

Reverb Integration For opencart

by CedCommerce Products Documentation

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1. Overview

Reverb.com is an online marketplace for new, used, and vintage music gear. The website was founded in 2013 by David Kalt shortly after he purchased music instrument store Chicago Music Exchange and then evolved into a business for buying and selling guitars online. It has grown into a multimillion-dollar business with more than 10 million monthly visitors and \$47 million in funding. Reverb allows anyone to create free listings for musical instruments and other related equipment and has roughly half a million listings of music-related gear.

The **Reverb Integration For Opencart** by CedCommerce is a handy tool that helps Opencart store owners to boost their business and generate the revenue as it interacts with Reverb's API to connect the Opencart store to Reverb. It provides an opportunity to cover a wide range of customers.

This extension interacts with the Reverb Marketplace to integrate the synchronized product listing between Opencart Store and the Reverb.com retailers.

Key Features are as follows:

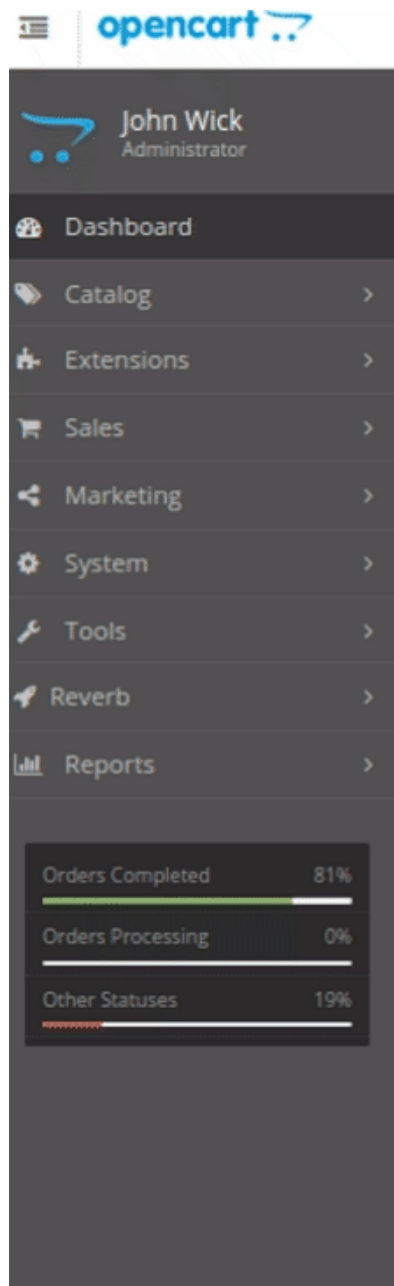
- **Product Category Mapping:** Follows many-to-one category mapping philosophy. Enables the admin to map many categories of the OpenCart store to the single category of Reverb.
- **Simple and Configurable Product Upload:** Admin can upload the Simple and Configurable types of OpenCart products on Reverb.com. The configurable product in OpenCart is treated as a variation product on Reverb.com.
- **Creation of Orders:** Newly placed orders on Reverb.com are automatically created in the OpenCart store as well with all the required details as on Reverb.com.
- **Synchronized Inventory:** Auto synchronization of the inventory at regular intervals and product listings along with all the details is established between OpenCart and Reverb.com.
- **Rejected Products Notifications:** If any product containing some invalid details is rejected by Reverb.com, then its information is fetched along with the error due to which it is rejected.

2. Reverb Configuration Settings

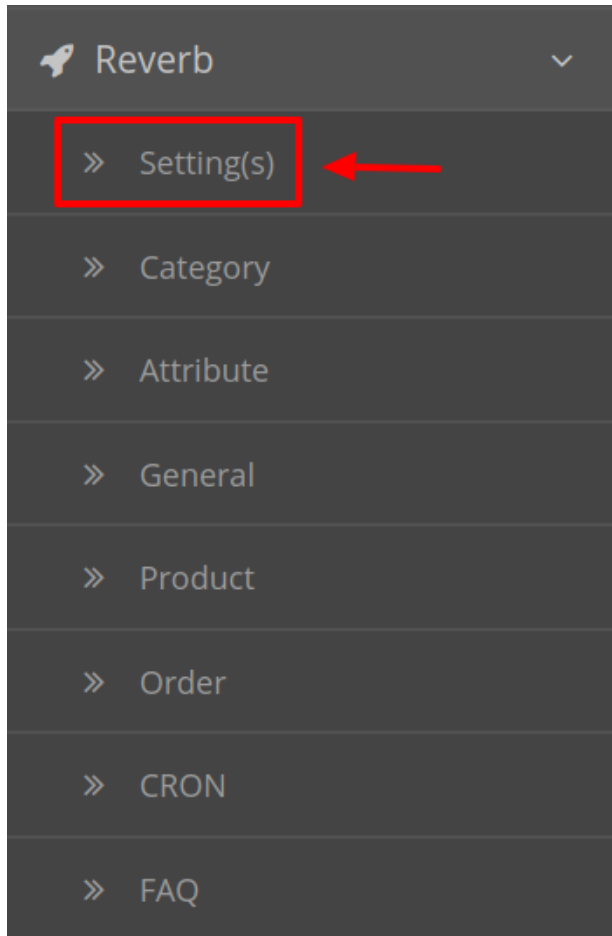
Once the module has been installed, the first necessary step needs to be taken by the admin is to complete the Configuration.

To perform the Configuration Settings,

- Go to your OpenCart admin panel.
- Place the cursor on **Reverb Symbol** which is on the left navigation bar, as shown in the figure below:



- From this menu, click on **Settings**.



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

Reverb By CEDCommerce

[Home](#) / [Modules](#) / [Reverb By CEDCommerce](#)


Reverb By CEDCommerce

[API Settings](#)
[Category Mapping](#)
[Attribute Mapping](#)
[General Settings](#)
[Product](#)
[Order Details](#)
[Cron](#)
[Support](#)

Status

Sandbox Mode

Access Token
[Get SandBox Access Token Here](#)

Debug Logging

Entity	Status
Configuration	✓
Category	✓
Conditions	✓
Shipping Templates	✓
Currency	✓
Country	✓
Shipping Providers	✓

- In **Status**, select **Enabled** to enable the module. Without Enabling the module, all the changes made will not reflect on the Reverb marketplace.
- Select No from the **Sandbox Environment**. By choosing Yes, the testing mode will get enabled and that will have no impact on your Reverb seller panel.
- In the **Access Token** you need to fill the Reverb Access Token which you can get by clicking on the Get Access Token Button just below the box. On clicking, you will be redirected to the Reverb Seller panel where the token is mentioned. You can easily copy from there and paste here.
- In **Debug Logging** select Yes or No as per requirement. By choosing No all the logging of API calls, errors, and events are stopped.
- After filling all the desired values click on the Save Button.
- As you click save all the Entity with their desired status will appear as shown:

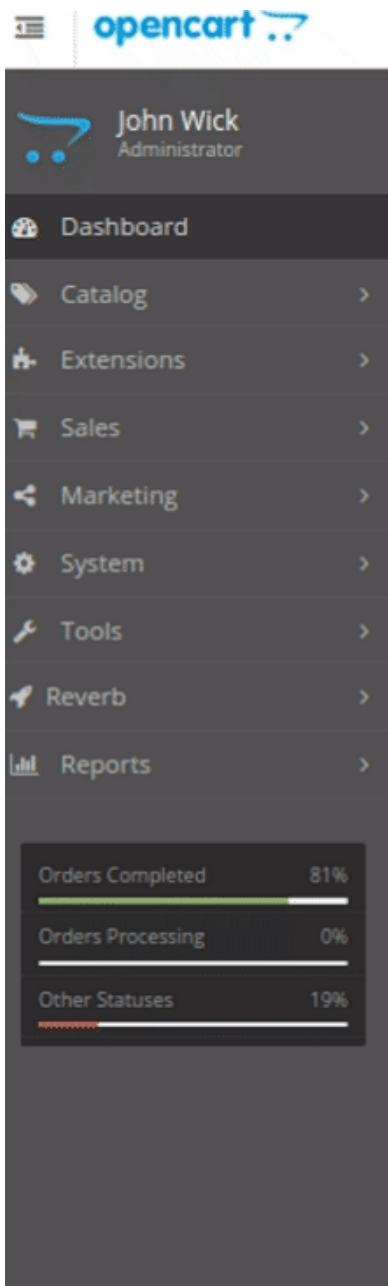


Entity	Status
Configuration	✓
Category	✓
Conditions	✓
Shipping Templates	✓
Currency	✓
Country	✓
Shipping Providers	✓

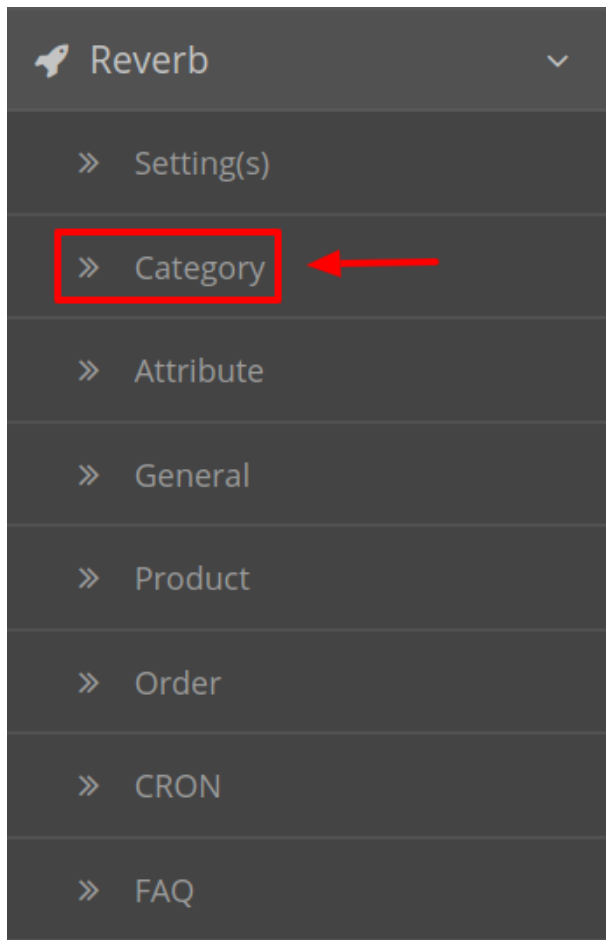
3. Category Mapping

To perform Category Mapping

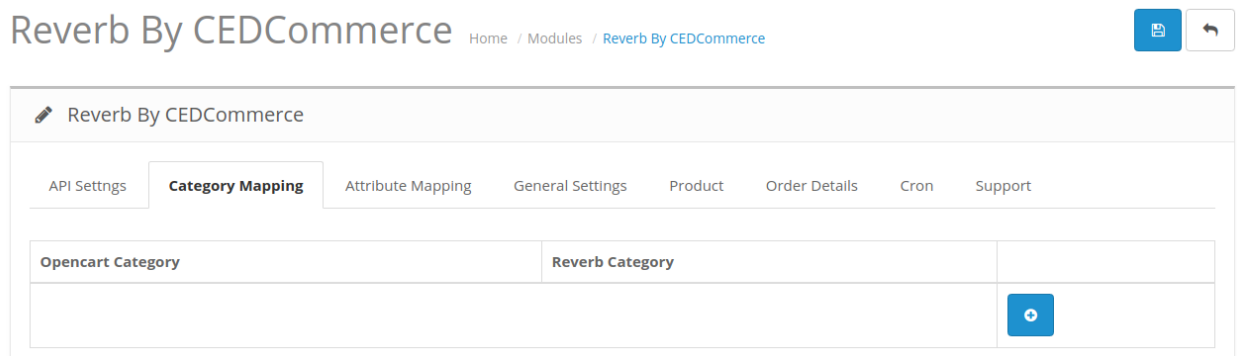
- Go to your OpenCart admin panel.
- Place the cursor on **Reverb Symbol** which is on the left navigation bar, as shown in the figure below:



- From this menu, click on **Category**.



- On clicking Settings, you will be navigated to the **Reverb Category Mapping** page as shown below:



- In the category mapping section, you can map **multiple** Opencart Categories with **single** Reverb Category.
- To add a new category mapping, Click on the + button and the section expands as shown below:

Opencart Category	Reverb Category	
<input type="text" value="Opencart Category"/>	<input type="text" value="Reverb Category"/>	<input type="button" value="✖"/>

- You can insert any number of Opencart category on the **left-hand** side and similarly, the Reverb Category goes on the **right-hand** side.
- You are allowed to map any number of categories you wish
- To save the Category Mapping click on the save button:

Reverb By CEDCommerce [Home](#) / [Modules](#) / [Reverb By CEDCommerce](#)



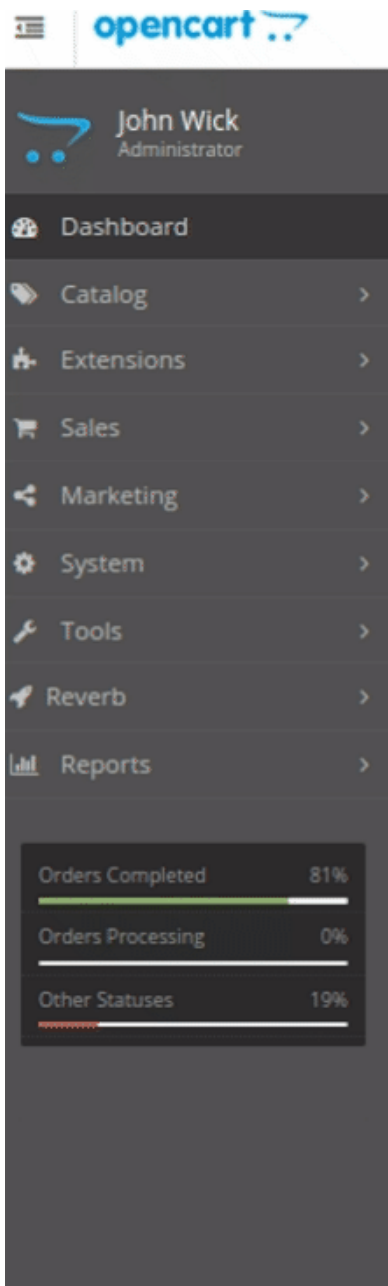
- The Category gets saved and a success message appears:

! Success: You have modified Reverb module!

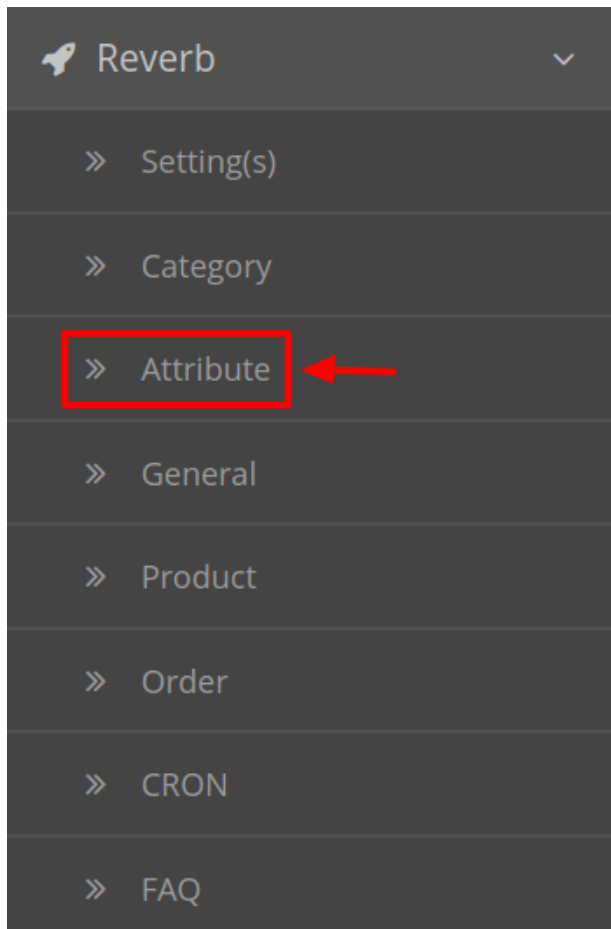
4. Attribute Mapping

To Perform Attribute Mapping

- Go to your OpenCart admin panel.
- Place the cursor on **Reverb Symbol** which is on the left navigation bar, as shown in the figure below:



- From this menu, click on **Attribute**.



- On clicking Settings, you will be navigated to the **Reverb Attribute Mapping** page as shown below:

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API Settings Category Mapping **Attribute Mapping** General Settings Product Order Details Cron Support

Reverb Attribute	Default Value	Mapping
Make ?	<input type="text"/>	Name
Model ?	<input type="text"/>	Name
Publish ?	False	
Sold_As_Is ?	True	
Storage_Location ?	Storage_Location	
Description ?	<input type="text"/>	Description
Finish ?	<input type="text"/>	Model

- Here you can map the desired Reverb Attribute with your Opencart store attributes.
- Sellers can also add the **default value** for the same attribute.



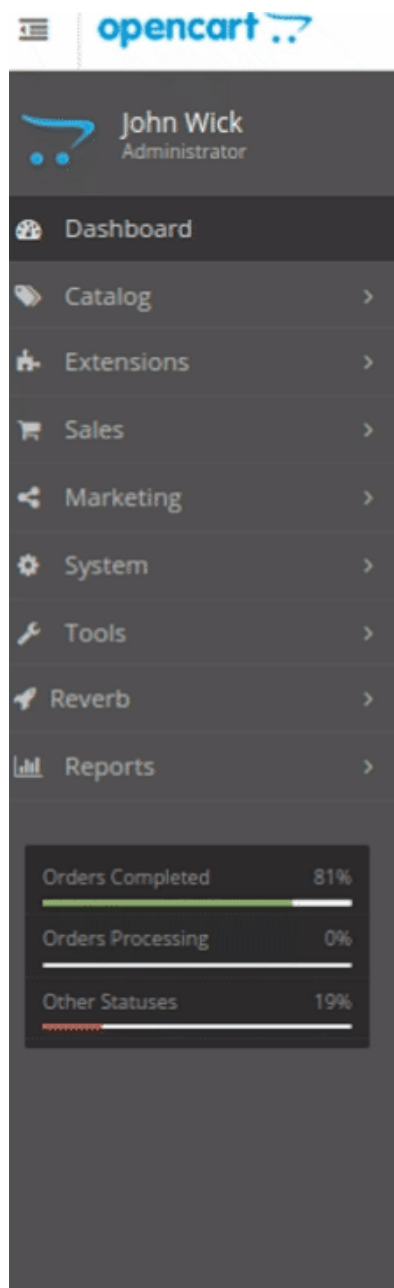
- Click on the **Save Button** to save the desired attribute mapping.
- A success message appears:

 **Success: You have modified Reverb module!**

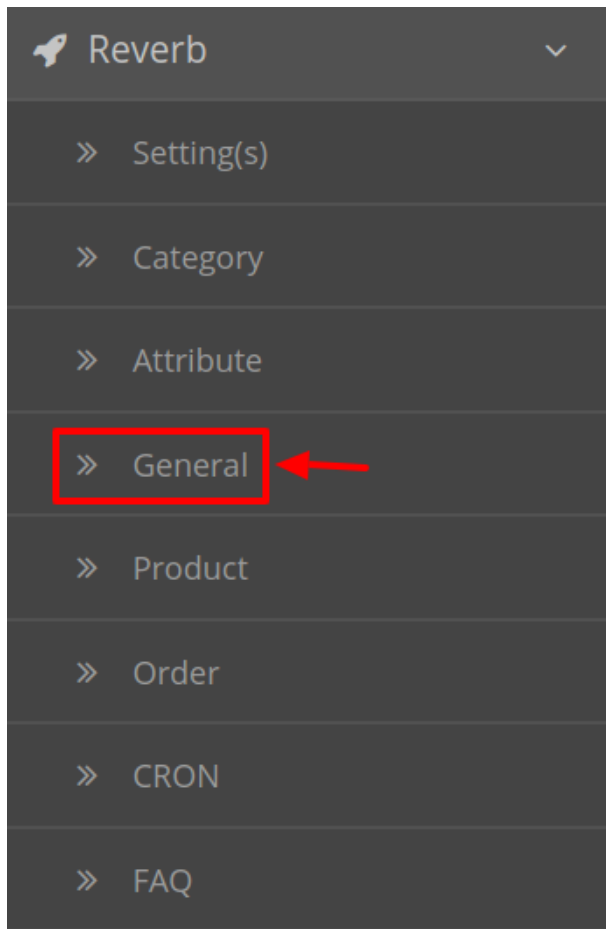
5. General Settings

To perform the General Settings,

- Go to your OpenCart admin panel.
- Place the cursor on **Reverb Symbol** which is on the left navigation bar, as shown in the figure below:



- From this menu, click on **General**.



- On clicking Settings, you will be navigated to the **Reverb General Setting** page as shown below:

Reverb By CEDCommerce

API Settings Category Mapping Attribute Mapping **General Settings** Product Order Details Cron Support

Reverb Currency ⓘ USD ▼

Shipping Profile ⓘ Use Custom Shipping ▼

Shipping Regions	Shipping Cost	
Egypt ▼	565	⊖
Italy ▼	56121	⊖
		⊕



Item Condition On Reverb ⓘ Brand New ▼

Store ⓘ (Default) ▼

Store Language ⓘ English ▼

Store Currency ⓘ Chinese Yuan ▼

- In the **Reverb Currency**, select the desired currency for your Store on Reverb.
- In the **Shipping Profile**, Choose the preferred shipping option from the drop-down menu.
- Sellers can select different shipping cost for different countries as shown below:

Shipping Regions	Shipping Cost	
Egypt	565	
Italy	56121	

- Move down to the **Item Condition On Reverb**. Here sellers need to enter the current condition of the item. Choose from the drop-down list as:

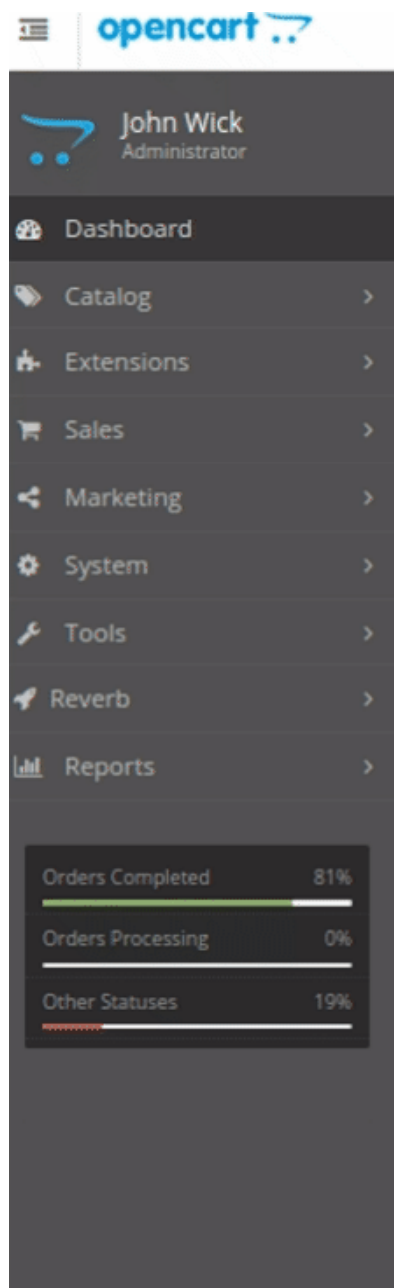
Brand New
B-Stock
Mint
Excellent
Very Good
Good
Fair
Poor
Non Functioning

- Select the **Default Store** from the next option.
- Choose the **Default Store Language**.
- Select the desired currency for your Opencart Store from the **Store Currency** option.

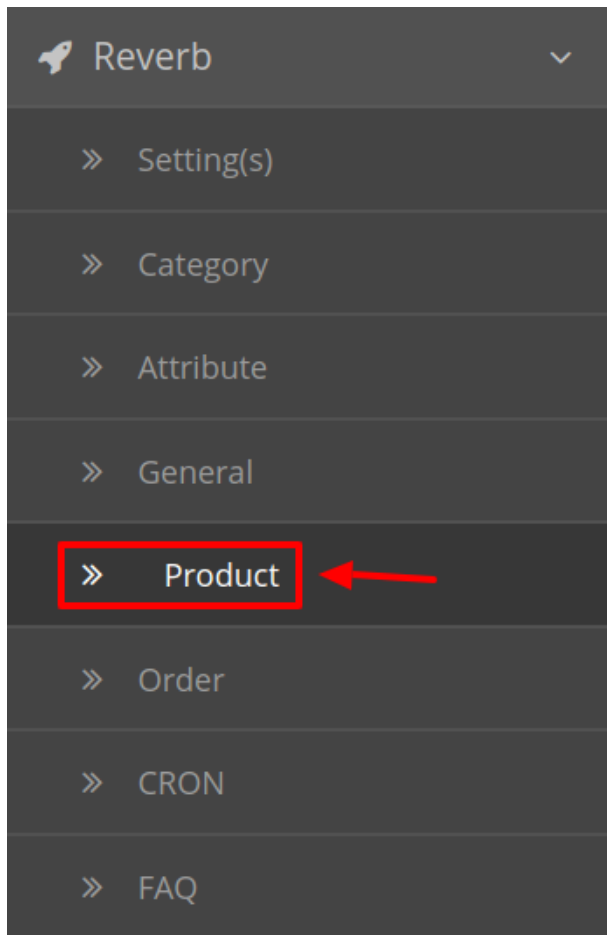
6. Reverb Product Setting

To perform the Reverb Product Settings,

- Go to your OpenCart admin panel.
- Place the cursor on **Reverb Symbol** which is on the left navigation bar, as shown in the figure below:



- From this menu, click on **Product**.



- On clicking Settings, you will be navigated to the **Reverb Product Settings** Page as shown:

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[Home](#) / [Reverb By CEDCommerce](#)

Reverb By CEDCommerce

API Settings
Category Mapping
Attribute Mapping
General Settings
Product
Order Details
Cron
Support

Product Name

Price

Status

Model

Quantity

Please use Cron for upload in bulk, in order to avoid server load.

<input type="checkbox"/>	Image	Product Name	Model	Price	Quantity	Status	Reverb Listing ID	Action
<input type="checkbox"/>		19 years spring new high waist Korean version of the elastic stitching denim Harlan nine points pants old pants pants issued hair 19023	abb-584494908256	132.0000	13598	Disabled	178040	
<input type="checkbox"/>		2017 new fake two denim shorts skirt women's summer fat mm Korean version of the tide anti-light super short pants hot pants	abb-1153485993	25.0000	56002	Enabled	178018	
<input type="checkbox"/>		2017 summer new Korean women's jeans women's trousers straight pants students hole denim shorts women	abb-554821250921	28.0000	59470	Enabled	178030	
<input type="checkbox"/>		2018 autumn high waist new jeans, waist thin and abdomen women's jeans	abb-556502612684	45.0000	31479	Enabled	0	<input type="button" value="Upload"/> <input type="button" value="Refresh"/>
<input type="checkbox"/>		2018 autumn new Korean version of the slim slimming feet pencil pants elastic high waist buckle women's jeans trousers	abb-536975879263	53.0000	135416	Enabled	0	<input type="button" value="Upload"/> <input type="button" value="Refresh"/>

- All the products are listed here.

To Upload A Single Products:

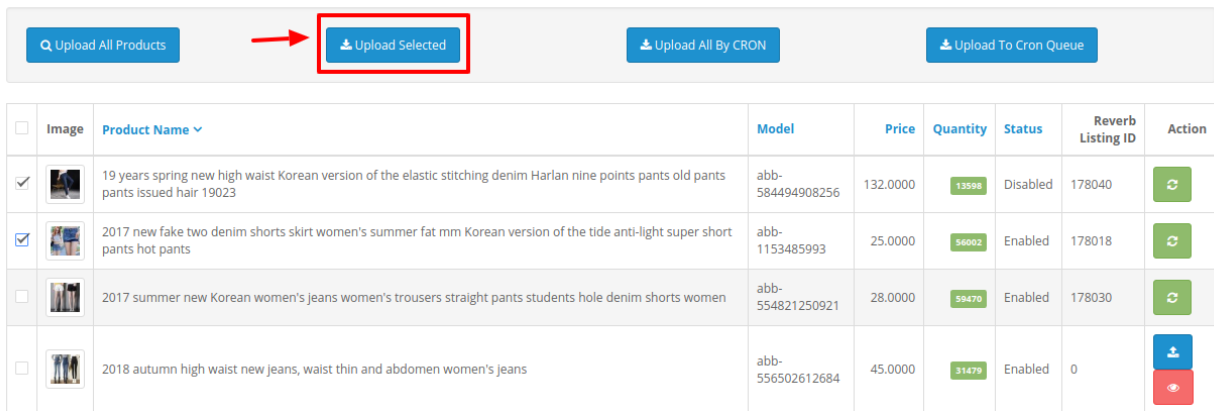
- To Upload a single product Click on the upload button associated with the product as shown:

<input type="checkbox"/>		2017 new fake two denim shorts skirt women's summer fat mm Korean version of the tide anti-light super short pants hot pants	abb-1153485993	25.0000	56002	Enabled	178018	
<input type="checkbox"/>		2017 summer new Korean women's jeans women's trousers straight pants students hole denim shorts women	abb-554821250921	28.0000	59470	Enabled	178030	
<input type="checkbox"/>		2018 autumn high waist new jeans, waist thin and abdomen women's jeans	abb-556502612684	45.0000	31479	Enabled	0	<input type="button" value="Upload"/> <input type="button" value="Refresh"/>
<input type="checkbox"/>		2018 autumn new Korean version of the slim slimming feet pencil pants elastic high waist buckle women's jeans trousers	abb-536975879263	53.0000	135416	Enabled	0	<input type="button" value="Upload"/> <input type="button" value="Refresh"/>

- By doing so the selected product gets Uploaded to the Reverb Store.

To Upload Selected Products:

- To upload multiple products first select all the products you wish to upload on Reverb.
- After doing so Click on the **Upload Selected** Button on the top as shown in the figure:



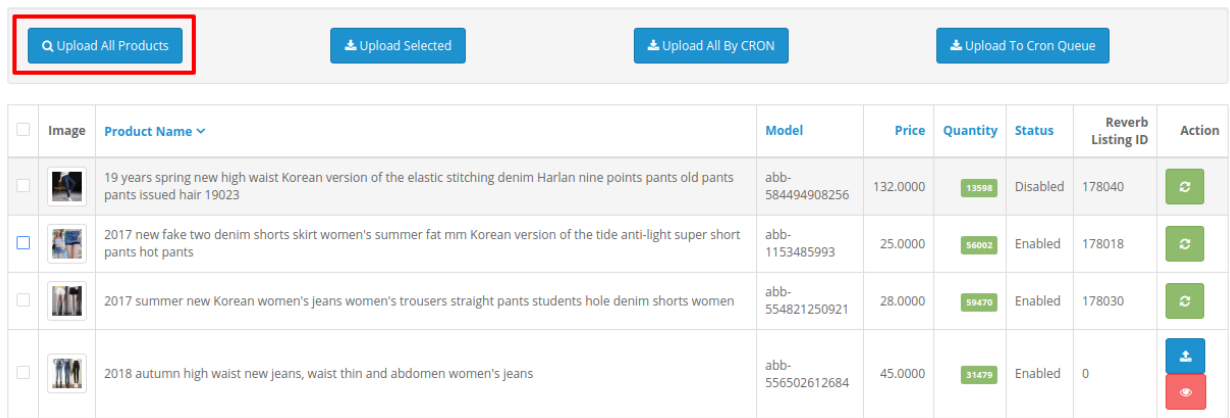
The screenshot shows the top navigation bar with four buttons: 'Upload All Products', 'Upload Selected' (highlighted with a red box and an arrow), 'Upload All By CRON', and 'Upload To Cron Queue'. Below the buttons is a table with columns: Image, Product Name, Model, Price, Quantity, Status, Reverb Listing ID, and Action. The table contains four rows of product data. The first row is selected, and the 'Upload Selected' button is highlighted.

	Image	Product Name	Model	Price	Quantity	Status	Reverb Listing ID	Action
<input checked="" type="checkbox"/>		19 years spring new high waist Korean version of the elastic stitching denim Harlan nine points pants old pants pants issued hair 19023	abb-584494908256	132.0000	13598	Disabled	178040	
<input checked="" type="checkbox"/>		2017 new fake two denim shorts skirt women's summer fat mm Korean version of the tide anti-light super short pants hot pants	abb-1153485993	25.0000	56002	Enabled	178018	
<input type="checkbox"/>		2017 summer new Korean women's jeans women's trousers straight pants students hole denim shorts women	abb-554821250921	28.0000	59470	Enabled	178030	
<input type="checkbox"/>		2018 autumn high waist new jeans, waist thin and abdomen women's jeans	abb-556502612684	45.0000	31479	Enabled	0	

- The selected products will get uploaded on Reverb.

To Upload All The Products:

- If you wish to upload all the products from your Opencart store to the Reverb marketplace, Click on the **Upload All Products** Button on the top as shown:



The screenshot shows the top navigation bar with four buttons: 'Upload All Products' (highlighted with a red box), 'Upload Selected', 'Upload All By CRON', and 'Upload To Cron Queue'. Below the buttons is a table with columns: Image, Product Name, Model, Price, Quantity, Status, Reverb Listing ID, and Action. The table contains four rows of product data. The 'Upload All Products' button is highlighted.










	Image	Product Name	Model	Price	Quantity	Status	Reverb Listing ID	Action
<input type="checkbox"/>		19 years spring new high waist Korean version of the elastic stitching denim Harlan nine points pants old pants pants issued hair 19023	abb-584494908256	132.0000	13598	Disabled	178040	
<input type="checkbox"/>		2017 new fake two denim shorts skirt women's summer fat mm Korean version of the tide anti-light super short pants hot pants	abb-1153485993	25.0000	56002	Enabled	178018	
<input type="checkbox"/>		2017 summer new Korean women's jeans women's trousers straight pants students hole denim shorts women	abb-554821250921	28.0000	59470	Enabled	178030	
<input type="checkbox"/>		2018 autumn high waist new jeans, waist thin and abdomen women's jeans	abb-556502612684	45.0000	31479	Enabled	0	

- All the products from this panel will get uploaded to the Reverb Marketplace.

To Upload Products by Cron













- The best way to upload products on Reverb is through cron.
- To upload products by cron, Click on **Upload To Cron Queue** button on the top as shown:

🔍 Upload All Products
📁 Upload Selected
🕒 Upload All By CRON
📁 Upload To Cron Queue

<input type="checkbox"/>	Image	Product Name ▾	Model	Price	Quantity	Status	Reverb Listing ID	Action
<input type="checkbox"/>		19 years spring new high waist Korean version of the elastic stitching denim Harlan nine points pants old pants pants issued hair 19023	abb-584494908256	132.0000	13598	Disabled	178040	
<input type="checkbox"/>		2017 new fake two denim shorts skirt women's summer fat mm Korean version of the tide anti-light super short pants hot pants	abb-1153485993	25.0000	56002	Enabled	178018	
<input type="checkbox"/>		2017 summer new Korean women's jeans women's trousers straight pants students hole denim shorts women	abb-554821250921	28.0000	59470	Enabled	178030	
<input type="checkbox"/>		2018 autumn high waist new jeans, waist thin and abdomen women's jeans	abb-556502612684	45.0000	31479	Enabled	0	 

- By doing so all the products will go in the queue. Once in a while when the cron runs and it will upload all the products in a single go.
- You can also upload all the products instantaneously through Cron by clicking **Upload All by Cron** button on the top as shown:

🔍 Upload All Products
📁 Upload Selected
🕒 Upload All By CRON
📁 Upload To Cron Queue

<input type="checkbox"/>	Image	Product Name ▾	Model	Price	Quantity	Status	Reverb Listing ID	Action
<input type="checkbox"/>		19 years spring new high waist Korean version of the elastic stitching denim Harlan nine points pants old pants pants issued hair 19023	abb-584494908256	132.0000	13598	Disabled	178040	
<input type="checkbox"/>		2017 new fake two denim shorts skirt women's summer fat mm Korean version of the tide anti-light super short pants hot pants	abb-1153485993	25.0000	56002	Enabled	178018	
<input type="checkbox"/>		2017 summer new Korean women's jeans women's trousers straight pants students hole denim shorts women	abb-554821250921	28.0000	59470	Enabled	178030	
<input type="checkbox"/>		2018 autumn high waist new jeans, waist thin and abdomen women's jeans	abb-556502612684	45.0000	31479	Enabled	0	 
<input type="checkbox"/>		2018 autumn new Korean version of the slim slimming feet pencil pants elastic high waist buckle women's jeans trousers	abb-536975879263	53.0000	135416	Enabled	0	 

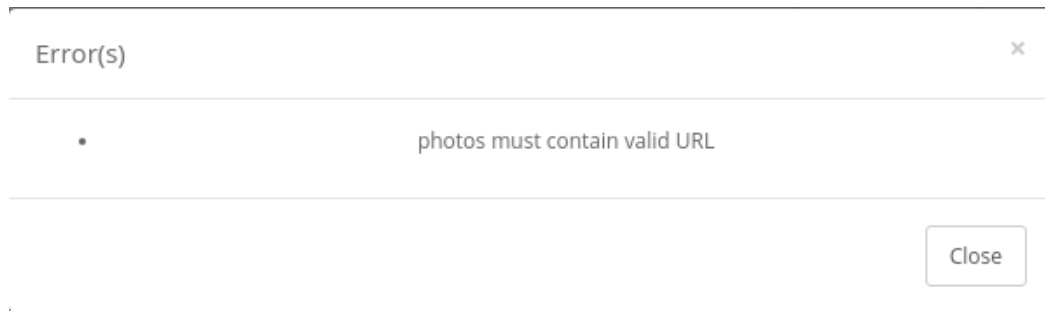
- By doing so the cron starts to run instantaneously and the products will get uploaded to Reverb.

To View the Error in Products

- To view the error in the products (if occurred) sellers can check it on their Opencart panel only.
- Go to the products where you see the error symbol and click on the button associated with it as shown in the figure:

<input type="checkbox"/>		2018 autumn high waist new jeans, waist thin and abdomen women's jeans	abb-556502612684	45.0000	31479	Enabled	0	 
--------------------------	---	--	------------------	---------	-------	---------	---	---

- By doing so the error message is displayed and you can get to know what is causing that error.

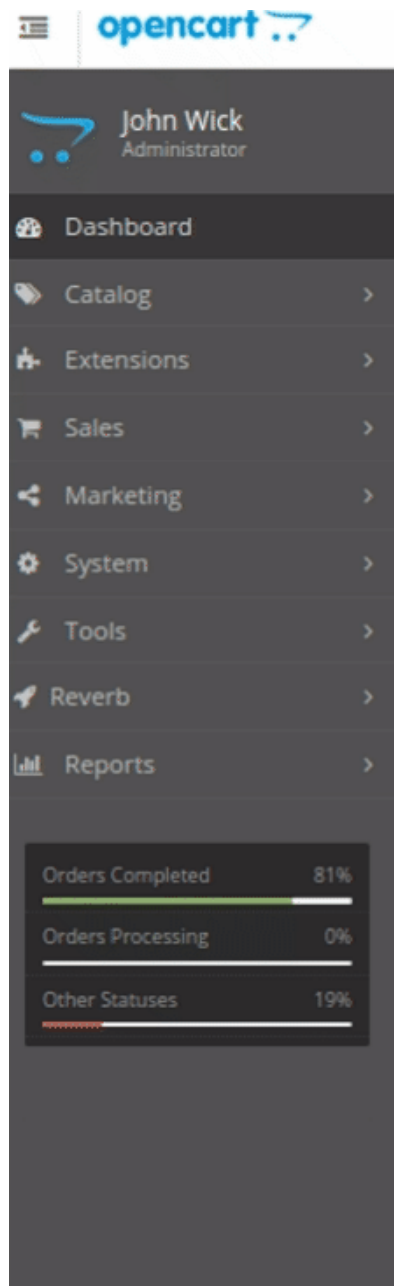


7. Reverb Order Settings

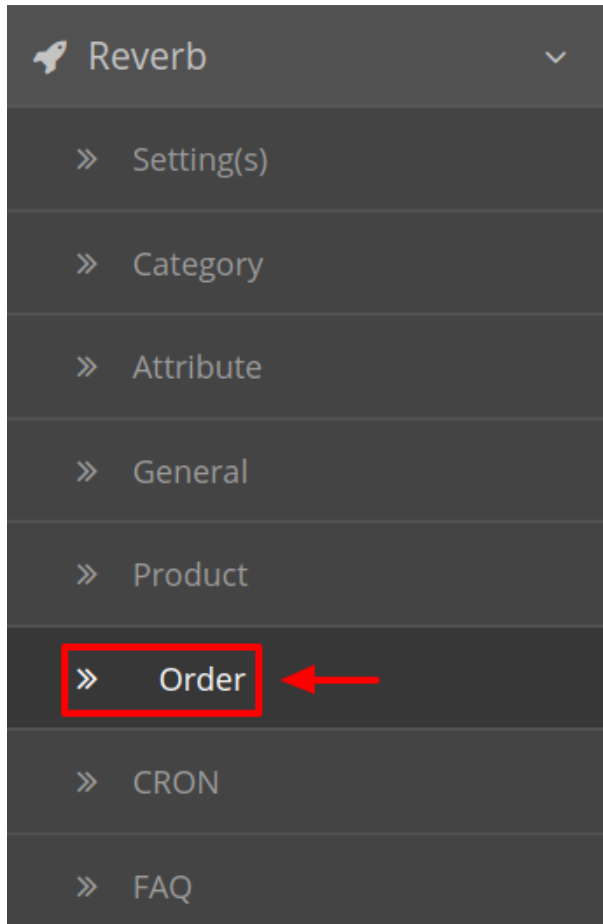
Once a seller has started selling on Reverb using the Reverb OpenCart Integration Extension, the orders that have been placed for the seller's products can be managed from the admin panel itself.

To go to the Reverb's Order page,

- Place cursor on **Reverb** 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:

Orders



Orders

API Settings
Category Mapping
Attribute Mapping
General Settings
Product
Order Details
Cron
Support

Order ID

Order ID

Order Status

Date Added

Date Added

Opencart Order ID

Opencart Order ID

Total

Total

Ordered SKU

Ordered SKU

Customer

Customer

Filter

Fetch Order

Fetch Order Status

- On the top right of the page, click **Fetch Orders** to fetch all the orders from Reverb. 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:

	Opencart Orer ID	Order ID	Customer	Status	Total	Date Added	SKU	Action
<input type="checkbox"/>	48	4763	nitesh yadav	shipped	\$ 305.00	21/08/2017	d4XG5h3HGDEBEw	
<input type="checkbox"/>	49	4654	Annabell McDermott	unpaid	\$ 30.00	01/08/2017	xj_lleqEwrrSA	
<input type="checkbox"/>	50	4653	Therese Pacocha	unpaid	\$ 30.00	01/08/2017	Q5eRaPplww3TzA	

- On clicking it, you will be navigated to the page with all the details regarding orders as shown below:

Orders

[Home](#) / [Orders](#)


Orders

Order Details
Payment Details
Shipping Details
Products
Reverb Shipping
History

Order ID:	#49
Invoice No.:	Generate
Store Name:	Your Store
Store Url:	https://
Customer:	Annabell McDermott
Customer Group:	Default
E-Mail:	@example.com
Telephone:	12 5
Total:	\$30.00
Order Status:	Pending
IP Address:	
Forwarded IP:	
User Agent:	
Accept Language:	en-US,en;q=0.5
Date Added:	29/03/2019
Date Modified:	29/03/2019

- Make the desired changes and click on Save.

To Ship the products,

- Click on Reverb Shipping under the above section and the section opens up as shown:

Orders

Order Details
Payment Details
Shipping Details
Products
Reverb Shipping
History

Reverb Shipment

Reverb Order ID	4763
Shipping Provide	Other
Send Notification	<input checked="" type="checkbox"/>
Tracking Number	12312312

Ship on Reverb

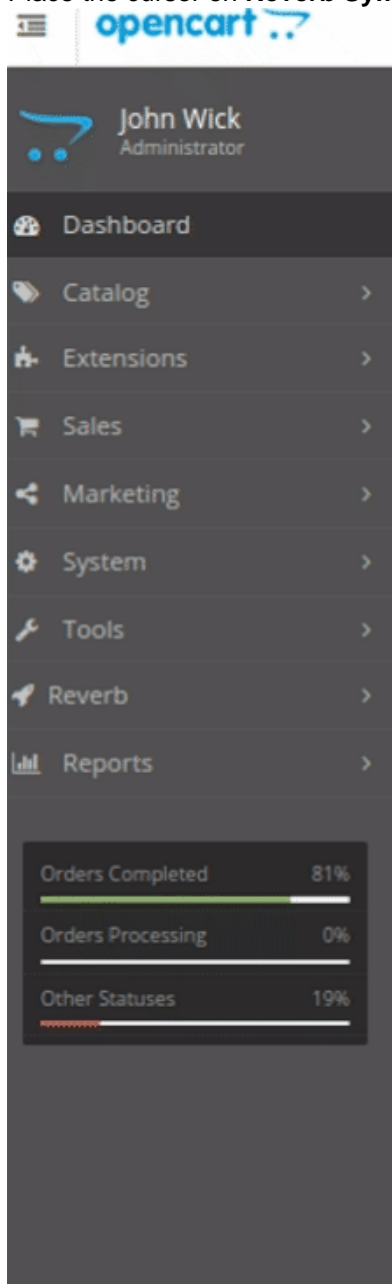
- The **Reverb Order Id** section Automatically gets filled.
- Select the desired shipping under the section **Shipping Provide**.

- Tick the **Send Notification** option, if required.
- In the **Tracking Number**, enter the tracking number for your Order.
- Click on **Ship on Reverb**.
- The order will be shipped.

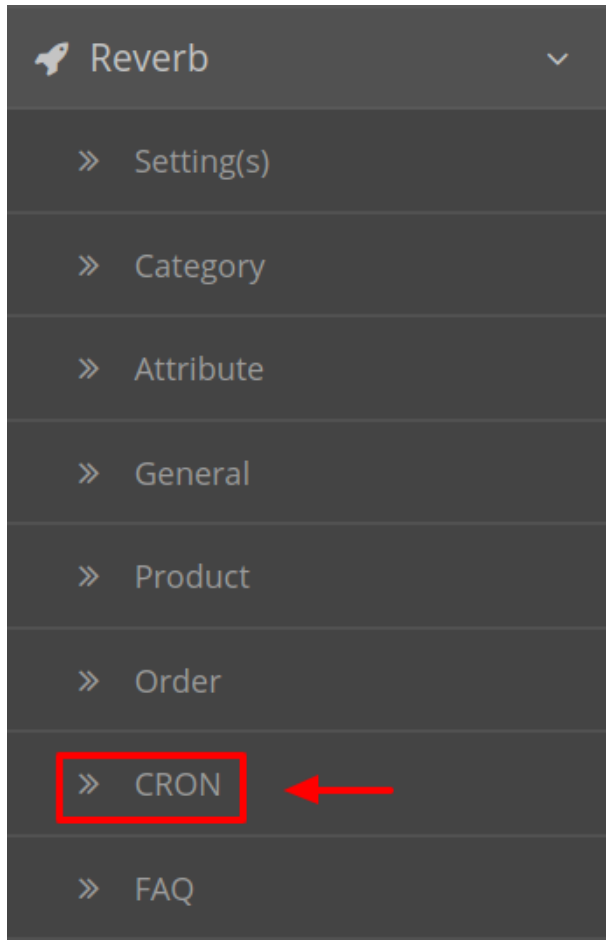
8. Reverb Cron Settings

To perform the Cron Settings,

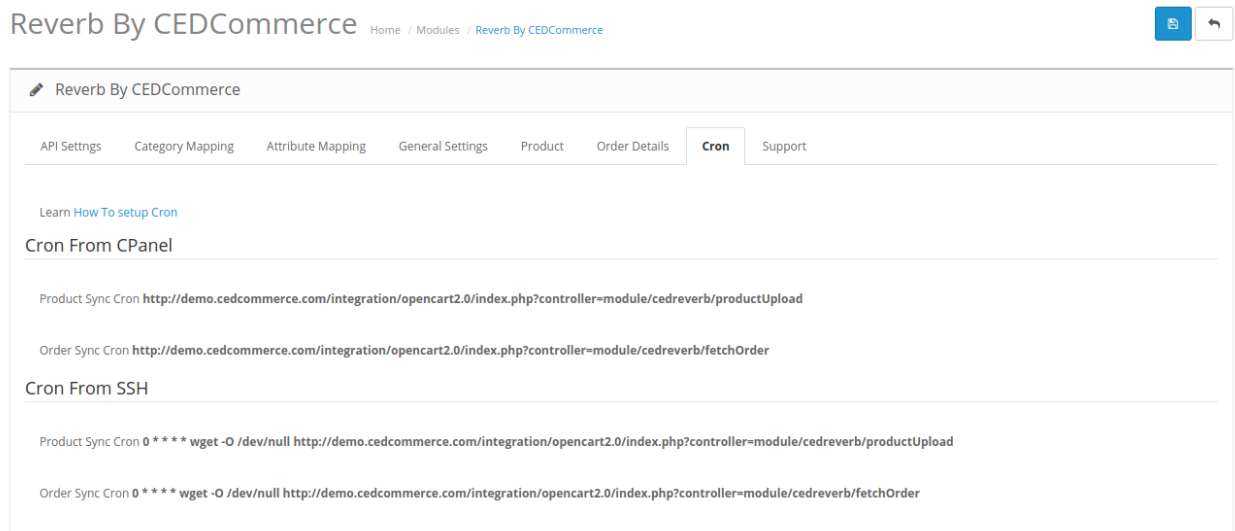
- Go to your OpenCart admin panel.
- Place the cursor on **Reverb Symbol** which is on the left navigation bar, as shown in the figure below:



- From this menu, click on **CRON**.



- On clicking Settings, you will be navigated to the **Reverb Cron Setting** page as shown below:



- Here all the Crons running are listed.
- Here you can manage the crons in two ways:
 - a. Crons from Cpanel
 - b. Crons from SSH
- To save Click on the Save Button on the top right corner.

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[Home](#) / [Modules](#) / [Reverb By CEDCommerce](#)



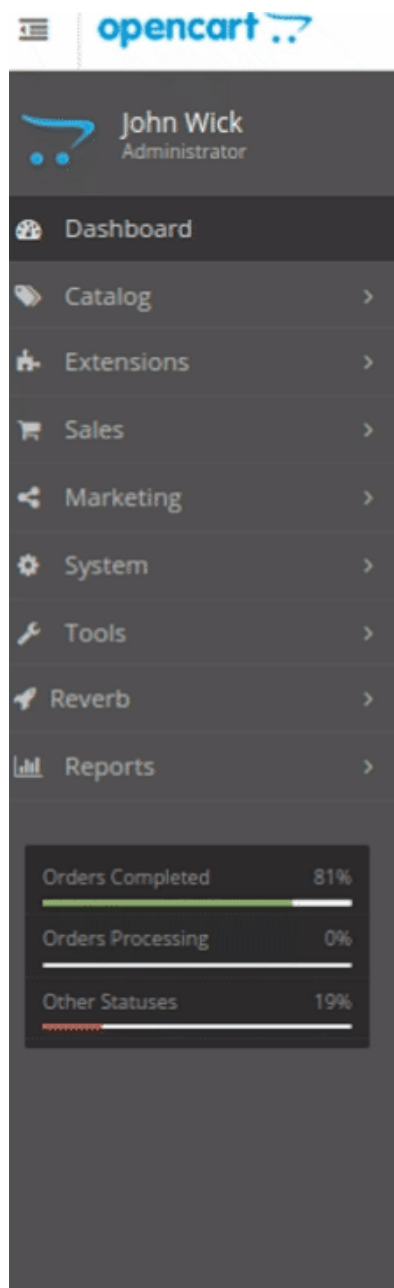
- A success message appears as shown:

📢 Success: You have modified Reverb module!

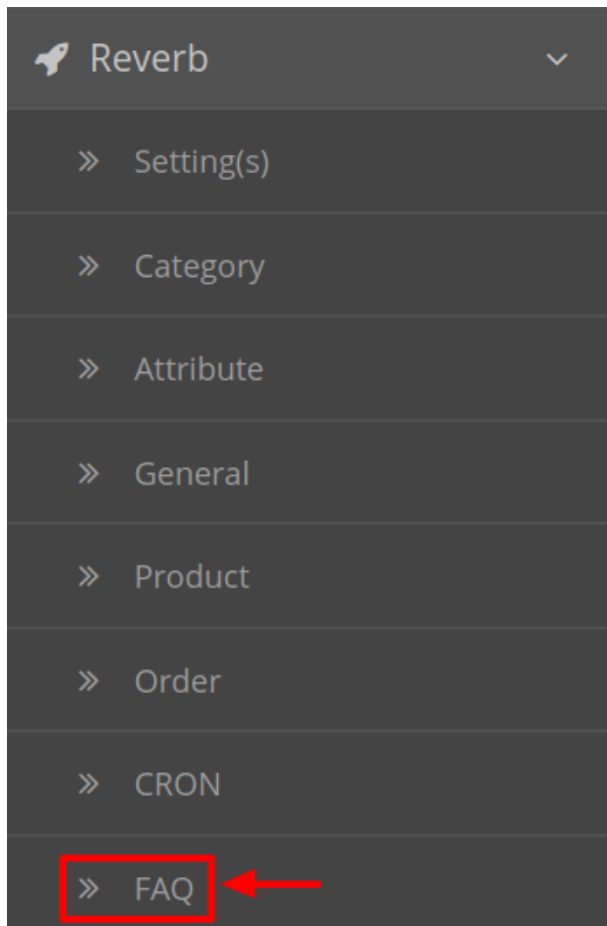
9. Help And Support

To go to Help & Support,

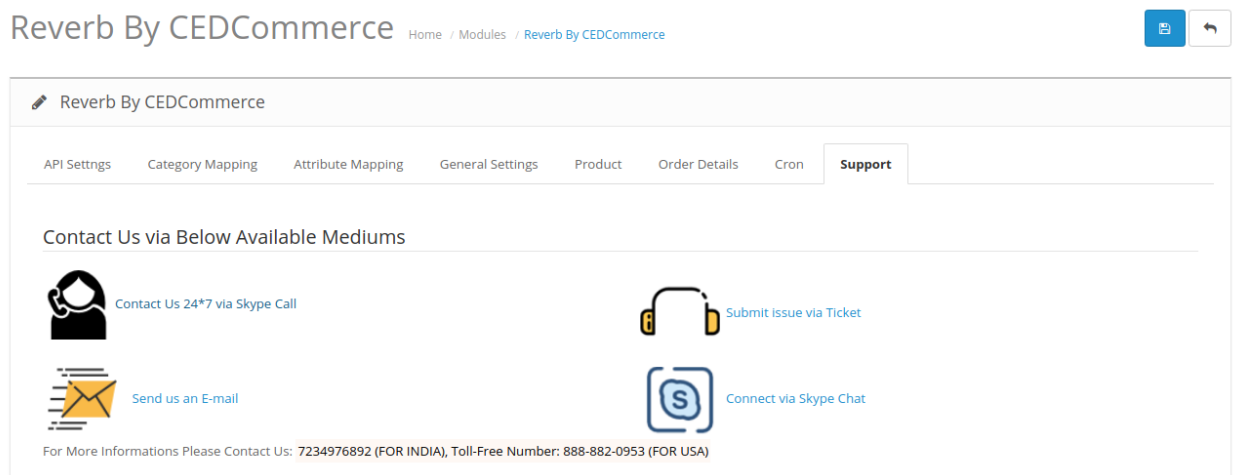
- Go to your OpenCart admin panel.
- Place the cursor on **Reverb Symbol** which is on the left navigation bar, as shown in the figure below:



- From this menu, click on **FAQ**.



- On clicking Settings, you will be navigated to the **Reverb Help and Support** page as shown below:



- You can contact us via any of the above medium.