow_url_fopen Enabled

Memory Limit: $\geq 768M$

Max. Execution Time: 0 OR ≥ 360 sec.

Access for checking/fixing problems:

Access to Magento administration page.

Plus additional permissions:

- SSH (it's desirable) or FTP access;
 - access to logs of web service (apache, nginx etc);
 - access to enable logs in magento;
 - access to log files of magento;
 - access to display process list of server, related to magento.
- cache control (for testing);
- reindex control (for testing);
- access to database (checking of DB structure and that data is correct).

Installing

Installation of extension can be by two ways:

- via composer
- manually

Composer way installation

For install extension via composer need write next command in root of Magento directory:

```
composer require iceshop/icecatconnect
```

or update your composer.json file section "require" with this line:

```
"iceshop/icecatconnect": "^2.0"
```

and run command for update your packages :

```
composer update
```

After you get module via composer all that you need that update your Magento (via setup:upgrade command).

Manual installation

Manual installation has difference only in way that package you can receive from ICEShop.

All further installation process is default for any modules as you may install at shop.

Settings of attributes mapping

Now you need to create products attributes to contain data, which'll be used for mapping the products.

Recommendation: all around the world highly recommended to use a pair MPN-Brand name as attributes for mapping the products; using this pair guarantees stable work of the extension. But if for some reasons you prefer using GTIN as an attribute for mapping, it is not restricted.

If till now you're not having these attribute, you need to create these, if you're - skip this step.

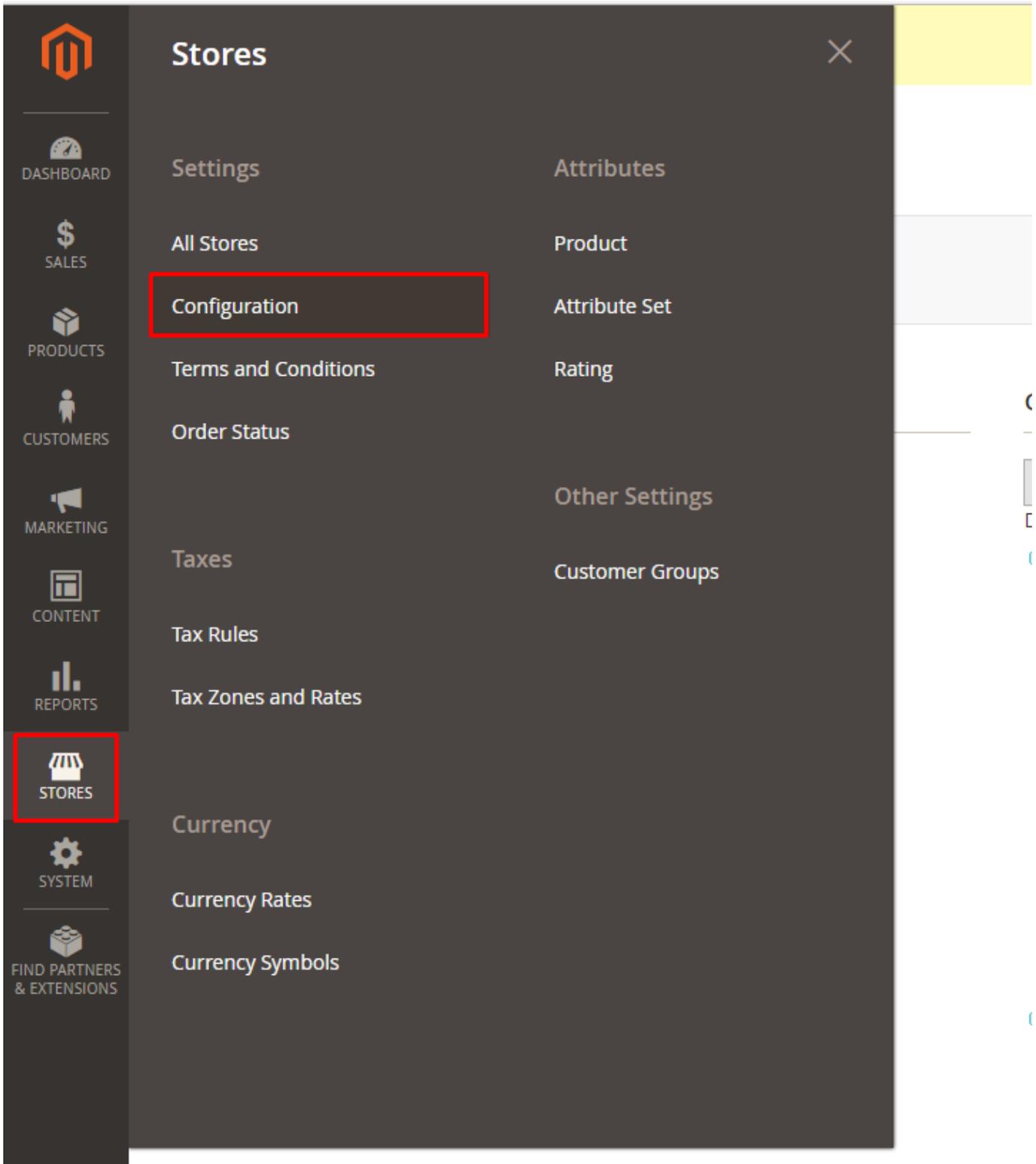
Add new attributes with codes (*not necessary to use the exact codes*)

Attribute name	Attribute code	Scope
Manufacturer product number (MPN)	mpn	Global
Brand	brand_name	Global
GTIN	ean	Global

Now you need to add created attributes to "Default" attribute set into "General" group:

- Go to *StoresAttribute Set*,
- Choose attribute set named "Default" and simply drag'n'drop newly created attributes ("mpn", "brand_name", "ean") from "Unassigned Attributes" to "Product Details" in "Groups" section.
- Press "Save Attribute Set".

To configure module, go to *Stores->Configuration* (as shown on image below)



Then go to Icecat Settings section (as shown on image below)

The screenshot shows the 'Configuration' page with a sidebar on the left containing navigation icons for Dashboard, Sales, Products, Customers, Marketing, Content, Reports, Stores, System, and Find Partners & Extensions. The main content area is titled 'Configuration' and shows 'Store View: Default Config'. A sidebar menu under 'ICESHOP' includes 'ICECatConnect Information' and 'ICECatConnect Settings' (highlighted with a red box). Other menu items include General, Catalog, Customers, Sales, Services, and Advanced. The main settings area is divided into 'Products Mapping' and 'Service Settings'. 'Products Mapping' includes dropdowns for MPN (mpn), Brand (brand), GTIN (ean), Import GTIN (On), Import Brand/MPN (Off), and Default description attributes (On). 'Service Settings' includes Re-index Required (Off) and Update attributes (Off).

Here you'll find all the available setting (as shown on image below)

This screenshot shows the full 'ICECatConnect Settings' section. It includes a 'Save Config' button in the top right. The settings are organized into three sections: 'Products Mapping', 'Service Settings', and 'Languages Mapping'. 'Products Mapping' includes MPN (mpn), Brand (brand), GTIN (ean), Import GTIN (On), Import Brand/MPN (Off), and Default description attributes (On). 'Service Settings' includes Re-index Required (Off), Update attributes (Off), and Replace product images by Icecat (On). 'Languages Mapping' includes Strict Language Import (Off), Multilingual Mode (Off), Main language (Dutch), and Insurance language (English). Each setting has a '(STORE VIEW)' link next to it.

▼ Description of modules settings. [Click here to expand...](#)

Setting's name	Description	Default value	Note
Products Mapping			
MPN	The attribute to use for mapping	mpn	
Brand	The attribute to use for mapping	brand_name	
GTIN	The attribute to use for mapping	ean	

Import GTIN	Import GTIN based on brand name and MPN, only if field is empty. GTIN attribute mapping needs to be filled	Off	
Import Brand/MPN	Import brand name and MPN based on GTIN, only if field is empty. Brand name and MPN attribute's mappings needs to be filled	Off	
Default description attributes	Use default description's attributes of define custom ones	On	
Service Settings			
Re-index Required	Run re-index of all the content after finishing the ICECat import	On	
Update attributes	Update attributes	On	
Update sort order	Sorting of attributes (affected for frontend). if setting is disabled then sort ordering for existing attributes will not be changed	Off	
Update attribute labels	If setting is disabled then labels for existing attribute will not be updated	On	
Update attribute option labels	if setting is disabled then labels for existing attribute options will not be updated	On	
Replace product images by Icecat	If set to On - all gallery will be cleaned from not Icecat images. And will be uploaded new. If set to Off - all existing or custom images is stay. But like default images will be set IceCat image. The process of setting default image can be disabled on Iceshop side.	On	
Languages Mapping			
Strict Language Import	Choose import content if data isn't exist in exact language or not (if Off - mapping language(en_US) will be used). Use ONLY "Main language" language for my attribute titles. And don't replace it with English even if "Main language" is missing	On	
Multilingual Mode	Enable if you have a multi-language store (If "Multilingual Mode" is On than need value for each)	Off	
Main language	Main language for store (Can't be empty)	English	
Insurance language	language to use instead if description in main language not exists (Can't be empty)	English	

First section, named "General", responses for the mapping of the attributes.

Choose the attributes in each dropdown. Here you need to be very careful, because these mapping then will be used to refresh all of your products.

Recommendation: if in your webshop you're using a pair MPN/Brand - define first two dropdowns, if GTIN - the third dropdown needs to be defined.

Also in Icecatconnect module exist option that allows block product in shop catalog from update. You can set update products content or no on the products edit page.

required translations during the import process

then values of those products will be replaced with english values.

If "Strict Language Import" is On then module will use previous scheme but without Default language. It means that it will firstly try "Main language", secondly "Insurance language" and if

he wouldn't find required translations during the import process then values of not matched products will be empty.

After all, simply click "Save" button and we're almost done.

API Settings

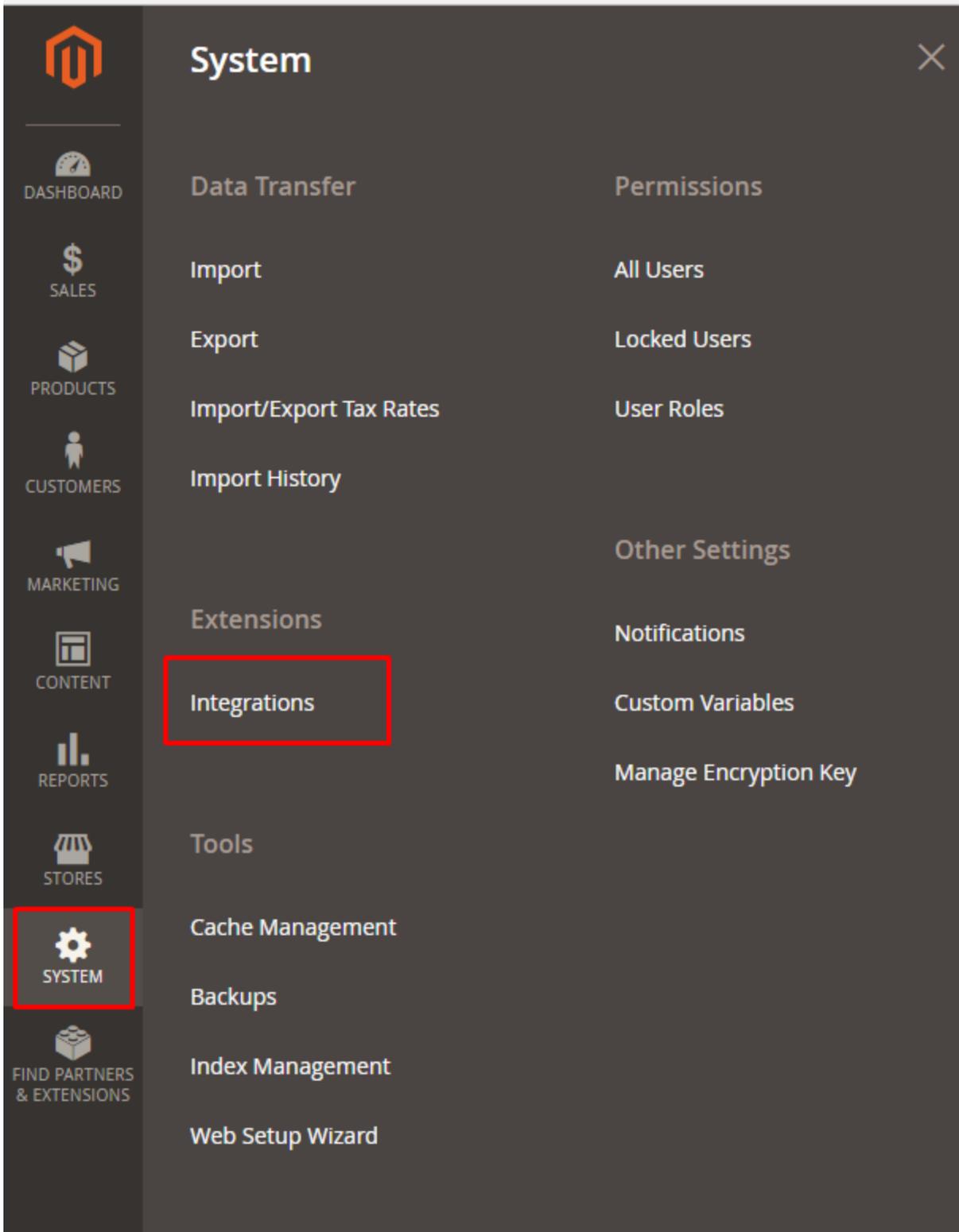
Magento makes it possible to work with external content providers with the help of built-in Web Services mechanism.

By default in Magento Webshop none of them aren't installed. Icecat-connector extension works through SOAP API, so we need to make some settings.

Magento provides extensive instruments to manage the APIs with the help of different roles with wide range of possible permissions and the users, which uses assigned set of permissions.

For Icecatconnect extension need create new integration.

For this need go to SystemIntegration section.



And then need create new integration. After fill all needed filed need check Access Token for further access to shop via SOAP API.

Shop settings resume

After all the actions we're having:

- shop with installed extension
- needed attributes are created
- attribute mapping in extension settings section is completed
- if necessary, multilingual settings are completed
- API integration created

Data required for ICEhub connection

- Magento shop URL
- Magento SOAP Access Token
- Information about Icecat subscription type

IF USED FIREWALL: to correct working of the module please add our ip **46.105.138.80** adress into exception list for HTTP and HTTPS ports.

Contacts

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