

Amazon Integration for Opencart User Guide

by CedCommerce Products Documentation

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1. Overview

Based in Seattle, Washington, Amazon is the largest eCommerce marketplace and cloud computing platform in the world as measured by revenue and market capitalization. Amazon started its online presence by selling books but today they have risen to be Earth's biggest online store. Its website offers millions of books, as well as other media, home furnishings, clothing, pet supplies, office products, and hundreds of other product categories.

Amazon Integration for OpenCart is an API integration that helps OpenCart store owners to sell their products on Amazon and also to synchronize inventory, price, and other product details for product creation and management between OpenCart store and Amazon marketplace. After the installation, the merchant can create Amazon categories and the dependent attributes on the OpenCart store.

Amazon OpenCart Integration extension interacts with Amazon marketplace to integrate the synchronized product listing between OpenCart and Amazon retailer

Key Features are as follows:

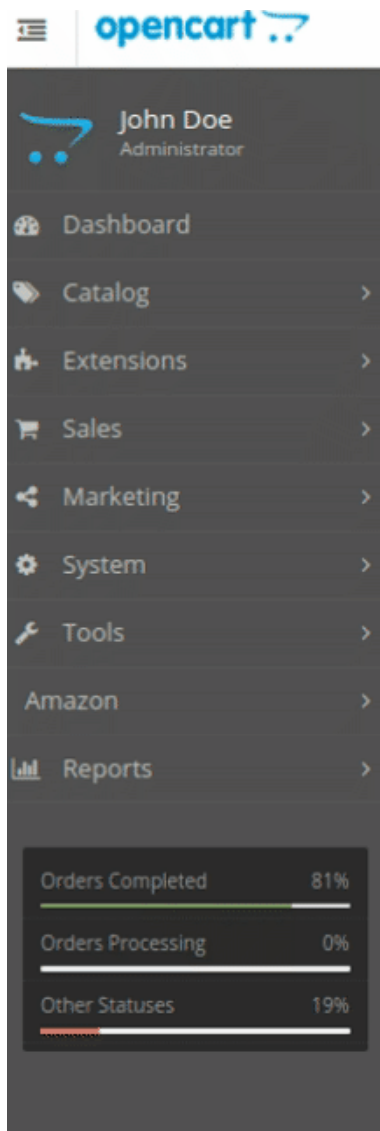
- **Bulk Upload System:** The merchant has the flexibility to upload any number of products on Amazon.com using the bulk product upload feature.
- **Profile-based Easy product upload:** Admin can create a profile and map Amazon category and attributes to the OpenCart store category and attributes. After that admin can easily upload products to Amazon.
- **Product Category Mapping:** Admin can map the categories of the OpenCart store to the Amazon.
- **Manage Amazon Orders:** Allows admin to import orders from the Amazon Marketplace to convert it into regular OpenCart Store Orders and Shipments.
- **Synchronized Inventory and Profile Based Pricing:** Establishes Inventory Synchronization at regular intervals. Establishes Product Listing between OpenCart store and Amazon. Increase or decrease in Profile based price.
- **New Order Notifications:** Whenever a new order is fetched from Amazon.com, the admin receives a notification.
- **Low Stock Notifications:** Whenever Stock diminishes lower than a threshold, the admin receives a notification.
- **Rejected Products Notification:** If Amazon.com rejects any product containing some invalid details, then the extension helps in fetching the information from the automatically synchronized requests along with the cause of rejection.

2. Configuration Settings\

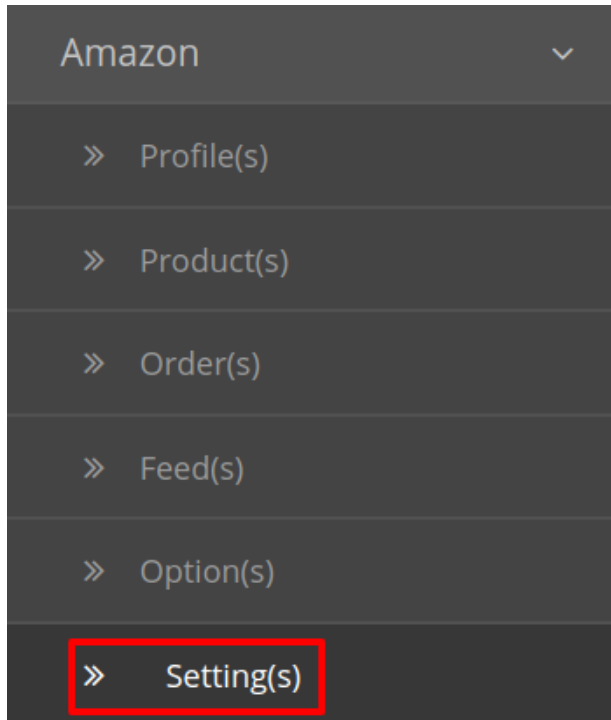
Once the module has been installed, the first necessary step needs to be taken by the admin is to complete the Configuration.

To do the Configuration Settings,

- Go to your OpenCart admin panel.
- Click the **Amazon** option which is on the left navigation bar, as shown in the figure below:



- From the menu that appears as shown in the image below, click on **Settings**.



- On clicking Settings, you will be navigated to the Amazon Configuration page as shown below:

Amazon Integration By Cedcommerce [Home](#) / [Amazon](#) / [Amazon Integration By Cedcommerce](#)

Edit Amazon Setting

Api Details

Module Status: Enabled

Seller ID: entry_seller_id

Marketplace ID: [Dropdown]

AWS Access Key ID: [Text]

AWS Auth Key ID: [Text]

Secret Key: Secret Key

Order Settings

Email For Amazon Orders: [Text]

Fulfillment Latency: 2

Product Settings

Price Variation from Store: Default Price

Enable Cron Sync: Disabled

Update Inventory Edit: Disabled

Update Price On Edit: Disabled

Update Whole Info: Disabled

Debug Mode: Disabled

Cron Url(s)

Product Upload: http://demo.cedcommerce.com/integration/opencart2.0/index.php?route=cedamazon/product/updatestatus

Sync Quantity: http://demo.cedcommerce.com/integration/opencart2.0/index.php?route=cedamazon/product/updateStock

Sync Price: http://demo.cedcommerce.com/integration/opencart2.0/index.php?route=cedamazon/product/updatePrice

Fetch Order: http://demo.cedcommerce.com/integration/opencart2.0/index.php?route=cedamazon/order/index

- Under the **API Details** start filling the details.
- In **Module Status** choose **Enabled** to enable the module. Without Enabling the module, all the changes made will not reflect on the Amazon marketplace.
- Enter your Amazon **Seller Id** in the next section.
- Choose the **Marketplace Id** from the drop-down menu.
- The **AWS Access Key ID** and **AWS Auth Key ID** details are mentioned on your Amazon seller panel, Enter these details here.
- In the **Secret Key** section, enter the Secret Key provided by Amazon marketplace. This is a mandatory field and you can not proceed without filling the details in this section.
- Now move to the **Order Settings** section.
- In **Email For Amazon Orders**, enter the email id on which you want to get notified about the Amazon orders via mail.
- In **Fulfillment Latency**, enter the number of days in which you can deliver the orders.
- In **Price Variation from Store** select the default store from which you wish you to select the price of your

products.

- Enable / Disable the Cron synchronization from **Enable Cron Sync**.
- If you wish to update the Inventory after every edits then select Enable under the **Update Inventory Edit**.
- Similarly in case of edit in price select Enable or Disable under the **Update Price On Edit**.
- In case you wish to update all the information after edits then select Enabled under **Update Whole Info**.
- In **Debug Mode**, select **Enable** if you want the Debug log to be created.

- Now move to the last section of Settings ie. **Cron Settings**
- There are 4 Crons mentioned below:

a.
Product Upload

b.
Sync Quantity

c.
Sync Price

d.
Fetch Order.

- Click on the Save Button to save all the settings as shown:

Amazon Integration By Cedcommerce

[Home](#) / [Amazon](#) / [Amazon Integration By Cedcommerce](#)



- A confirmation message appears as shown below:

✔ Amazon Integration module's Configuration save Successfully.

3. Profile Management

The admin can take the following actions concerned with a profile while doing the Amazon OpenCart Integration.

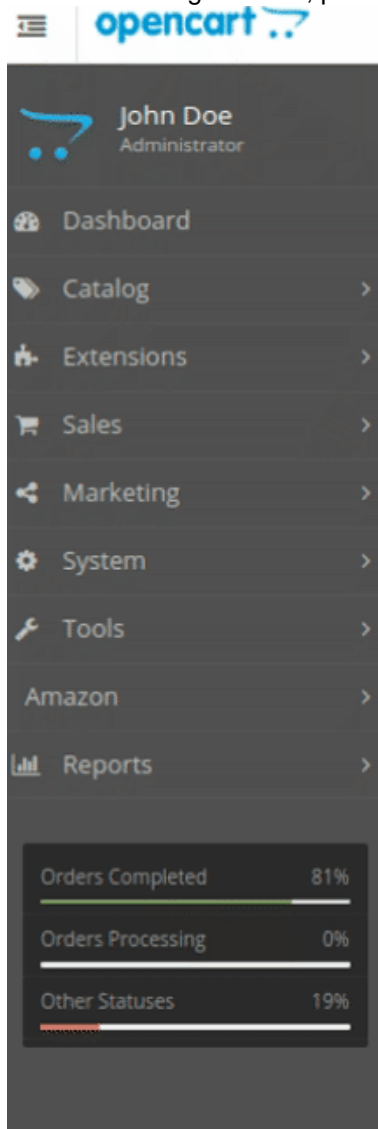
- Addition of a new profile.
- Editing of an existing profile.
- Deletion of a profile.

3.1. Adding a New Profile

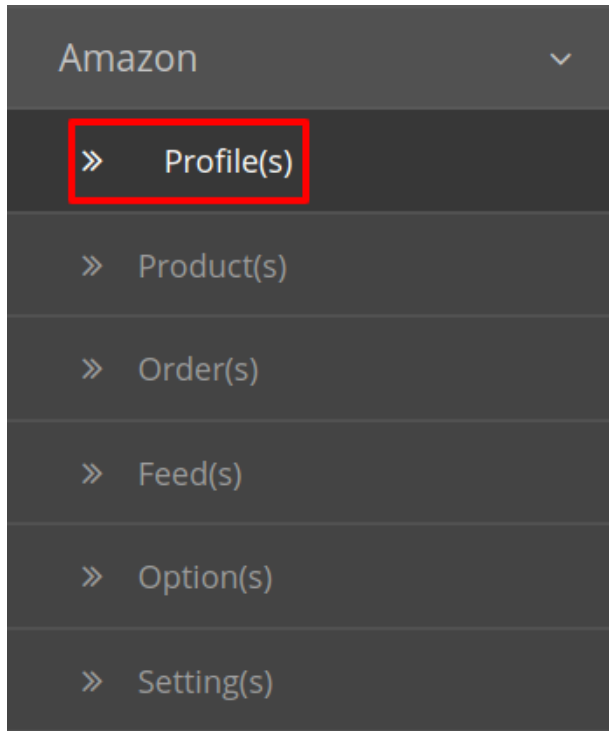
To add a new profile

Note: A profile is where you may assign multiple products to be sold on Amazon from the OpenCart store.

- Go to your OpenCart admin panel.
- On the left navigation bar, place the cursor on **Amazon Integration** as shown:



- When the menu appears, click on **Profile**.



- On clicking the **Profile**, you will be navigated to the page as shown below:

Cedamazon Profile Home / Cedamazon Profile [+](#) [-](#)

☰ Profile List

<input type="checkbox"/>	Profile ID	Title <small>▼</small>	Status	Action
<input type="checkbox"/>	1	test	Enabled	✎
<input type="checkbox"/>	2	test	Enabled	✎

- Here all the profiles are mentioned.
- Now to add a new profile click on the + Button mentioned and you will be redirected to **Amazon New Profile Page**:

Cedamazon Profile

Home / Cedamazon Profile



Add Profile

General Amazon Category & Attributes

Title:

Status:

Manufacturer:

Category:

Stores: Default

Language:

- In the **Title**, enter the title that you want to give to your profile.
- In the **Status**, select **Enable** to enable the profile that you are creating.
- In the **Manufacturer** box, enter the name of the product manufacturer whose product you want to add in the profile.
- In the **Category** box, enter the category of the products that you want to add in the profile.
- In **Stores**, enter the store that you want to integrate with Amazon.
- In **Language**, select the language in which you want the system to proceed.
- Now Click on **Amazon Categories & Attributes** button and the section opens up as:

Cedamazon Profile [Home](#) / [Cedamazon Profile](#)

Add Profile

General **Amazon Category & Attributes**

Amazon Category:

Amazon Attribute	Default Value	Attribute Mapping
------------------	---------------	-------------------

- Choose the desired category and subcategory under **Amazon Category**.
- By doing so additional options open up as:

General

Amazon Category & Attributes

Amazon Category:

Amazon Attribute	Default Value	Attribute Mapping
SKU ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : StringNotNull</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
Barcode Type ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : StringNotNull</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
Barcode ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : Barcode</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
Title ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : StringNotNull</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
Brand ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : StringNotNull</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
Description ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : normalizedString</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
BulletPoint ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : LongStringNotNull</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
ItemDimensions_Length ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : Dimension</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
ItemDimensions_Width ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : Dimension</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
ItemDimensions_Height ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : Dimension</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
PackageDimensions_Length ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : Dimension</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
PackageDimensions_Width ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : Dimension</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
PackageDimensions_Height ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : Dimension</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
Manufacturer ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : FortyStringNotNull</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>
MfrPartNumber ?	<input style="width: 100%; border: 1px solid #ccc;" type="text"/> <small>? Example : FortyStringNotNull</small>	<input style="width: 100%; border: 1px solid #ccc;" type="text"/>

- In this section, map the Amazon attributes with your desired store attributes.
- You can also Enter the default values for the desired attribute(s) in the section in the middle.
- After filling out the desired information, Click on **Save** Button on the top right-hand side as shown:

Amazon Integration By Cedcommerce

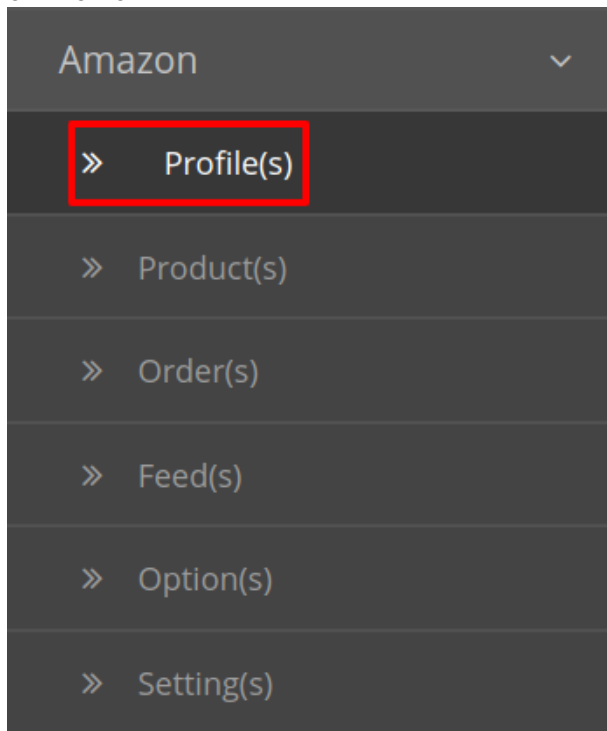
Home / Amazon / Amazon Integration By Cedcommerce



3.2. Edit the Existing Profile

To edit the profile you've created,



- Go to your OpenCart admin panel.
- On the left navigation bar, place the cursor on **Amazon Integration** and when the menu appears, click on **Profile**.






- On clicking the **Profile**, you will be navigated to the page as shown below:

Cedamazon Profile Home / Cedamazon Profile + 🗑️


☰ Profile List

<input type="checkbox"/>	Profile ID	Title ▾	Status	Action
<input type="checkbox"/>	1	test	Enabled	
<input type="checkbox"/>	2	test	Enabled	

- Here all the profiles are mentioned.
- Click the **Edit Button** associated with the desired profile you wish to edit.

<input type="checkbox"/>	Profile ID	Title ▾	Status	Action
<input type="checkbox"/>	1	test	Enabled	 
<input type="checkbox"/>	2	test	Enabled	

- The edit profile page appears as shown:

 Edit Profile

General Amazon Category & Attributes

Title:

Status: ▾

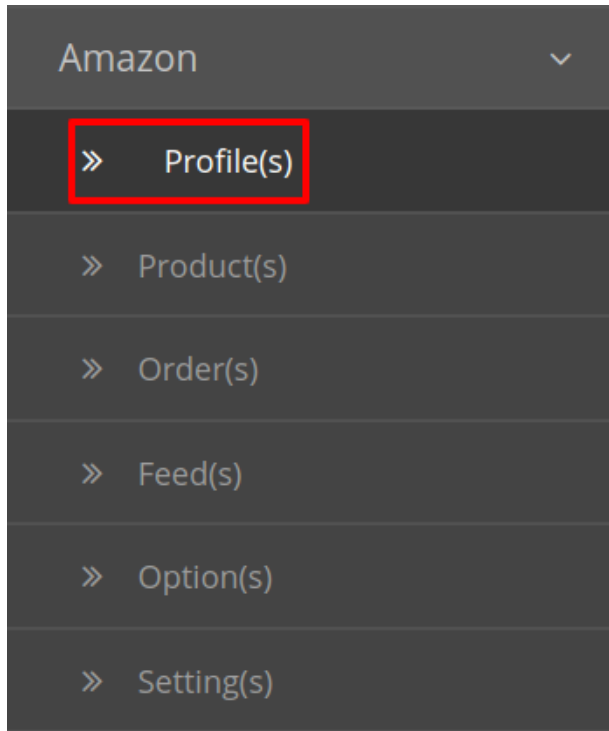
Manufacturer:

- Do the required changes and save the profile.

3.3. Delete a Profile

To Delete a Profile:

- Go to your OpenCart admin panel.
- On the left navigation bar, place the cursor on **Amazon Integration** and when the menu appears, click on **Profile**.



- On clicking the **Profile**, you will be navigated to the page as shown below:

Cedamazon Profile Home / Cedamazon Profile + 🗑️

☰ Profile List

<input type="checkbox"/>	Profile ID	Title ▾	Status	Action
<input type="checkbox"/>	1	test	Enabled	✎
<input type="checkbox"/>	2	test	Enabled	✎

- Here all the profiles are mentioned.
- Choose the Profile(s) you wish to delete and click on the delete button on the top.

Cedamazon Profile Home / Cedamazon Profile + 🗑️

- The selected profile will be deleted.

4. Amazon Product Management

From the Product section of the Admin Panel, an admin can take multiple actions for its products such as:

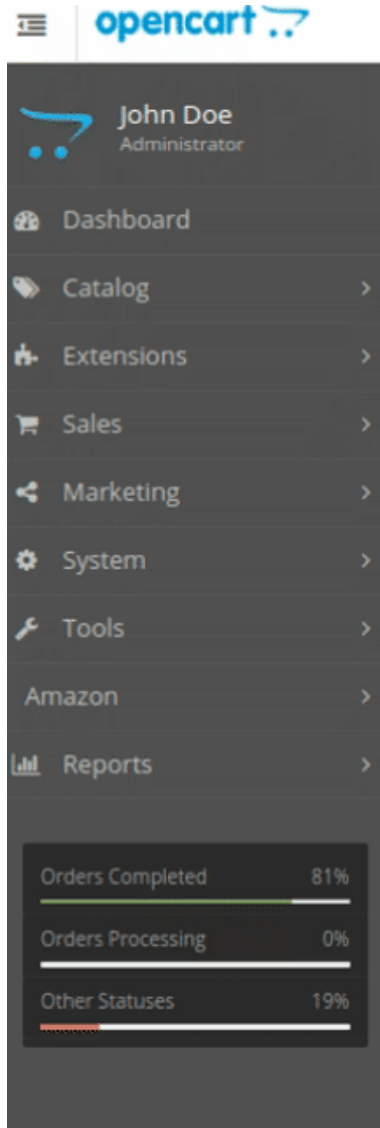
- Upload All Product

- Update Stock
- Update Price
- Update Image
- Update Relation
- Edit Product Details

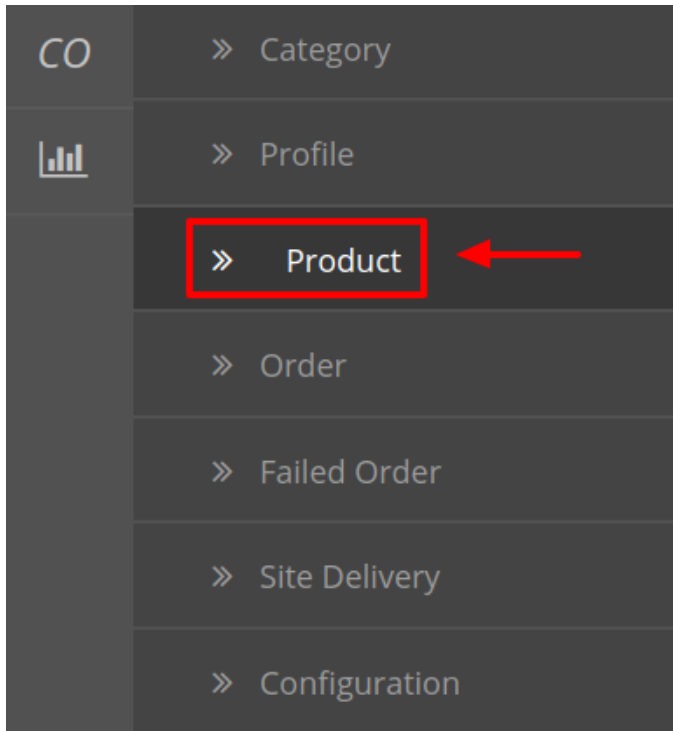
Upload All Products on Amazon:

To upload all your products to Amazon,

- Go to OpenCart admin panel.
- Place cursor on Amazon in the left navigation bar.



- When the menu appears, click on Products.



- On clicking Product, you will be navigated to the page as shown below:

Amazon Products [Home / Amazon Products](#) Upload ALL Upload Update Stock Update Price Image Update Relation

☰ Product List

Product Name: Price: Status:

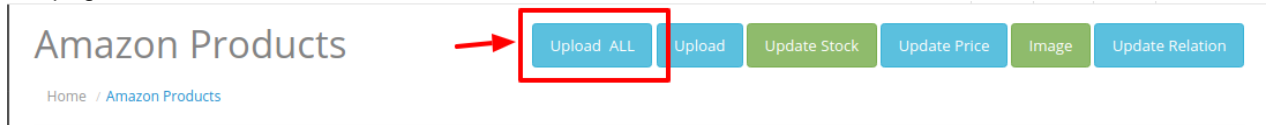
Model: Quantity: Profile Name:

Amazon Status: Filter

<input type="checkbox"/>	Image	Product Name	Model	Price	Quantity	Profile Name	Status	Amazon Status	Action
<input type="checkbox"/>		Next Goal Football	NGfoot	29.1200	1	Test	Enabled	Not Uploaded	
<input type="checkbox"/>		Jabulani FIFA 2010	Goal	3.2900	1	Test	Enabled	Not Uploaded	
<input type="checkbox"/>		Brazuka Fifa 2014	Goal	3.2900	1	Test	Enabled	Not Uploaded	

Showing 1 to 4 of 4 (1 Pages)

- Now click on the **Upload All** button which is the first button amongst the buttons on the top right side of the page.



- On clicking this button, the product upload to Amazon is successful and the confirmation message appears.

To Upload Selected Products:

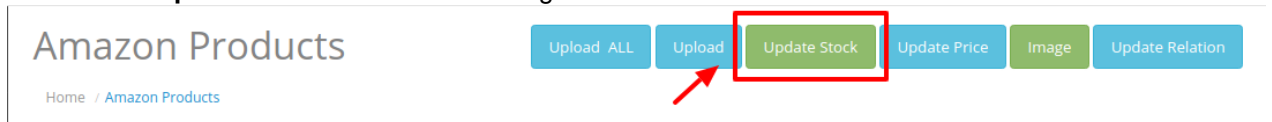
- Select the desired products you wish to upload by clicking on the checkboxes associated with the products.
- Click on the **Upload Button** as shown in the figure below:



- The selected products will get uploaded to Amazon.

To Update the Stock for selected Products:

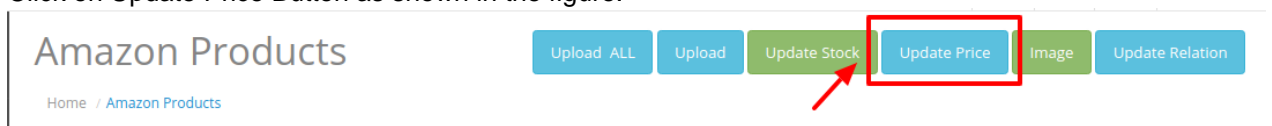
- Choose the desired products for which you wish to update the Stock.
- Click on the **Update Stock** as shown in the figure below:



- The stock for the selected product will get updated.

To Update the Price for the selected products:

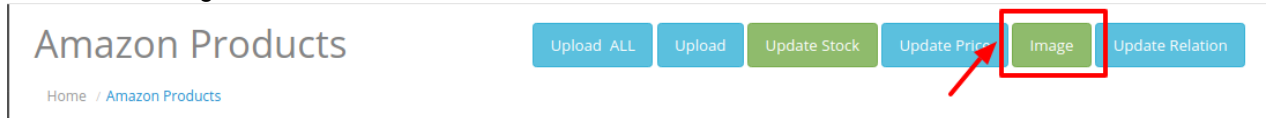
- Select the products for those you wish to update the price.
- Click on Update Price Button as shown in the figure:



- The price of the selected product will be updated.

To Update the Image of the Products:

- Select the products whose images you need to Update on Amazon.
- Click on the Image button as shown:

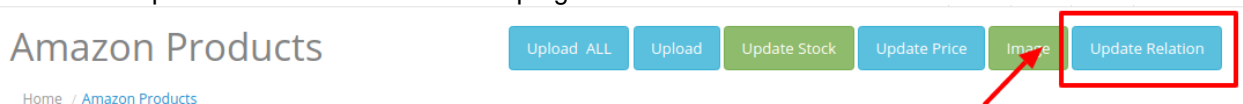


- The images of the product on your Amazon page will get replaced with the images of the products on your Opencart store.

To Update Relation:

Note: In Amazon Integration for Opencart at first your products are created and then the relations are sent. The relation clearly explains the parent and child categories.



- Select the products for which you wish to update the relation.
- Click on the Update Relation button on the top right-hand side as shown:



- The relation of the selected product gets updated on Amazon.

To edit the Products:

- Go to the product page.
- Click on the edit button associated with the product you wish to Delete:

<input type="checkbox"/>	Image	Product Name ▾	Model	Price	Quantity	Profile Name	Status	Amazon Status	Action
<input type="checkbox"/>		Brazuka size 5 Fifa 2014	GoalSoccer	29.1200	1	Test	Enabled	Not Uploaded	

- The Edit Product page opens up where you can make the desired changes:

Amazon Products [Home](#) / [Amazon Products](#)  

 Edit Product



General

SKU 
Example : StringNotNull

Barcode Type 

Barcode 
Example : Barcode

- Add all the information and click on the save button.

Amazon Products [Home](#) / [Amazon Products](#)  

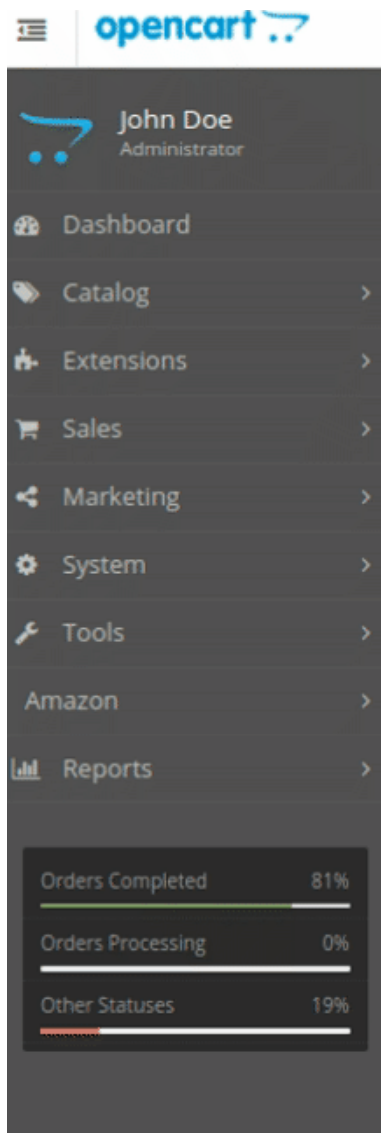
- The edits on your products will get saved.

5. Amazon Orders

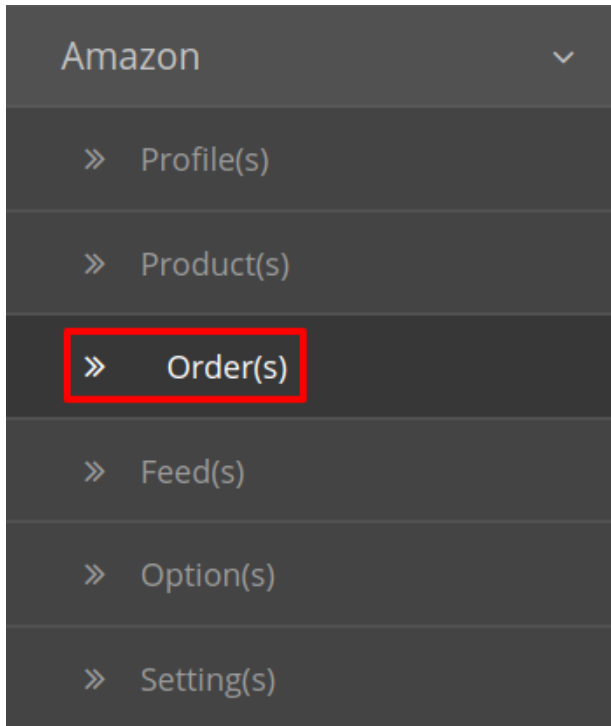
Once a seller has started selling on Amazon using the Amazon OpenCart Integration Extension, the orders that have been placed for the seller's products can be managed from the admin panel itself.

To go to the Amazon Order page,

- Place cursor on **Amazon** in the left navigation bar on your OpenCart admin panel.



- When the menu appears, click on **Orders**.



- On clicking, you will be navigated to the orders page as shown below:

Amazon Order(s) [Home](#) / [Ced Fruugo](#) / [Amazon Order\(s\)](#) [Fetch Amazon Order](#)

Order List

Order ID: Status: Date Added:

Customer: Total: Fruugo Status:

[Filter](#)

<input type="checkbox"/>	Order ID ^	Customer	Status	Total	Fruugo Order ID	Fruugo Status	Date Added	Action
<input type="checkbox"/>	1	Jukka Koivusalo	Complete	\$11.10	993557001004048	Created	25/06/2018	

- On the top right of the page, click **Fetch Amazon Orders** to fetch all the orders from Amazon. They will be listed as shown in the above image.

To view the order, click on the View button as highlighted in the image below:

<input type="checkbox"/>	Order ID ^	Customer	Status	Total	Amazon Order ID	Amazon Status	Date Added	Action
<input type="checkbox"/>	1	Jukka Koivusalo	Complete	\$11.10	993557001004048	Created	25/06/2018	

- On clicking it, you will be navigated to the page as shown below:

Amazon Order(s) [Home](#) / [Amazon Order\(s\)](#)

[Accept Order](#)
[Download](#)
[Refresh](#)

Order Details		Shipping Info	
Customer ID :	XXXXXXXXXX	Shipping Firstname :	John
Order ID :	XXXXXXXXXX	Shipping Lastname :	Smith
Order Date :	2018-06-25 06:05:46	Shipping Address :	1234 Main St
Amazon Status :	Created	Shipping City :	New York
Language Code :	en	Shipping Postal Code :	10001
Shipping Method :	Economy	Shipping ISO Code :	US
Shipping Cost Incl VAT :	0	Shipping Telephone No. :	+12125551234
Shipping Cost VAT :	0		

To Ship the products,

- Scrolling down the bottom of the same page, you may see the **Ship Whole Order** Section as:

Ship Whole Order

* Order ID :	<input type="text" value="XXXXXXXXXX"/>
Tracking ID :	<input type="text" value=""/>

[Dispatch Order](#)

- The **Order Id** section Automatically gets filled.
- In the **Tracking ID**, enter the code from the drop-down list provided.
- Click on **Dispatch Order**.
- The order will be shipped.

To Refund the products,

- Scrolling down the bottom of the same page, you may see the **Refund Order** Section as:

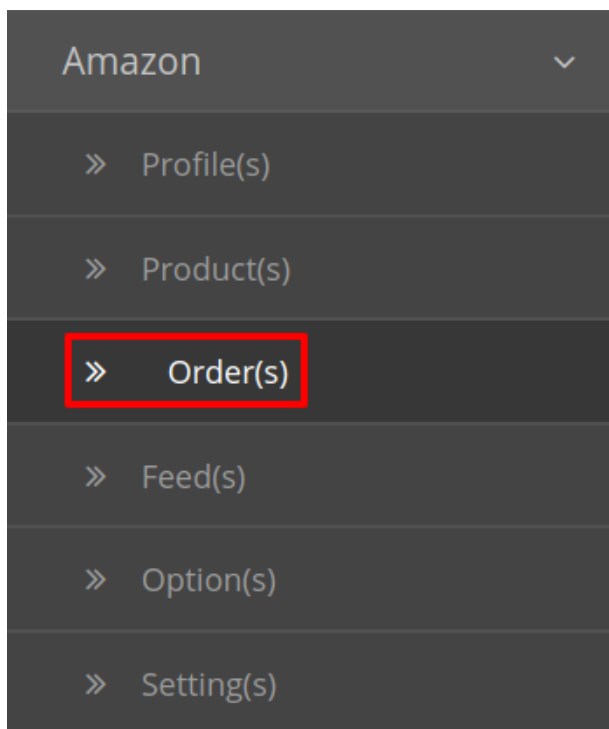
Refund Order	
* Order ID :	<input type="text" value=""/>
Refund Reason :	<input type="text" value="Customer return"/>
Items :	GAME Floating Underwater Light Starship Novelty Pool & Hot Tub Light 2x Insta-Test 3 Plus, Swimming Pool and Hot Tub Test Strips (50 Strips) Pool Style Swimming Pool and Hot Tub Deep Leaf Rake/Net
Seller Note :	<input type="text" value=""/>
Customer Note :	<input type="text" value=""/>
<input type="button" value="Refund Order"/>	

- The **order Id** gets automatically filled.
- Enter the **Refund Reason** in the next section.
- The item to be refunded is filled in **Items**.
- Enter the note if you wish in **Seller Note**.
- Similarly, the customer's note goes in the **Customer Note** section.
- After filling all the above click on **Refund Order**.

5.1. Amazon Failed Orders

To see and manage Amazon Imported Failed,

- Go to your OpenCart dashboard.
- Place cursor on **Amazon Integration** and then on **Order(s)**.



- The section expands, and click on **Failed Order(s)**. The page you will be navigated to would look like:

Fail Order(s) [Home / Fail Order\(s\)](#) Cancel

☰ Fail Order List

Amazon Order ID ^	SKU	Reason	Action
902-3159896-1390920789	Product	MERCHANT SKU DOES NOT EXIST	View Order
902-3159896-1390920789	24-M-512	MERCHANT SKU DOES NOT EXIST	View Order

- You may see all the failed Amazon orders on this page.
- You may see on the page, the failed **Amazon orders' ID, SKU, Reason, and Action**.
- You may also cancel the order(s) by selecting the order(s) and clicking on **Cancel** button on the top right side of the page as shown below:

Fail Order(s) [Home / Fail Order\(s\)](#) Cancel →

☰ Fail Order List

Amazon Order ID ^	SKU	Reason	Action
902-3159896-1390920789	Product	MERCHANT SKU DOES NOT EXIST	View Order

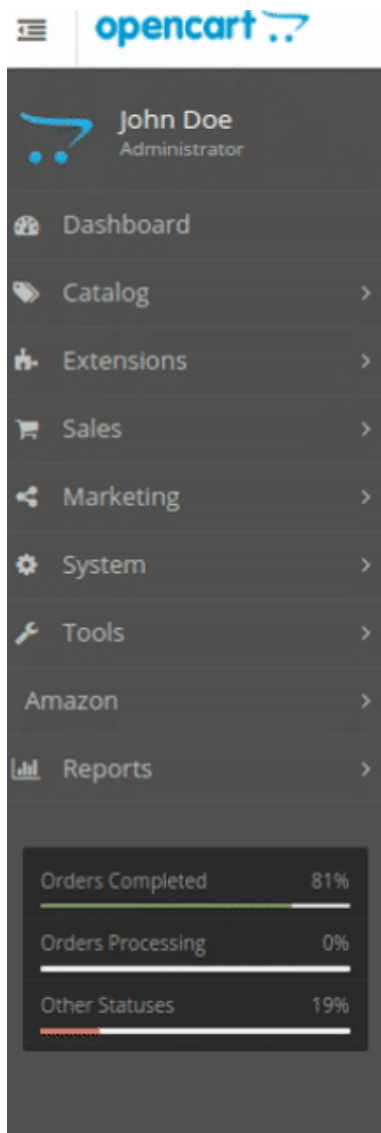
- Your selected order will be canceled.

6. Amazon Feeds

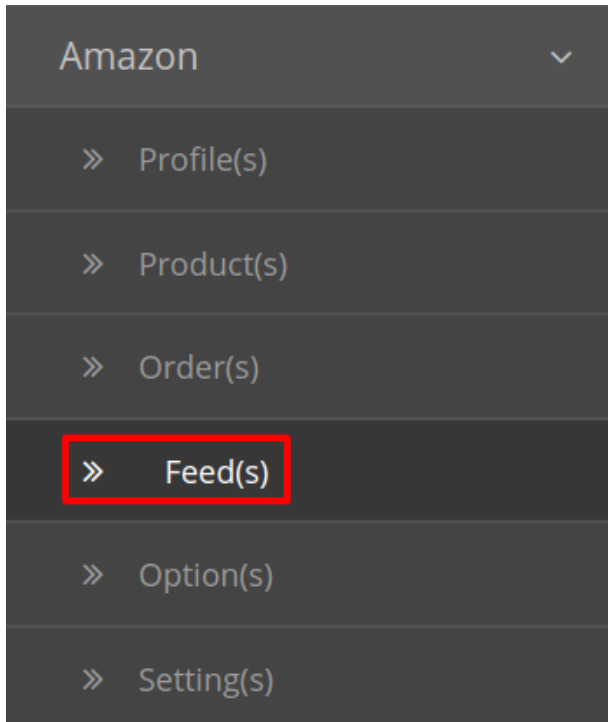
After uploading the product on Amazon or after updating the product inventory or the product price, the user can check the status of the feed and sync the selected feeds or all the feeds from the **Amazon Feed** page.

To view product feeds status

- Go to the **OpenCart Admin** panel.
- On the top navigation bar, move the cursor over the **Amazon Integration** tab.

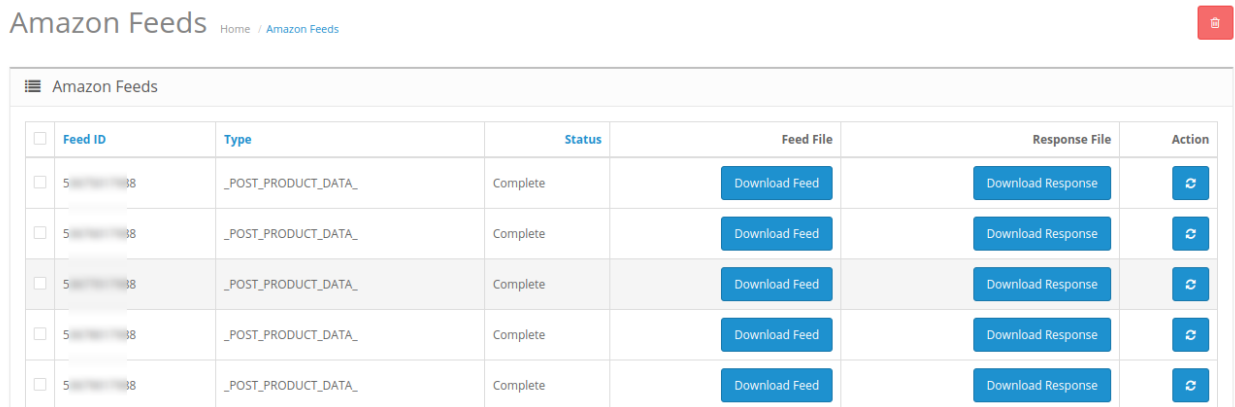


3. The menu appears as shown in the following figure:



4. Click **Feed(s)**.

The **Amazon Feed** page appears as shown in the following figure:



5. Do the following tasks if required:

- To download the Feed Click on the **Downlaod Feed** Button.
- To download the response for a specific feed, Click on the **Download Response** Button.

6. To update the feed status, in the **Action** column, click the **Update** button that appears.

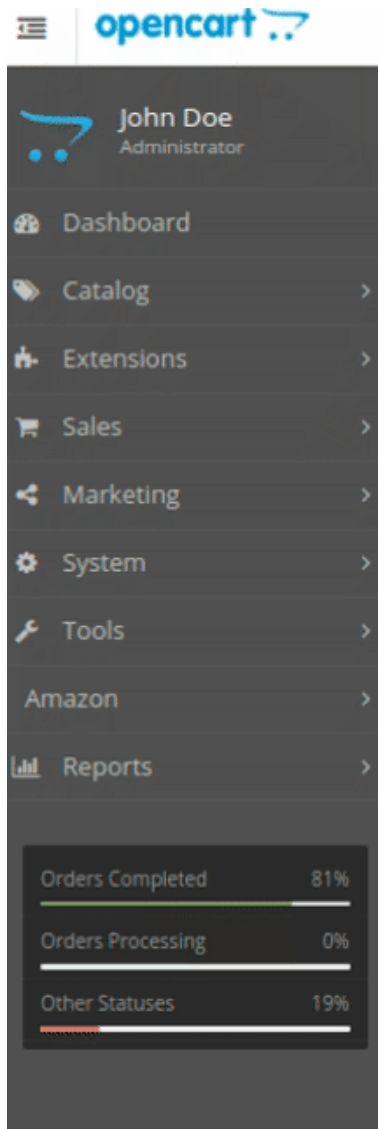
7. The Feed gets updated and the success message appears:



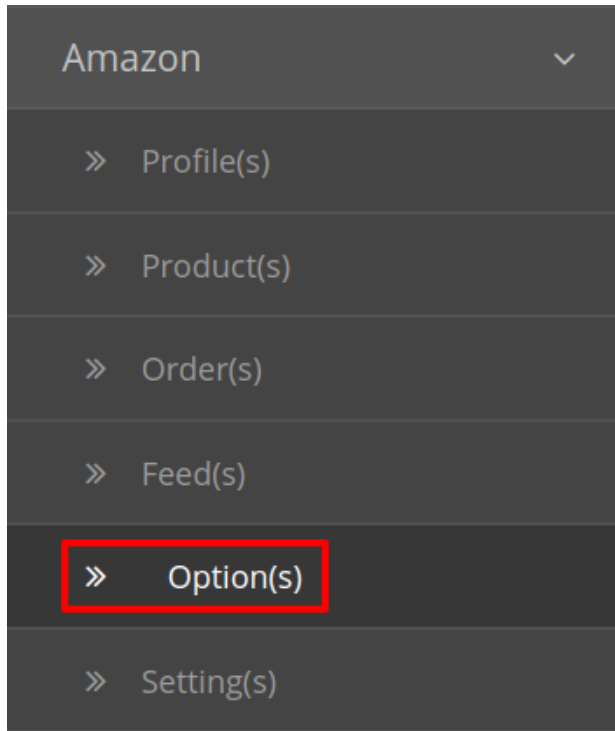
7. Option Mapping

To Perform Offer Mapping

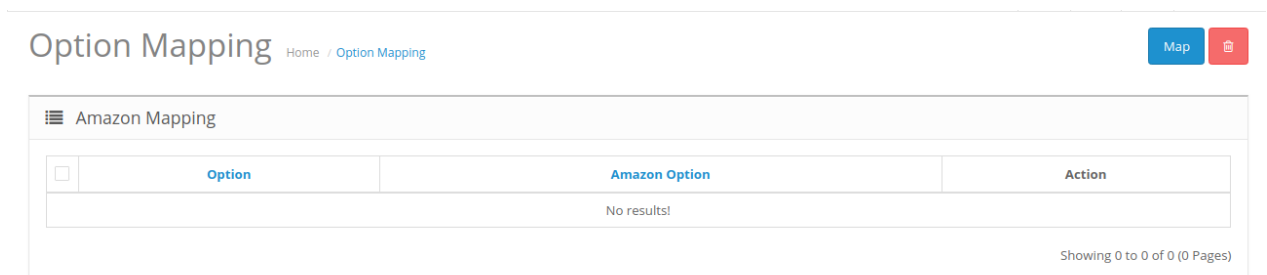
- Go to the **Opencart Admin** panel.
- In the left navigation panel, place cursor on **Amazon Integration** menu.



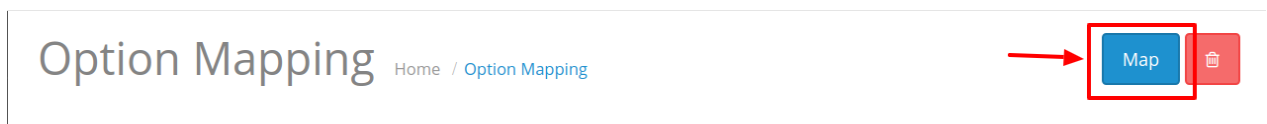
- The menu appears as shown in the following figure:



- Click **Option**.
- The **Amazon Option Mapping** page appears as shown in the following figure:



- To add a new Mapping Click on the **Map** button on the top right-hand side:



- You will be redirected to a new page:

Option Mapping [Home / optionview](#)

Amazon Mapping

Option		Amazon Option	
-- Please Select Store Option --		ColorMap	
Option	Amazon Option	entry_action	
		+	

[Map Selected Options](#)

- Here all the Opencart categories are mentioned on the left-hand side and the Amazon categories are mentioned on the right.
- Map the Opencart category with the most appropriate category on Amazon.
- Then click on Add to map the Opencart value for that desired category with the Amazon values.
For example, if you wish to map the values of various Colors between the Opencart and Amazon categories. Then select the color in option and in the values map the desired color (say Pink) for your Opencart with the purple of the Amazon value. The image below will make it all clear:

Amazon Mapping

Option		Amazon Option	
color		ColorMap	
Option	Amazon Option	entry_action	
white	white	-	
black	black	-	
		+	

[Map Selected Options](#)

- Once you select the desired category then click on **Map selected options** and the option mapping is saved.