MercadoLibre Integration for Magento 2 Guide

by CedCommerce Products Documentation

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1. Overview

The **MercadoLibre Integration for Magento 2 Integration** extension interacts with the MercadoLibre marketplace to integrate the synchronized product listing between Magento® 2 store and MercadoLibre retailers. After the installation, the merchant can create MercadoLibre categories and the dependent attributes on the Magento® 2 store.
It enables admin to perform product related task such as product upload and product view using bulk management system.
With the help of this extension, the store owners can create a profile in which they can assign the products and then can upload to MercadoLibre.com. It enables the Magento store owner to manage the MercadoLibre orders on the Magento stores without making any significant changes in the operational functionalities.
You can boost up your business at MercadoLibre by integrating your store as it interacts with the MercadoLibre APIs to connect your Magento store to the MercadoLibre marketplace and thus, you have the opportunity to cover a wide range of customers.

Key features are as follows:

- **Cron**: Cron jobs automate the process to fetch the MercadoLibre orders from the MercadoLibre marketplace to the Magento® of customers.
- **Debug Mode**: Provides easy debug process for hassle-free product upload to the MercadoLibre marketplace.
- **Product Category Mapping**: Follow many to one category mapping methodology. Admin can map many categories of Magento® 2 store to a single category of MercadoLibre.
- **Profile Based Products Upload**: Admin can create a profile and after assigning the products to the profile can easily upload on MercadoLibre.
- **Simple Product Upload**: It enables admin to upload simple type of product on MercadoLibre.com.
- **Auto Acknowledgement of Order**: Admin receives an acknowledgment of Orders automatically as soon as orders are created.
- **Automated Synchronization**: Auto synchronization of the product listing, order, inventory, return, and refund, and pricing at regular intervals is established between Magento® 2 store and MercadoLibre.com.
- **Product Data Validation**: The extension enables the admin to validate the product information in accordance with MercadoLibre standard and values.
- **Low Stock Notifications**: Whenever the stock diminishes lower than the threshold, a notification is sent informing the status of the same.
- **New Order Notifications**: Whenever a new order is fetched from MercadoLibre.com, the admin receives a notification.
- **Rejected products notification**: If any product containing some invalid details is rejected, then its information is fetched from the auto synchronization request along with the error due to which it is rejected.

2. MercadoLibre Magento 2 Store Integration Extension Installation

To install the extension

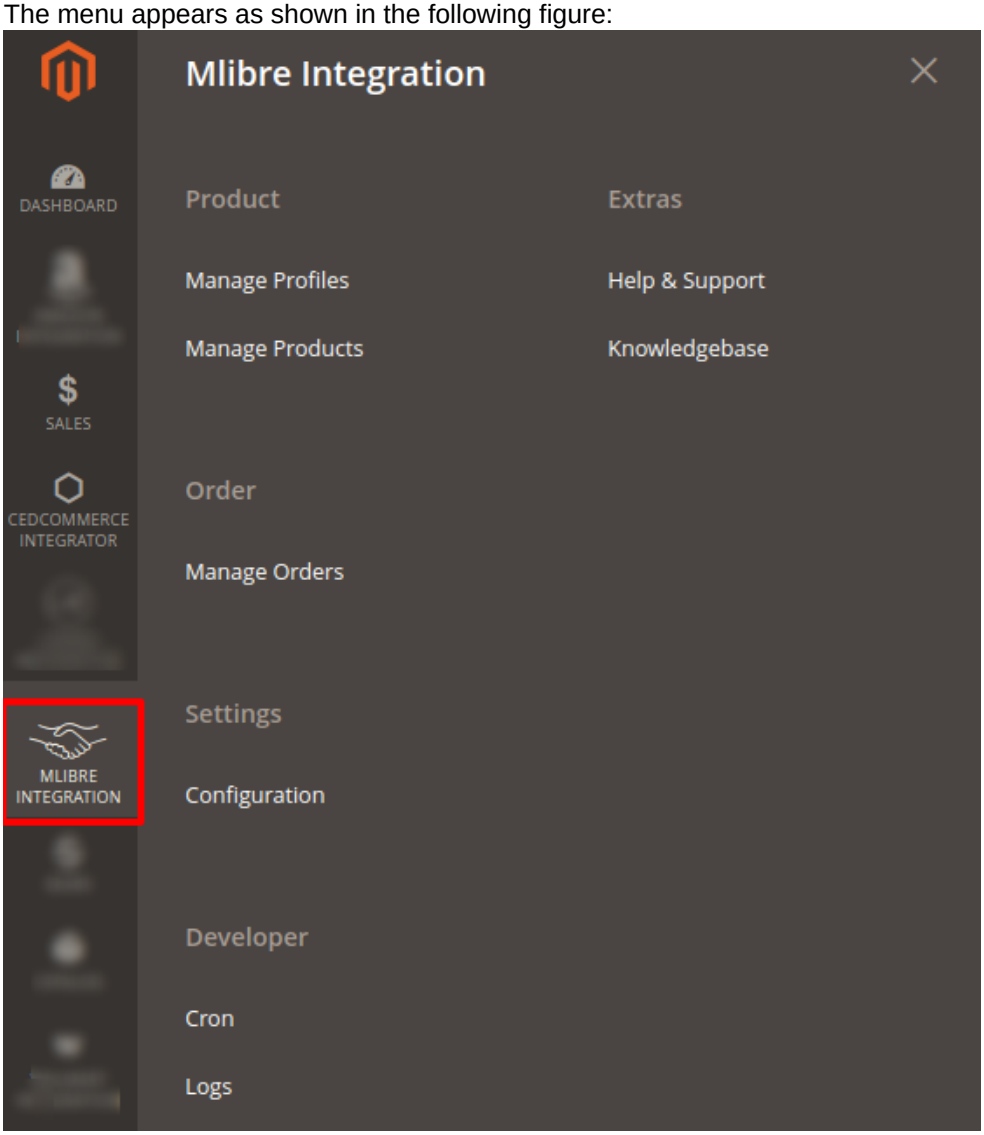
1. Log in the **ftp**, and then go to Magento 2 root folder (generally present under the *public_html* folder).
2. Create a new folder named *code* under the *app* folder; under *code* folder, create a folder named *Ced*.
    - Upload or Drag and Drop *app/code/Ced/Mlibre* directory.
    - After successfully uploading the directory, the extension will be installed/upgraded.
    - Now run the following upgrade command in *cmd*
      php bin/magento setup:upgrade.

3. MercadoLibre Integration Configuration Settings

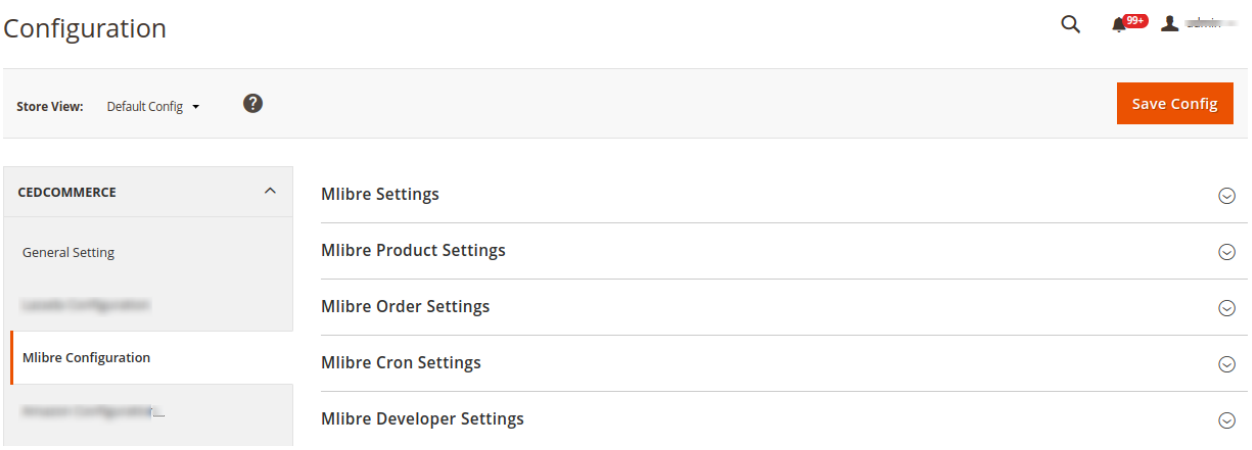
Once the extension is successfully installed in the Magento 2 store, the **MLIBRE INTEGRATION** menu appears on the left navigation bar of the Magento 2 store Admin panel. The merchant has to first create a seller account in the Mlibre seller panel. Once the seller account is created and is approved by Mercado Libre, the Magento 2 store owners have to obtain the AWS API Key values from the Mercado Libre Seller account, and then the Magento® 2 store owners have to paste it in the respective fields displayed on the **Mlibre Configuration** page of the admin panel.

To set up the configuration settings in the Magento 2 Admin panel

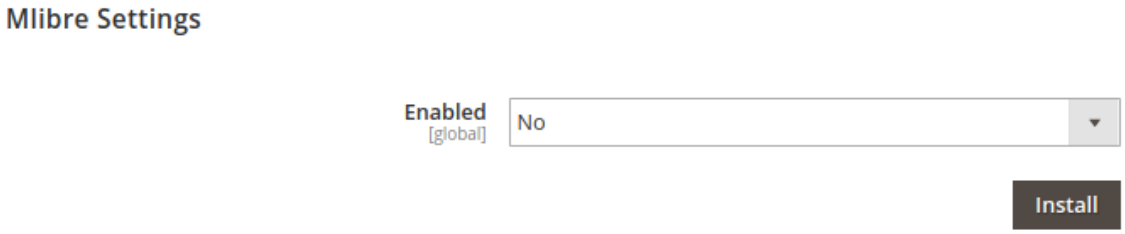
1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu.
   The menu appears as shown in the following figure:



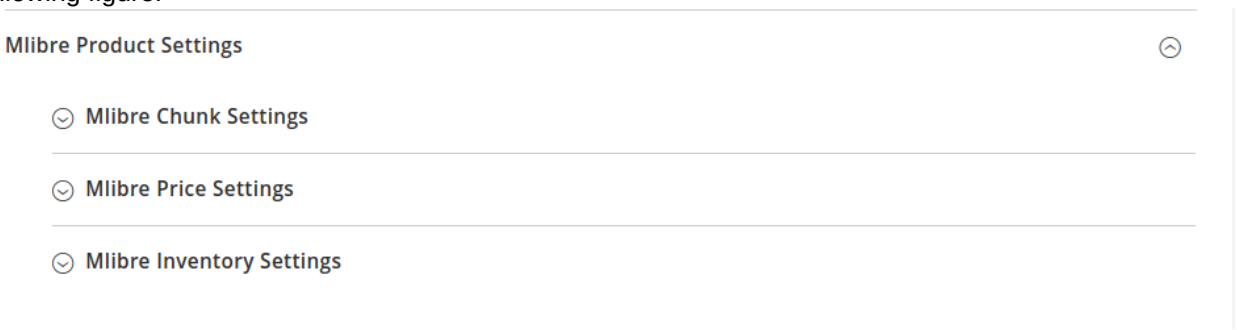
3. Click **Configuration**.
   The **Configuration** page appears as shown in the following figure:



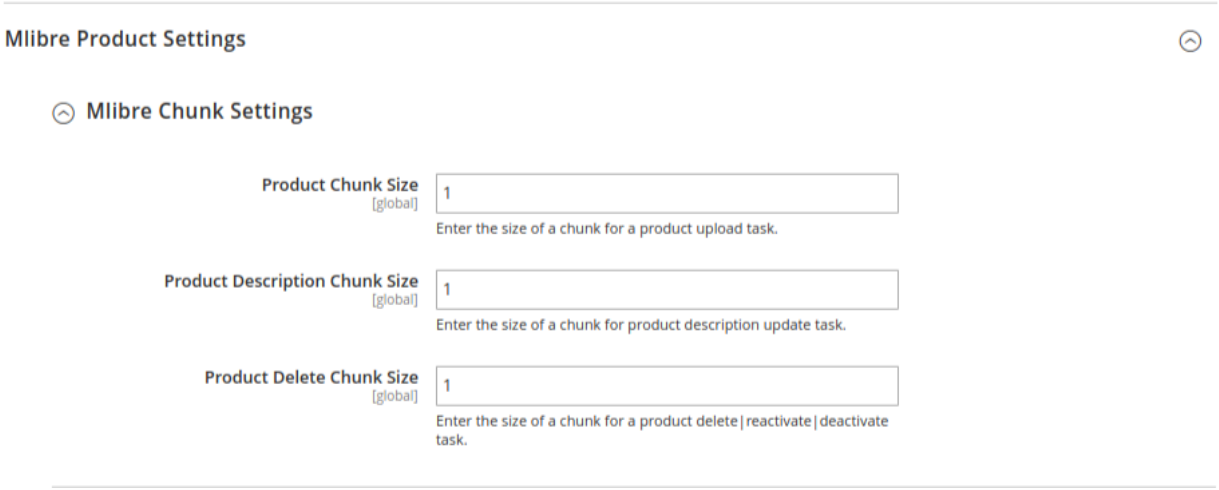
4. In the right panel, click the **Mlibre Settings** tab.
   The **Mlibre Settings** tab is expanded and the relevant fields appear as shown in the following figure:



5. Under **Mlibre Settings**, do the following:
   a. In the **Enabled** list, select the **Yes** option.
6. Scroll down to the **Mlibre Product Settings** tab, and then click the tab.
   The **Mlibre Product Settings** tab is expanded and the expanded section appears as shown in the following figure:

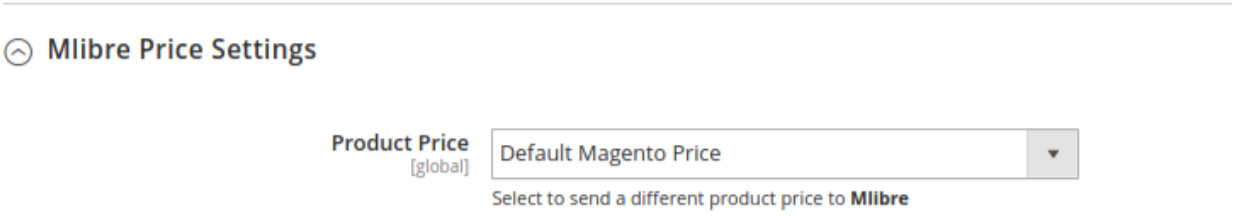


7. Click **Mlibre Chunk Settings,** the section will expand as



i. In the **Product Chunk Size** box, enter the size number of a chunk for a product upload queued task.
ii. In the **Product Description Chunk Size** box, enter the size number of a chunk for a product upload feed.
iii. In the **Price Delete Chunk Size** box, enter the size number of a chunk for a price to be deleted.

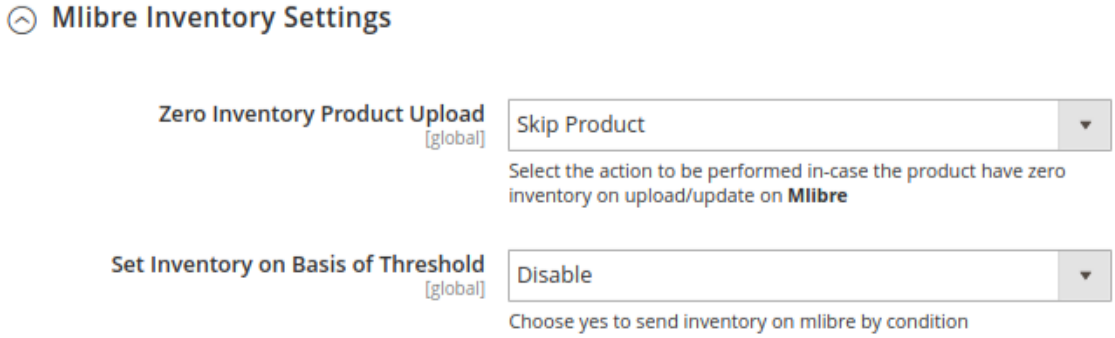
8. Click **Mlibre Price Settings,** the tab gets expanded as



i. In the **Product Price** list, select one of the following options:
Increase by Fixed Price: If selected, then the **Modify by Fix Price** field appears.
Increase by Fixed Percentage: If selected, then the **Modify by Percentage Price** field appears.
Enter the numeric value to increase the price of the **Mlibre**, product price by the entered value % of the Magento 2 store price.
For Example,
Magento 2 price + 5% of Magento 2 price.
Magento 2 Price = 100
Select **Increase By Fixed Percentage** option
Modify by Percentage Price = 5
100 + 5% of 100 = 100 + 5 = 105
Thus, Mlibre Product Price = 105
Decrease by Fixed Price: If selected, then the **Modify by Fix Price** field appears.
Decrease by Fixed Percentage: If selected, then the **Modify by Percentage Price** field appears.
Enter the numeric value to decrease the price of the Mlibre product price by the entered value % of Magento 2 price
For Example,
Magento 2 price – 5% of Magento 2 price.

Magento 2 Price = 100
Select **Decrease By Fixed Percentage** option
Modify by Fix Price = 5
100 – 5% of 100 = 100 – 5 = 95
Thus, Mlibre Product Price = 95

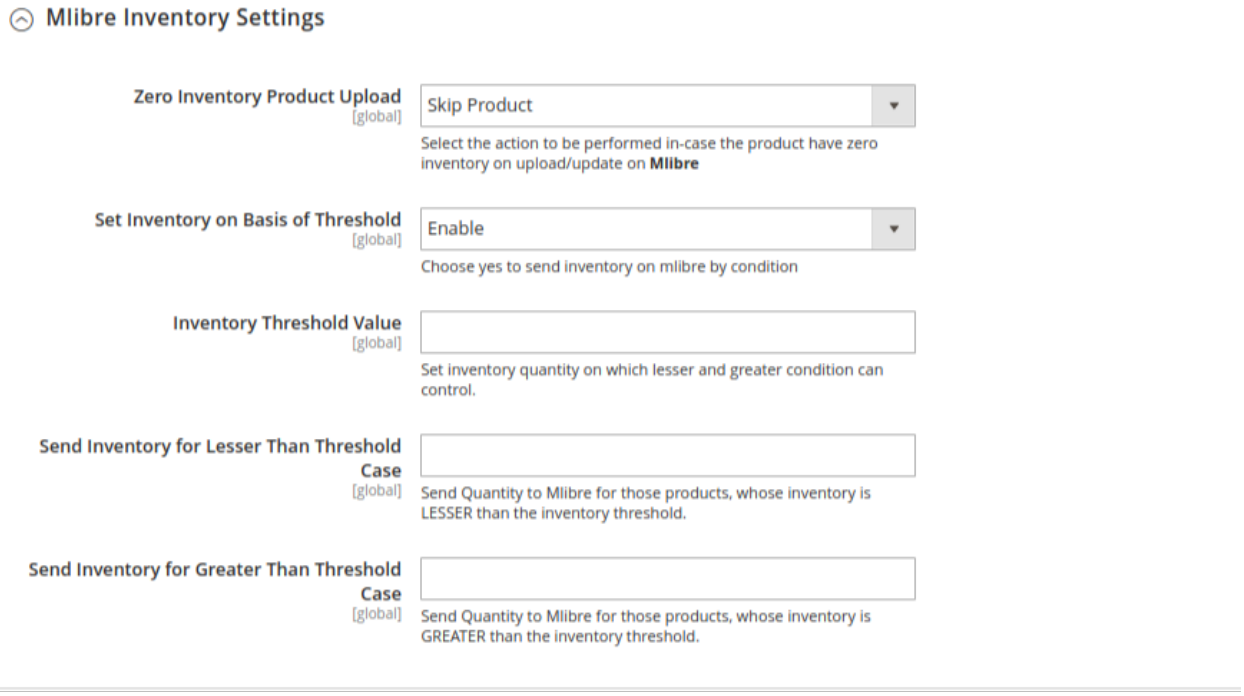
9. Click on **Mlibre Inventory Settings,** the tab gets expanded as:



10. In the **Zero Inventory Product Upload** box, enter the action to be performed in case the product count in inventory on Mlibre drops down to zero.
11. In the **Set Inventory on Basis of Threshold** list, select the **Enable** option if required to set the inventory based on the threshold.

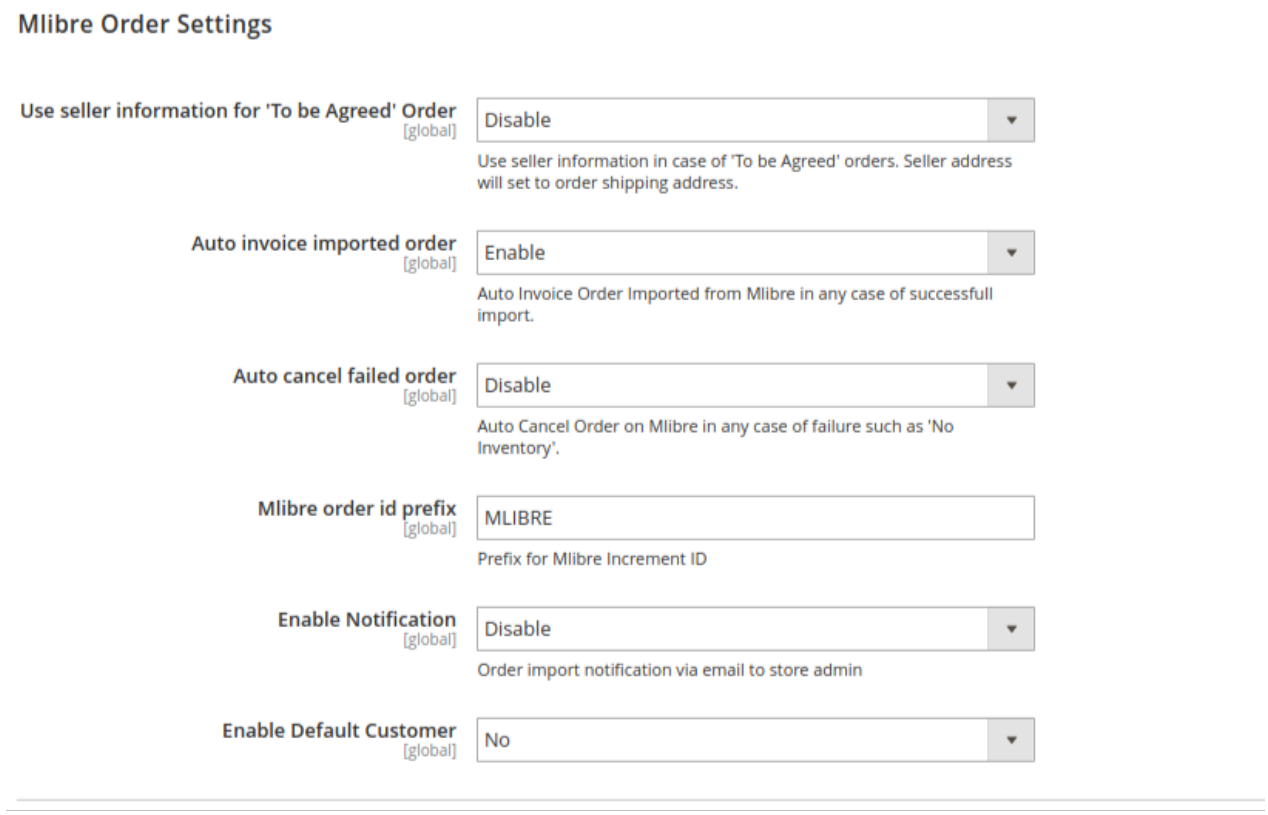
    i. ***Note***: Only when the admin selects **Enable**, the other fields appear. Threshold Inventory is the minimum count of an item that the store owner wants to keep in stock.

12. The section will expand as:

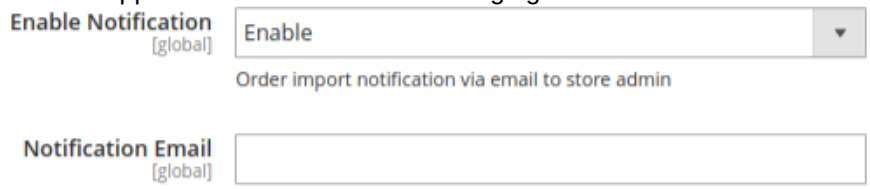


13.
14. In the **Inventory Threshold Value** box, enter the required value.

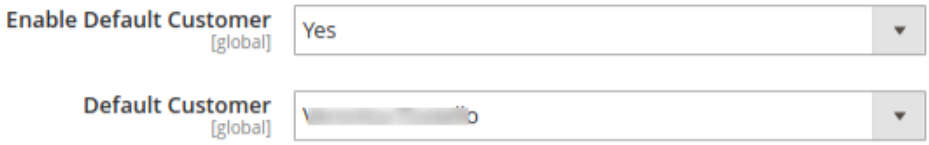
15. In the **Send Inventory for Lesser Than Threshold Case** box, enter the required value.
16. In the **Send Inventory for Greater Than Threshold Case** box, enter the required value.
17. Scroll down to the **Mlibre Order Settings** tab, and then click the tab.
    The tab is expanded and the section appears as shown in the following figure:



18. Under **Mlibre Order Settings**, do the following steps:
    a. In **Use Seller information "To Be Agreed" orders,** select **Enable** if you want the orders to be acknowledged automatically in case of successful import.
    b. In **Auto Invoice Imported Order,** select Enable if you want to use seller information & seller address will set to order shipping address.
    c. In the **Auto Cancel Failed Order** box, select the **Enable** option to auto cancel the orders on Mlibre in any case of failure such as ***No Inventory***.
    d. In the **Mlibre Order Id Prefix** box, enter the required order Id prefix.
    e. In the **Enable Notification** list, select the **Enable** option to get order import notification via email.
    The field appears as shown in the following figure:



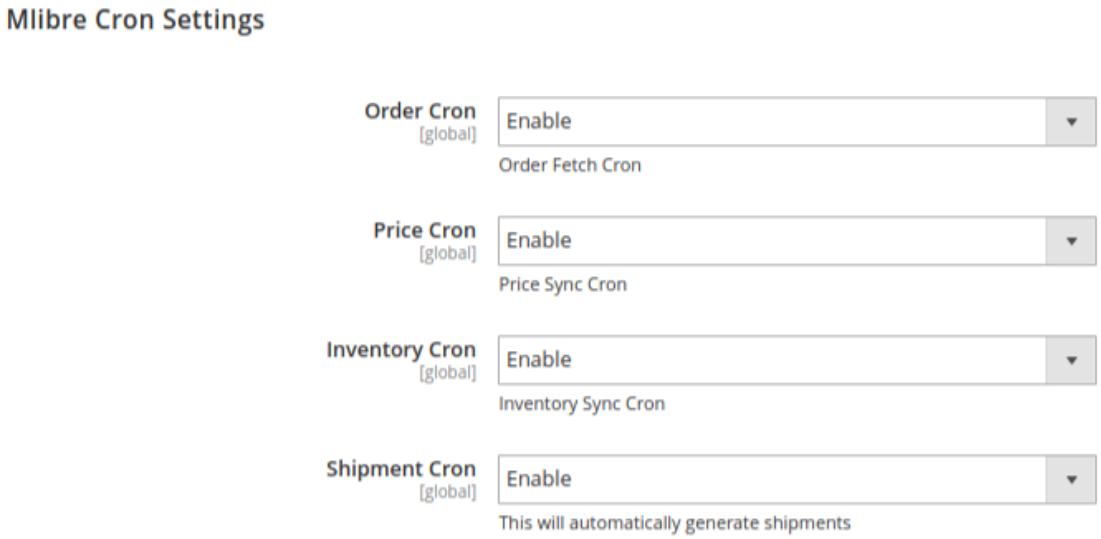
    f. In the **Notification Email** field, enter the email id on which you may get the notifications.
    g. In the **Enable Default Customer** field, select the **Yes** option to enable the default customer.
        i. The field appears as shown in the following figure:



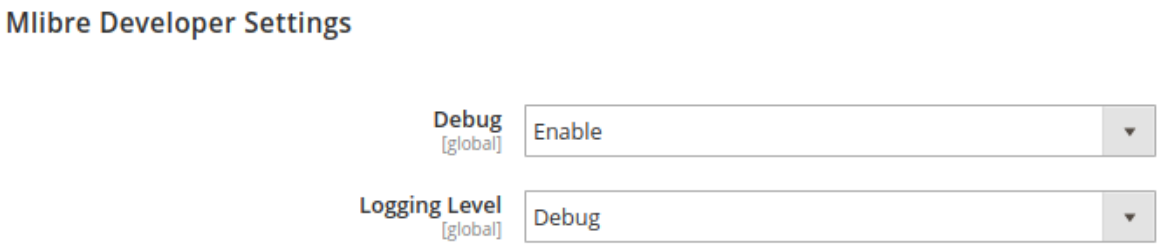
h.

i. In the **Default Customer** list, select the required customer name.

19. Click **Mlibre Cron Settings** and the section will expand as:



20.
21. In the **Order Cron** list, select the **Enable** option to enable the fetch order cron.
22. In the **Price Cron** list, select the **Enable** option to enable the price sync cron.
23. In the **Inventory Cron** list, select the **Enable** option to enable the inventory sync cron.
24. In the **Shipment Cron** list, select the **Enable** option to enable the shipment cron and to generate shipments automatically.
25. Scroll down to the **Mlibre Developer Settings** tab, and then click the tab.
    The tab is expanded and the section appears as shown in the following figure:



26. In **Debug,** select **Enable** for the logs to be created.
27. In case you want the errors to get Logged Choose the desired option from the **Logging Level**.
28. Click the **Save Config** button to save the entered values and information. The configuration will be saved.

4. Manage Mlibre Profiles

Admin can create a new profile and assign the required products to the profile. While creating and editing the profile, admin can map the Magento 2 attributes to the Mercado Libre attributes. These attributes are applicable to all the products that are assigned to the profile.

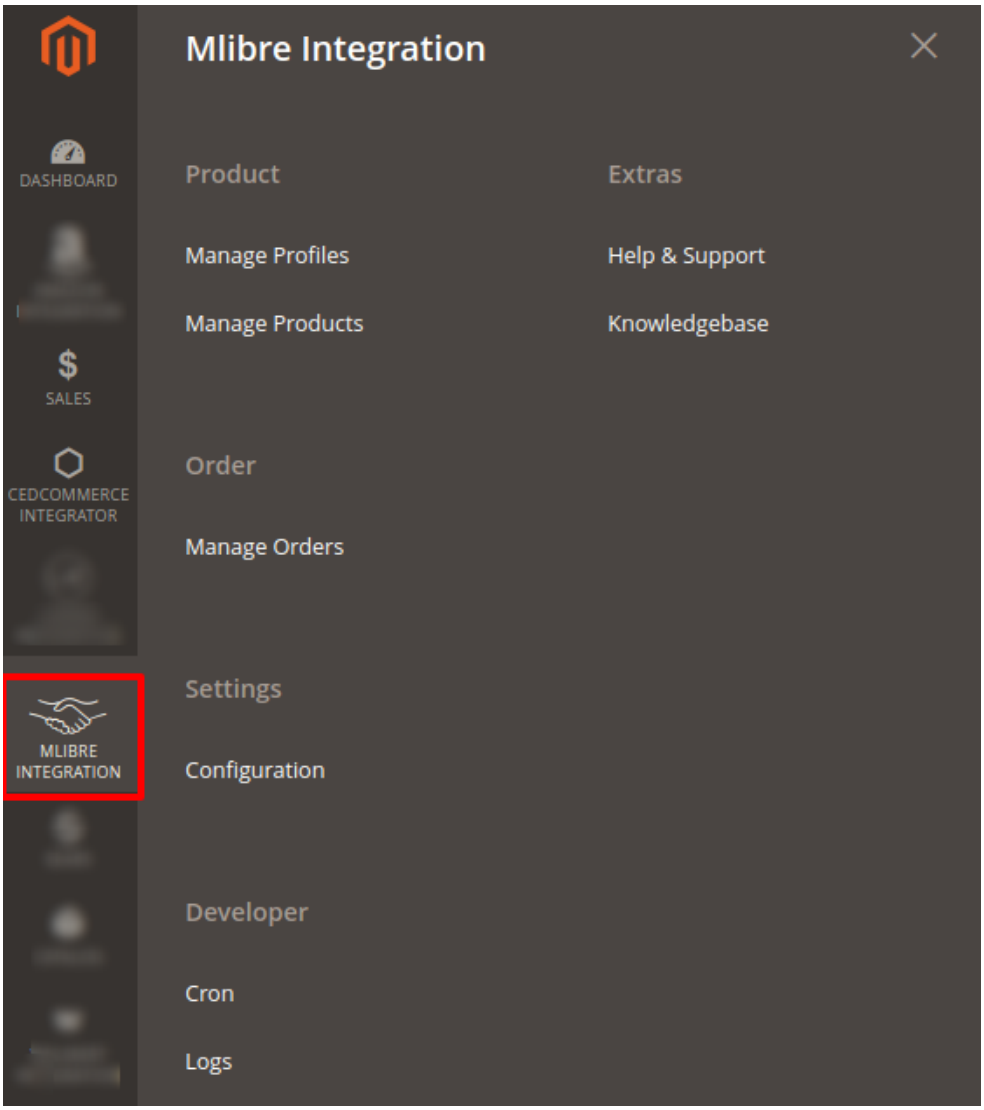
Admin can do the following tasks:

- Add a new profile
- Edit the existing profile
- Upload profile products to Mlibre
- Deleting profiles
- Bulk Action on the Selected Profiles

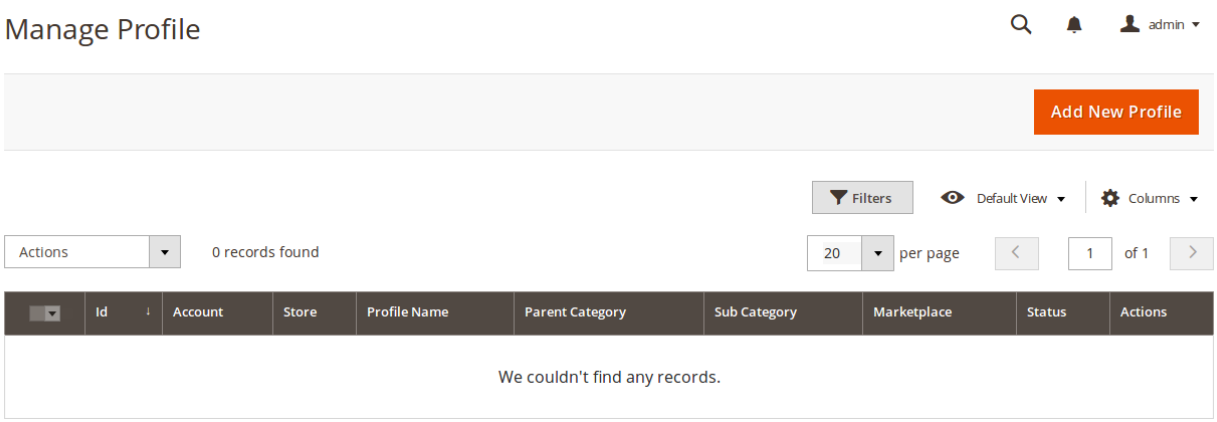
4.1. Add a New Profile

To add a new profile

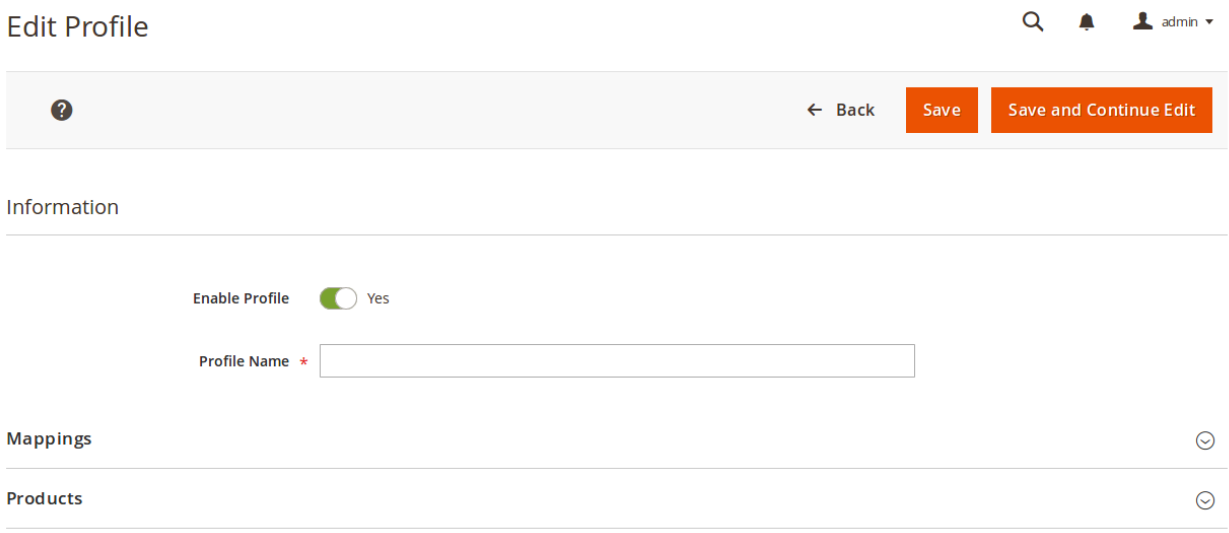
1. Go to the **Magento 2 Store Admin**
2. On the left navigation bar, click the **MERCADO LIBRE INTEGRATION**
   A menu appears as shown in the following figure:



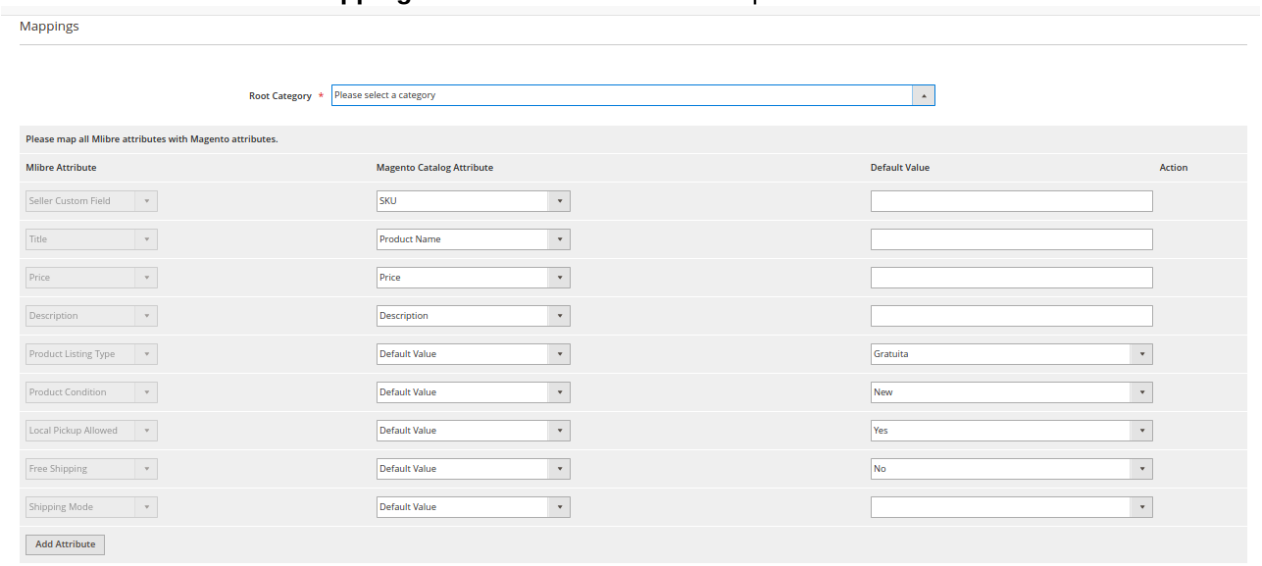
3. Click **Manage Profiles**.
   The **Manage Profile** page appears as shown in the following figure:



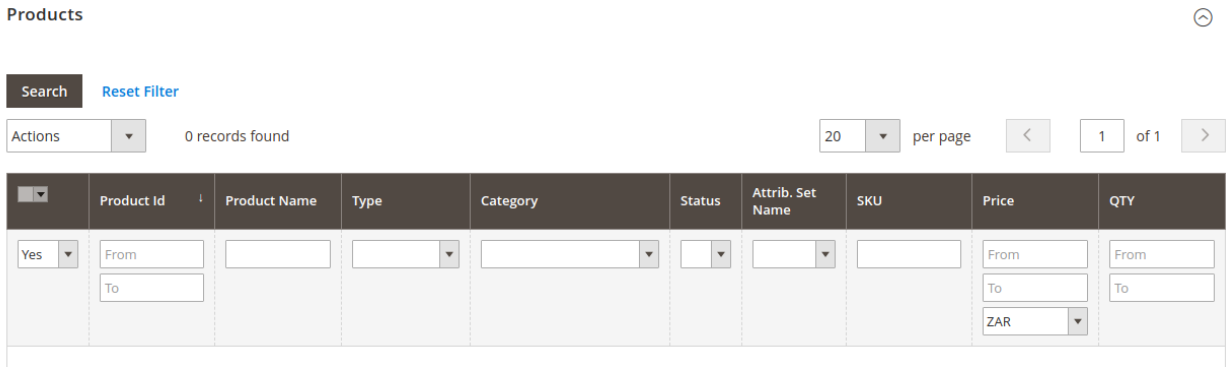
4. Click the **Add New Profile**
   The **New Profile** page appears as shown in the following figure:



5. In the right panel, under **Information**, do the following steps:
    a. In the **Enable Profile**, select **Yes** to enable the profile that you are creating.
    b. In **Profile Name,** enter the name for the profile.
6. Scroll down and click the **Mappings** section. The section will expand as:



7. Now map the attributes. You may also add attributes by clicking on the **Add Attribute** button.
8. Scroll down to **Products** and the section will appear as:

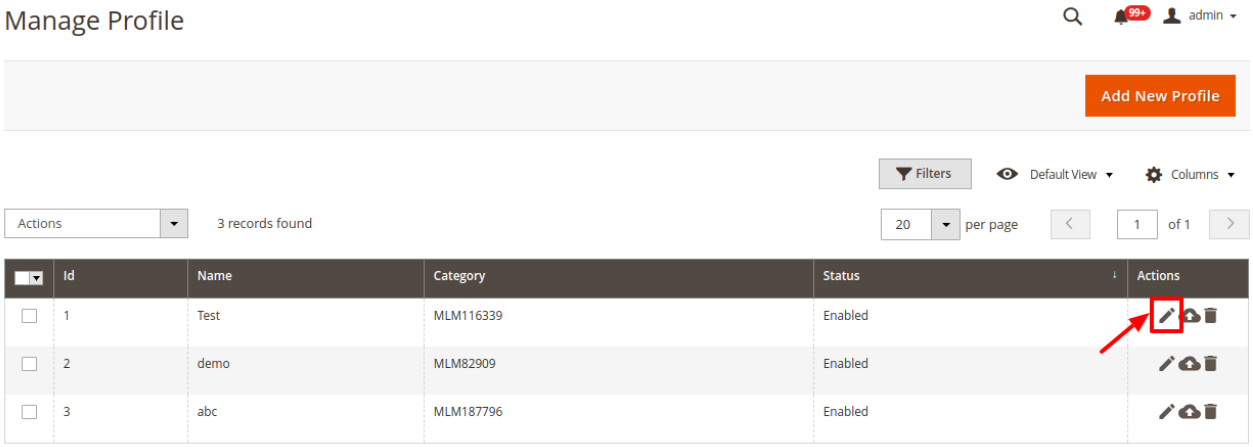


9. You can make the required changes in the product here.
10. Click **Save** on the top right side of the page. The profile will be saved.

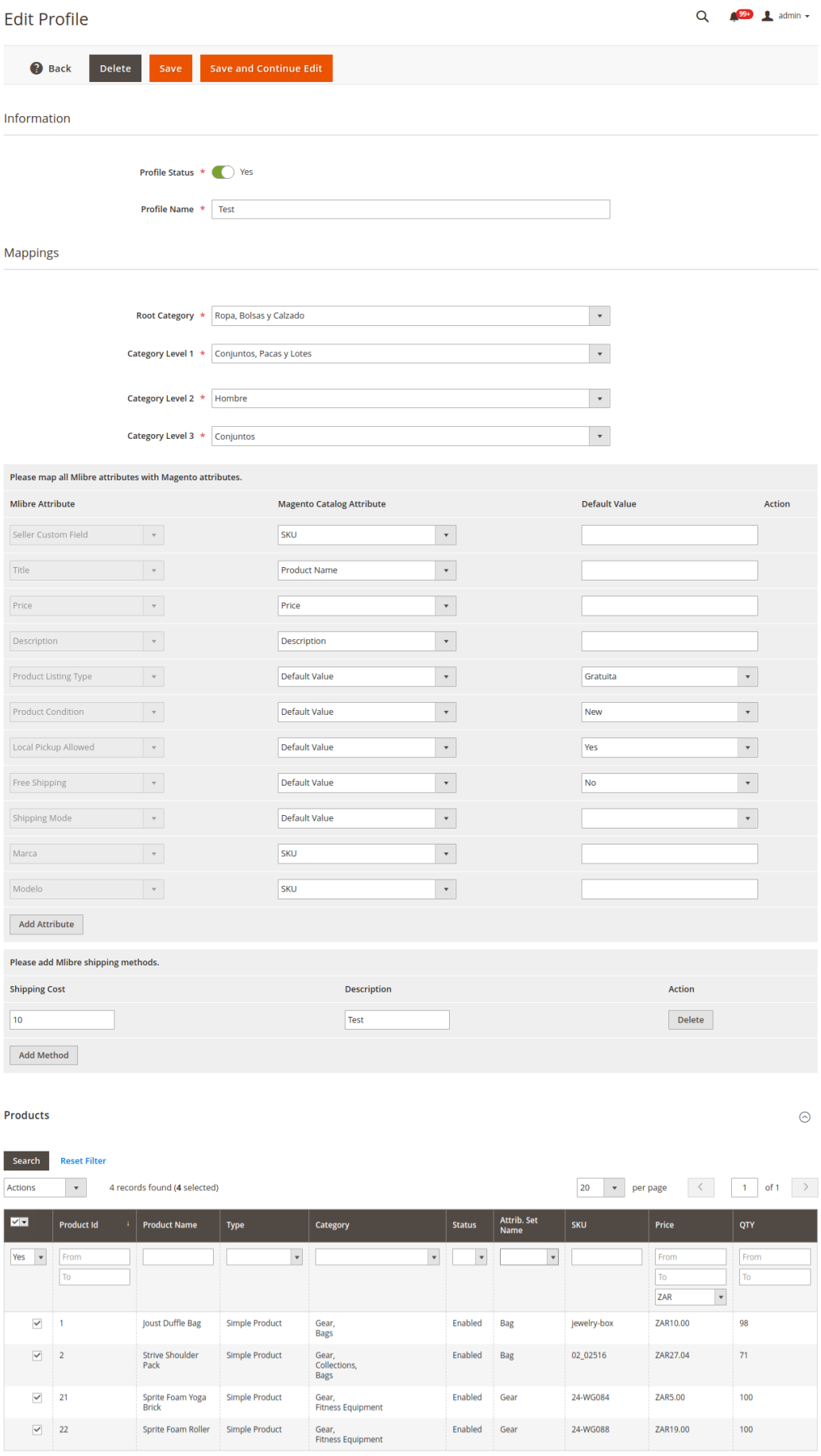
4.2. Edit the Existing Profile

To edit the existing profile

1. Go on **Magento 2 Store Admin** panel.
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu, and then click **Profile Manager**. The **Manage Profile** page appears as shown in the following figure:



3. Scroll down to the required profile row.
4. In the **Action** column of the respective row, click the **Edit** button as highlighted in the above image. The profile editing page appears as shown in the following figure:

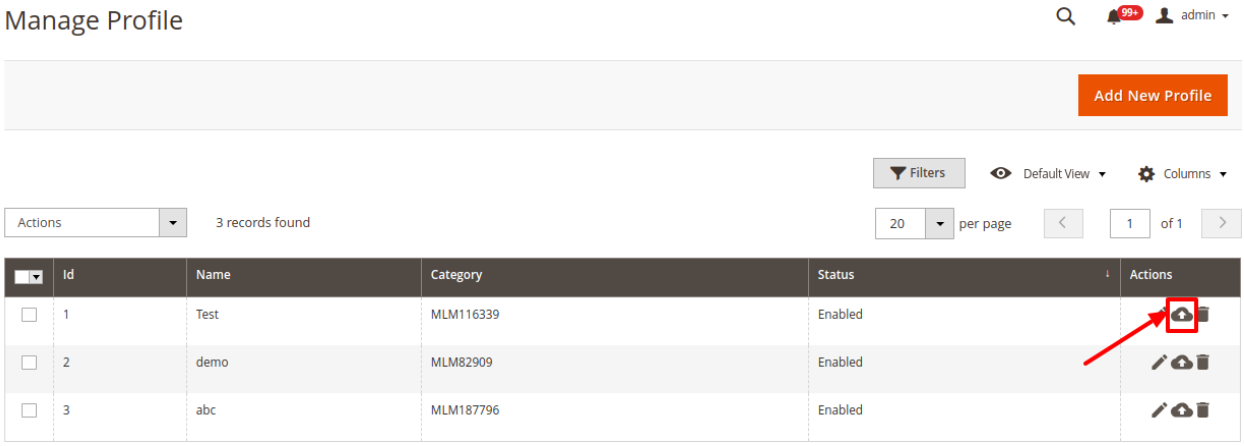

Edit Profile
admin
Back
Delete
Save
Save and Continue Edit
Information
Profile Status * Yes
Profile Name * Test
Mappings
Root Category * Ropa, Bolsas y Calzado
Category Level 1 * Conjuntos, Pacas y Lotes
Category Level 2 * Hombre
Category Level 3 * Conjuntos
Please map all Mlibre attributes with Magento attributes.
Mlibre Attribute
Magento Catalog Attribute
Default Value
Action
Seller Custom Field
SKU
Title
Product Name
Price
Price
Description
Description
Product Listing Type
Default Value
Gratuita
Product Condition
Default Value
New
Local Pickup Allowed
Default Value
Yes
Free Shipping
Default Value
No
Shipping Mode
Default Value
Marca
SKU
Modelo
SKU
Add Attribute
Please add Mlibre shipping methods.
Shipping Cost
Description
Action
10
Test
Delete
Add Method
Products
Search
Reset Filter
Actions
4 records found (4 selected)
20
per page
1
of 1
Product Id
Product Name
Type
Category
Status
Attrib. Set Name
SKU
Price
QTY
1
Joust Duffle Bag
Simple Product
Gear, Bags
Enabled
Bag
jewelry-box
ZAR10.00
98
2
Strive Shoulder Pack
Simple Product
Gear, Collections, Bags
Enabled
Bag
02_02516
ZAR27.04
71
21
Sprite Foam Yoga Brick
Simple Product
Gear, Fitness Equipment
Enabled
Gear
24-WG084
ZAR5.00
100
22
Sprite Foam Roller
Simple Product
Gear, Fitness Equipment
Enabled
Gear
24-WG088
ZAR19.00
100

5. Click the required section, and then make the changes as per requirement in the respective section.
6. Click the **Save** button.
   The edited profile is saved and the success message appears on the **Manage Profile** page.

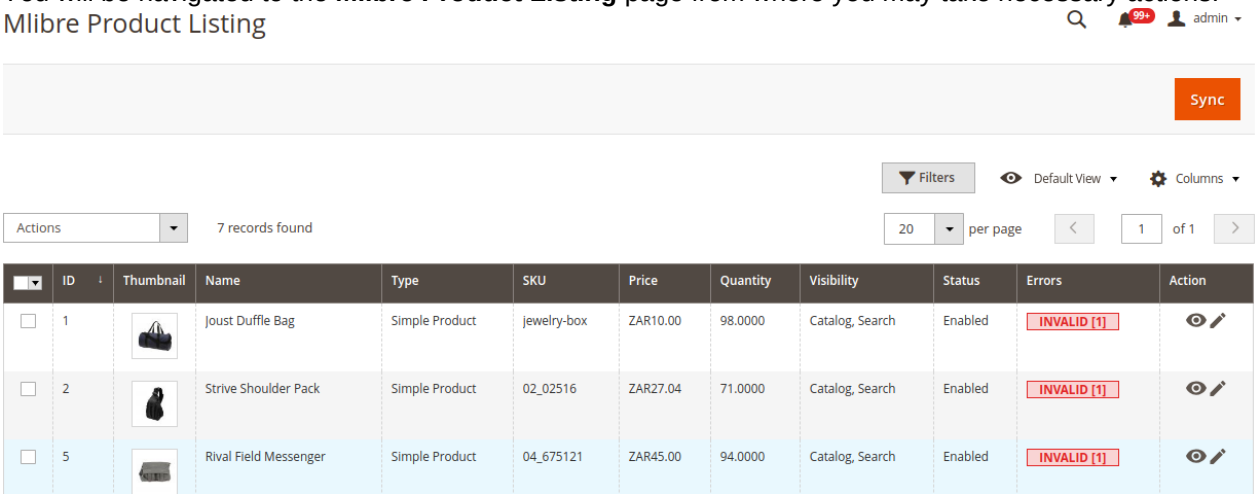
4.3. Upload the profile products on Mercado Libre

To upload the profile products

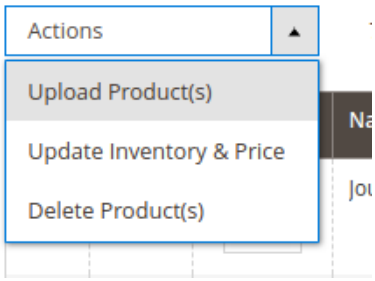
1. Go on **Magento 2 Store Admin** panel.
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu, and then click **Profile Manager**.
   The **Manage Profile** page appears as shown in the following figure:



3. Scroll down to the required profile row.
4. In the **Action** column of the respective row, click the **Upload** button as highlighted in the above image.
   You will be navigated to the **Mlibre Product Listing** page from where you may take necessary actions.



   Choose the product you wish to upload.
5. Click on **Actions** and a drop-down menu opens.

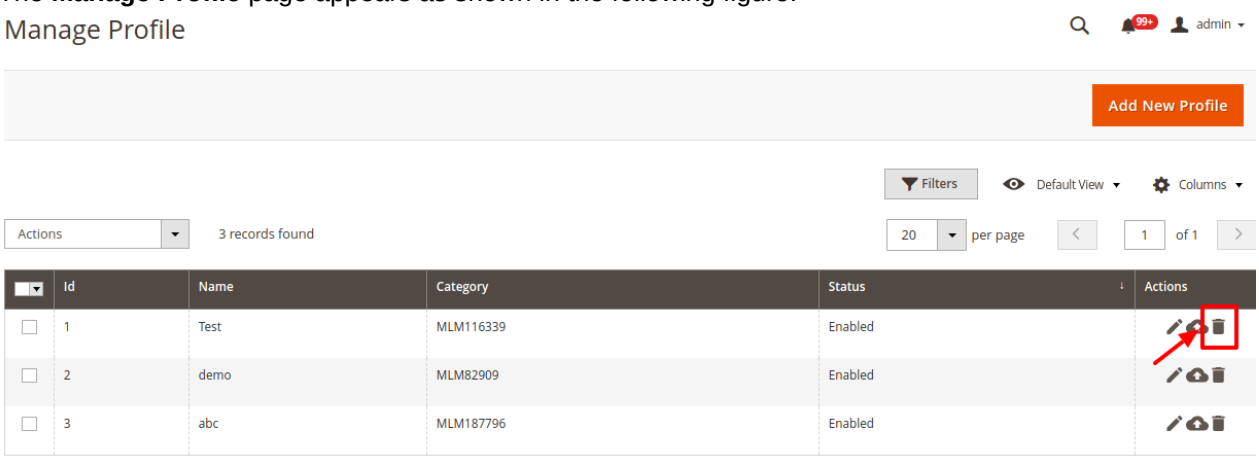


6. Click on **Upload Product(s)**.

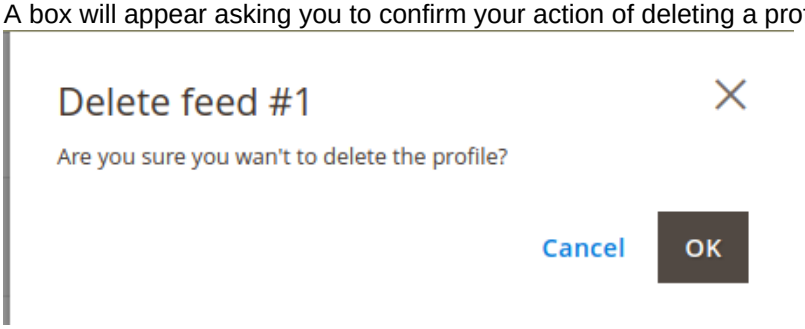
4.4. Delete the Profiles

To delete a profile

1. Go to the **Magento 2 Store Admin** panel.
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu, and then click **Profile Manager**.
   The **Manage Profile** page appears as shown in the following figure:



   On this page, all the available profiles are listed.
3. *To delete a profile*, click the delete sign as highlighted in the above image.
4. A box will appear asking you to confirm your action of deleting a profile.



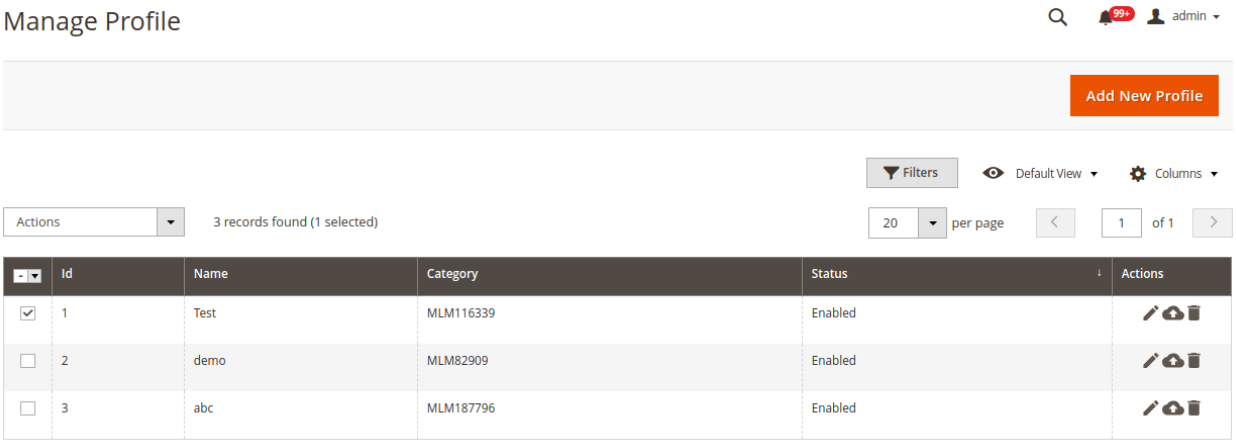
5. Click **OK.**
6. The profile will be deleted.

4.5. Submit Bulk Action on the Selected Profiles

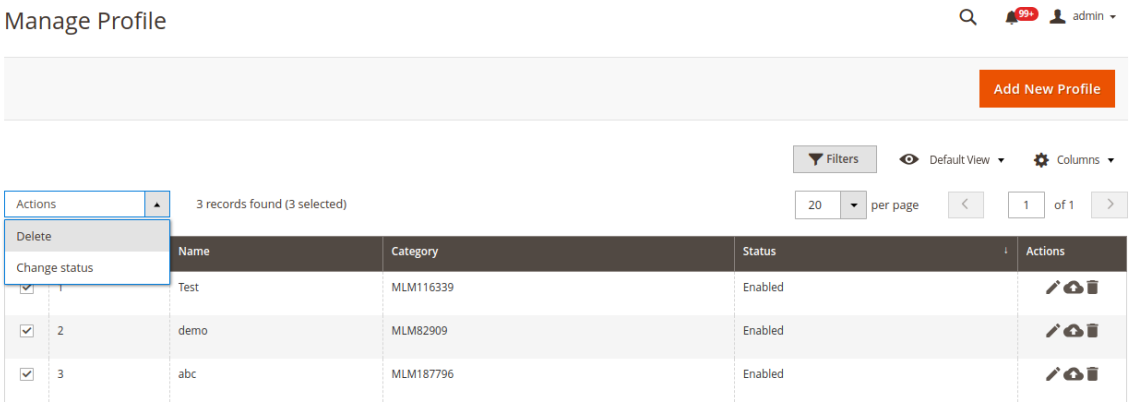
Admin can delete the selected profiles and also can change the status of the profiles in bulk.

To submit the selected action on the selected profiles in Bulk

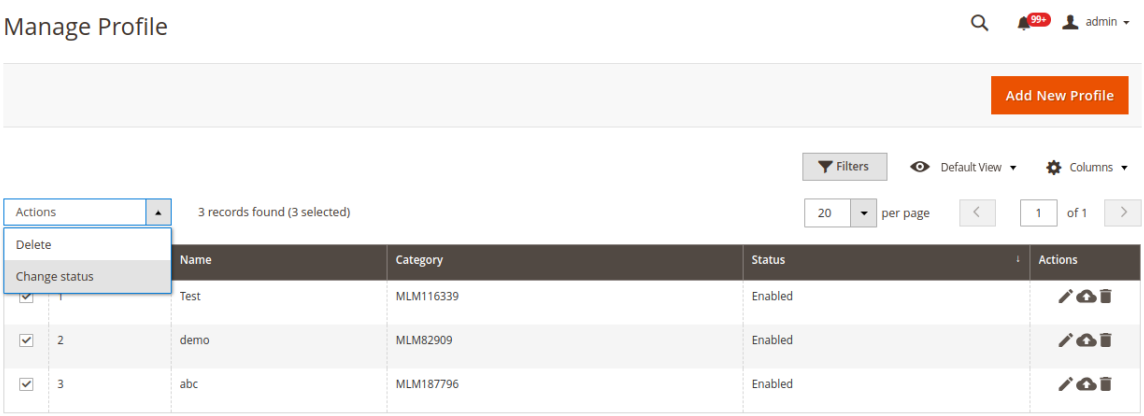
1. Go to the **Magento 2 Store Admin** panel.
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu, and then click **Profile Manager**.
   The **Manage Profile** page appears as shown in the following figure:



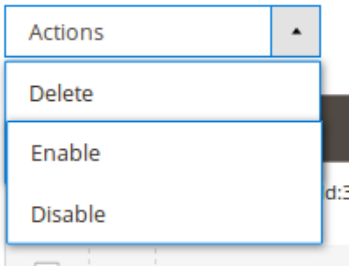
   On this page, all the available profiles are listed.
3. *To delete the selected profiles*, do the following steps:
   a. Select the profiles those are no more required.
   b. Click the **Arrow** button next to the **Actions** field.
      The **Actions** list appear as shown in the following figure:



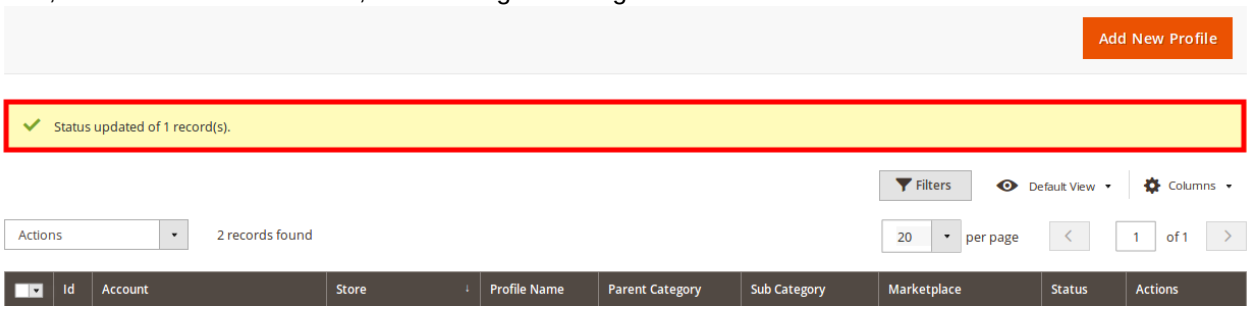
   c. Click the **Delete** option.
      A confirmation dialog box appears.
   d. Click the **OK** button.
      The selected profiles are deleted.
4. *To change the status of the selected profiles*, do the following steps:
   a. Select the required profiles.
   b. Click the **Arrow** button next to the **Actions** field.
      The **Actions** list appear as shown in the following figure:



c. Click the **Change Status** option. On selecting it, the options for status appear as:



5. Select **Enable** or **Disable**.
6. Selected profiles get enabled or disabled and a message appears as on top of the page as shown below. Also, under the **Status** column, the status gets changed.



5. MercadoLibre Product Listing

On this page, admin can view, edit, and validate the individual product. Also, the admin can view the error message if any error exists in any product details. After uploading the product on MercadoLibre or after updating the product inventory or the product price, the user can check the status of the feed. Also, the admin can view the feed error if any. The admin can submit certain actions on the selected products available on the **Mlibre Product Listing** page.

This section covers the following topics:

- View the Product Details(https://docs.cedcommerce.com/magento-2/amazon-integration-magento-2-user-

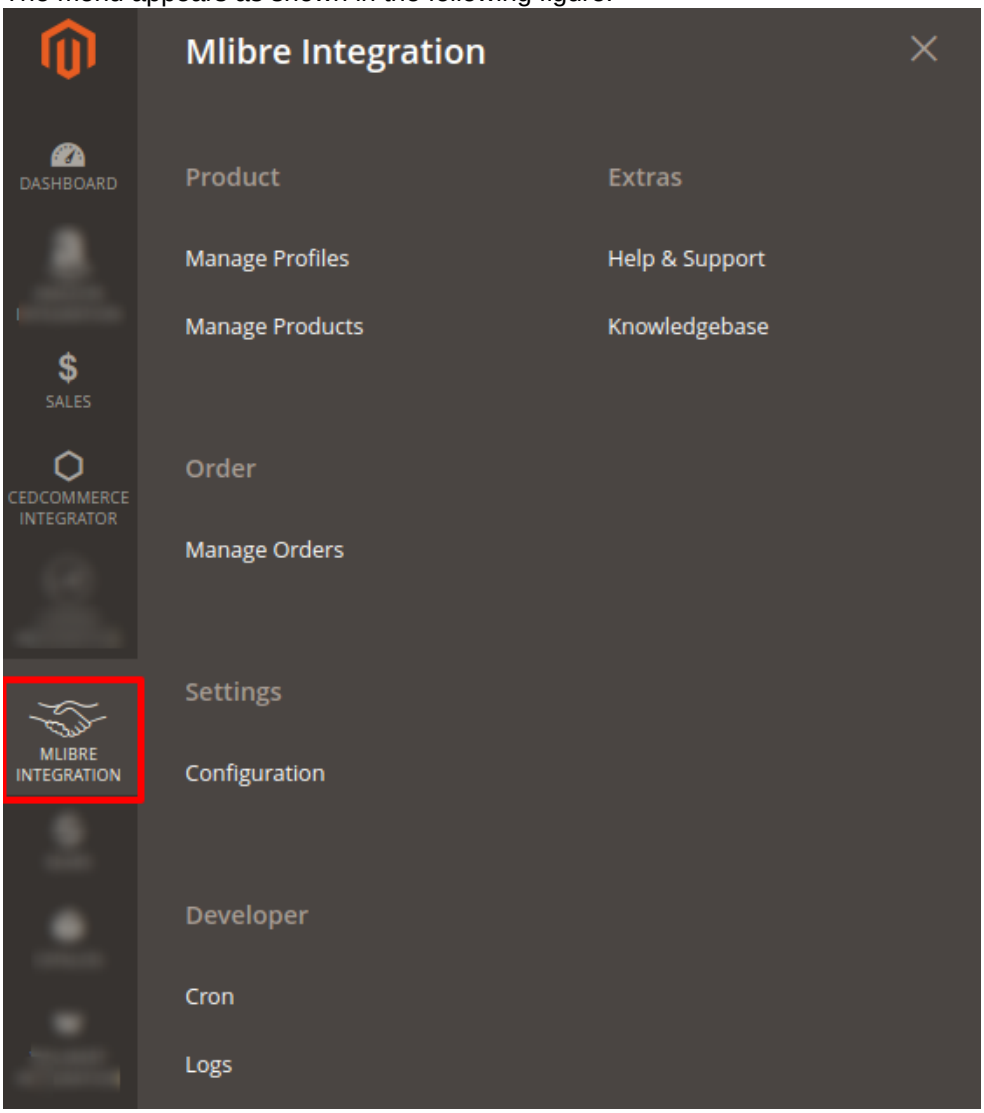
guide/?section=view-the-product-details-7)

- Edit the Mlibre Products(https://docs.cedcommerce.com/magento-2/amazon-integration-magento-2-user-guide/?section=edit-the-amazon-products)
- Synchronize the Single Product(https://docs.cedcommerce.com/magento-2/amazon-integration-magento-2-user-guide/?section=synchronize-the-amazon-products-between-amazon-and-the-magento-2-store)
- Submit Bulk Action on the Selected Products(https://docs.cedcommerce.com/magento-2/amazon-integration-magento-2-user-guide/?section=submit-bulk-action-on-the-selected-products-7)

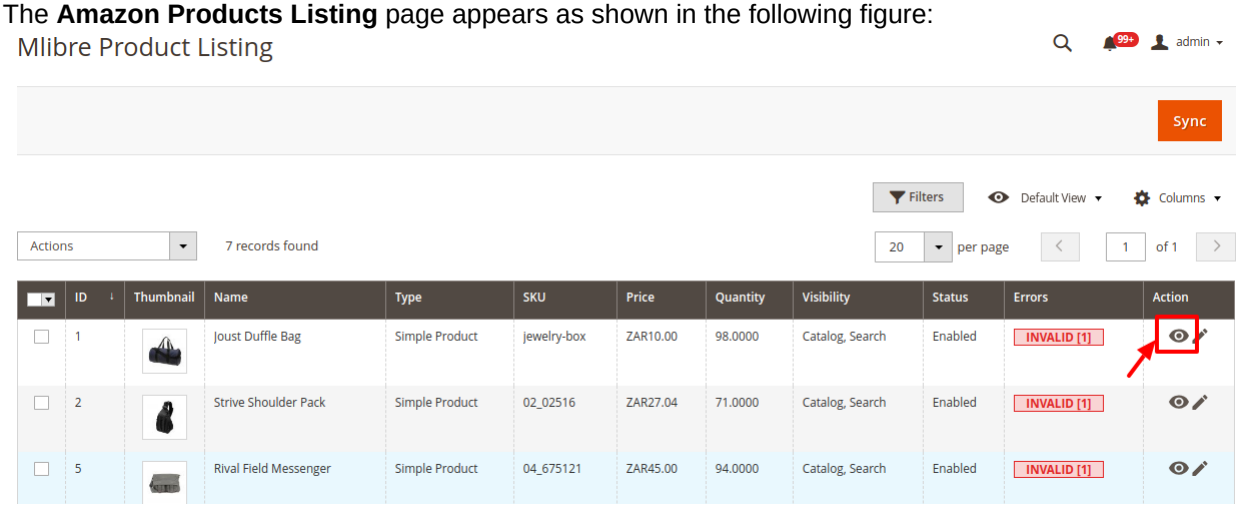
5.1. View the Product Details

To view the product details

1. Go to the **Magento 2 Store Admin** panel.
2. On the left navigation bar, click the **AMAZON INTEGRATION** menu.
   The menu appears as shown in the following figure:

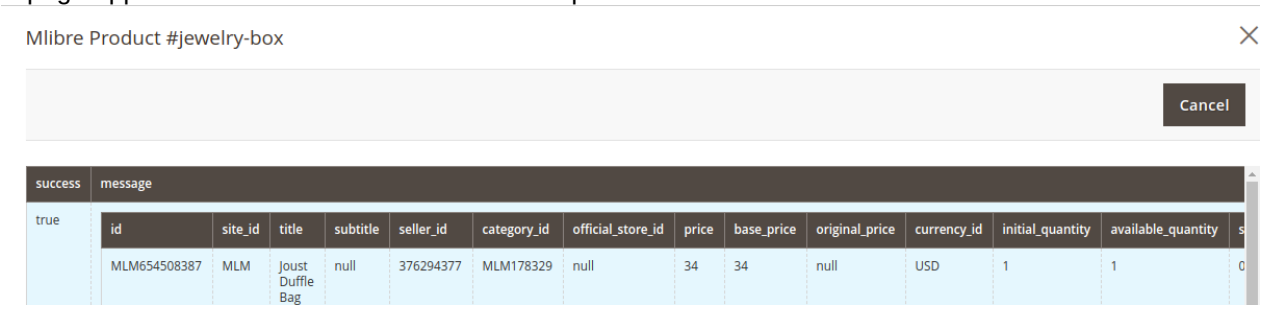


3. Click **Manage Products**.
   The **Amazon Products Listing** page appears as shown in the following figure:



4. Scroll down to the required product row.
5. In the **Action** column of the respective row, click the **View**

   icon.
   A page appears where the user can view all the product related details.

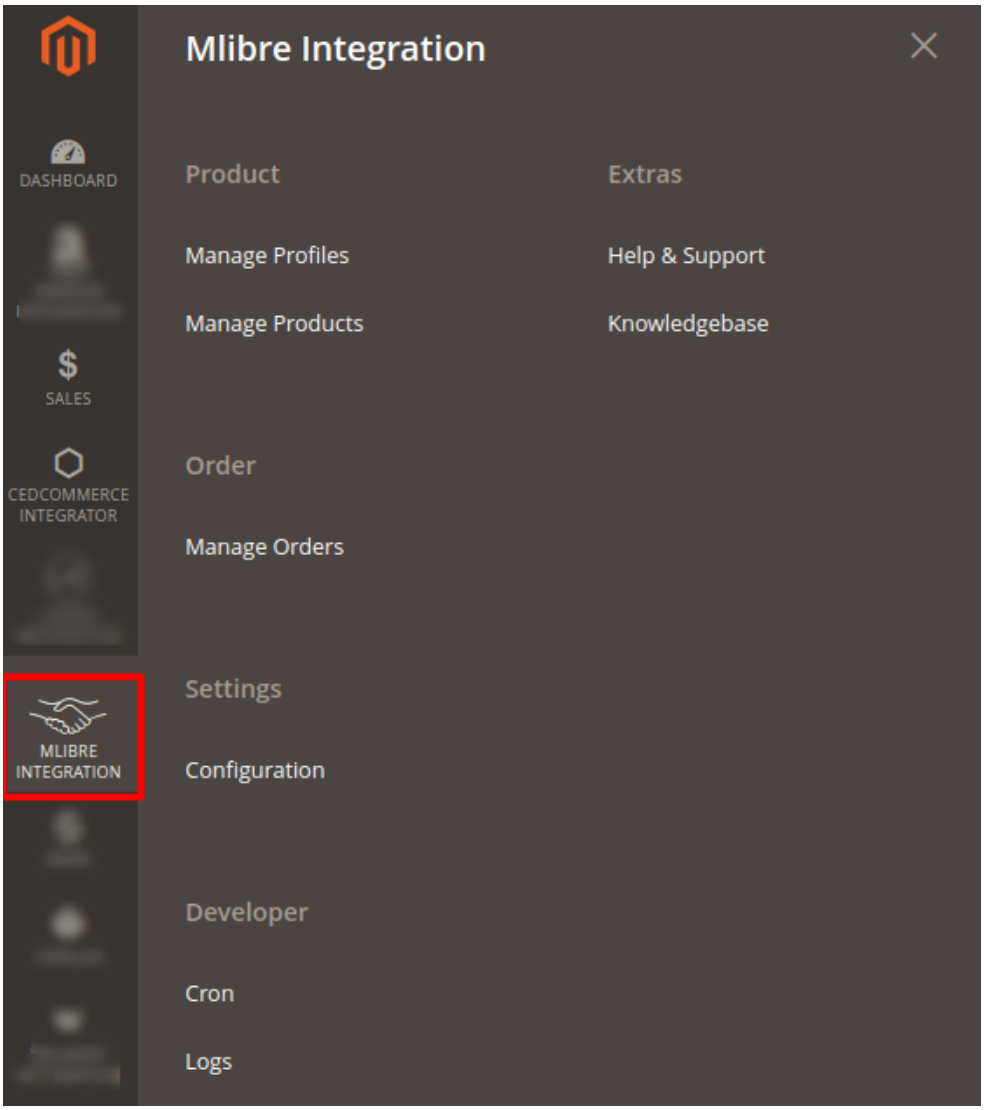


6. Click the **Cancel** button to close the page.

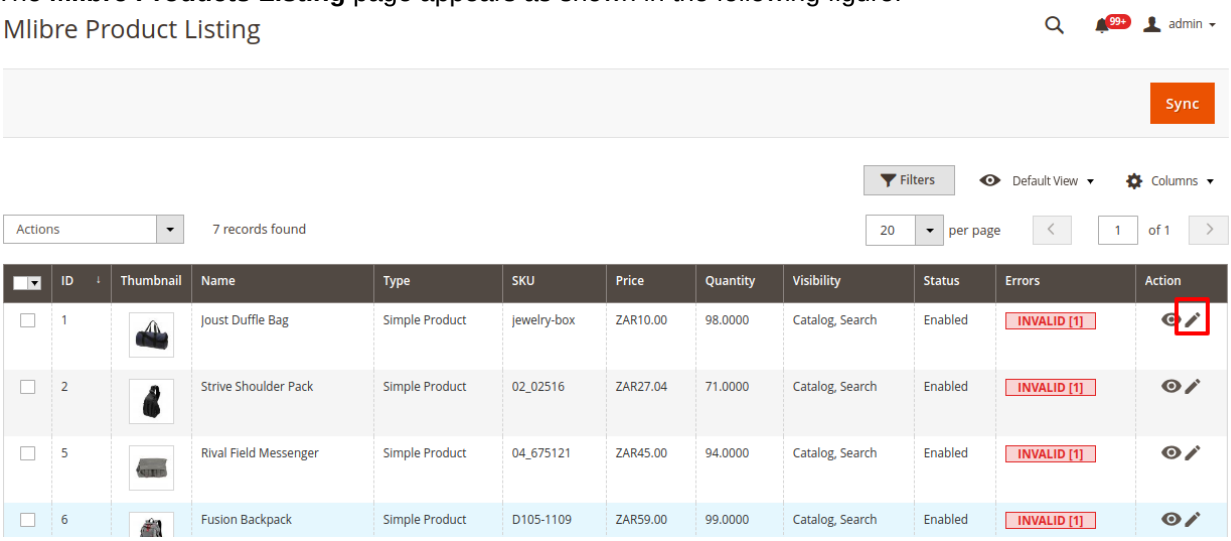
5.2. Edit the Products

To edit the Mlibre product details

1. Go to the **Magento 2 Store Admin** panel.
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu.
   The menu appears as shown in the following figure:

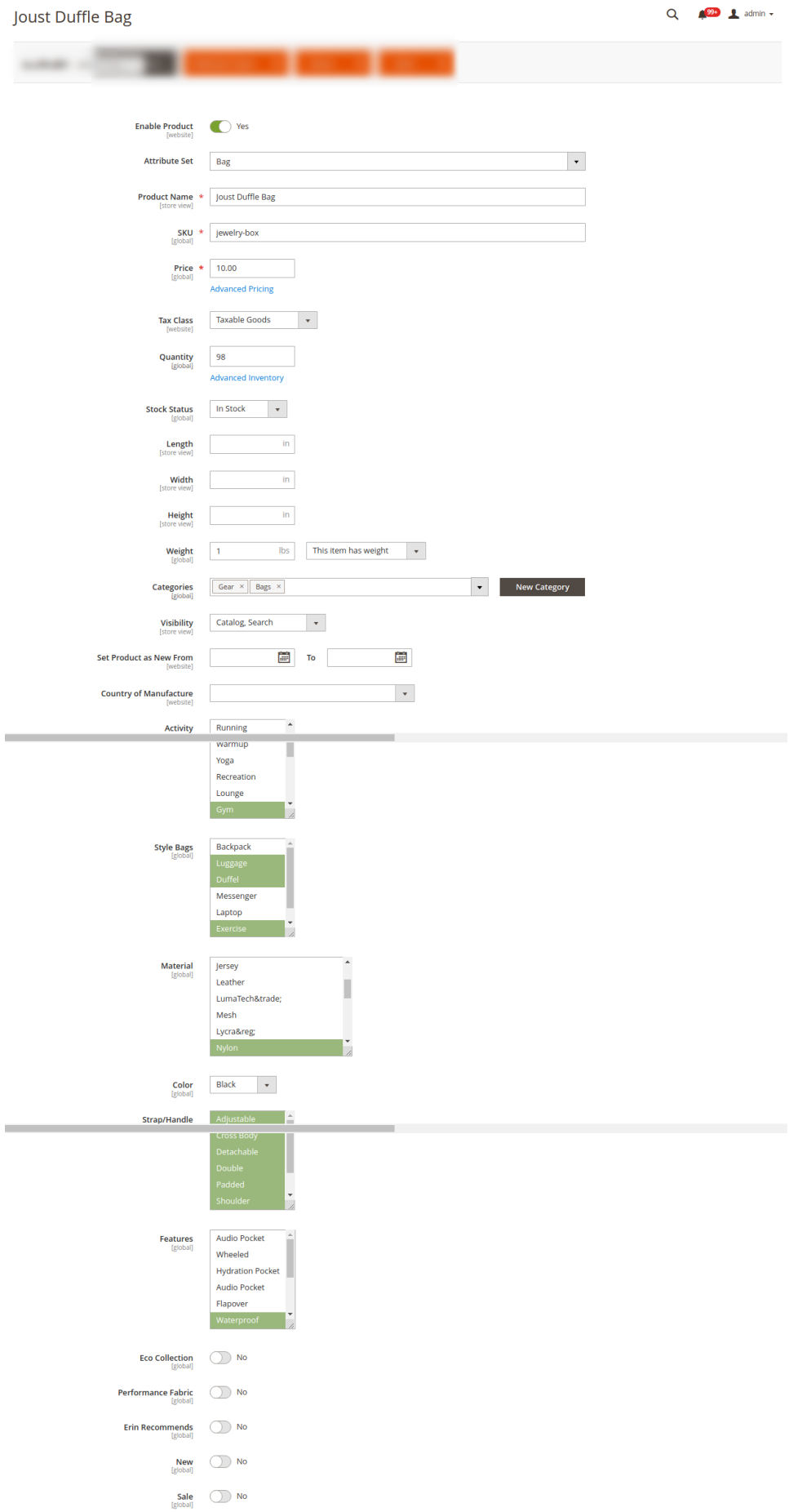


3. Click **Manage Products**.
   The **Mlibre Products Listing** page appears as shown in the following figure:



4. Scroll down to the required product row to edit the product or view the existing Mlibre product details.
5. In the **Action** column of the respective row, click the **Edit**

icon.
The product editing page appears.
6. Scroll down to the **Mlibre** tab, and then click the tab.
The tab is expanded and the expanded section appears as shown in the following figure:


Joust Duffle Bag
admin
Enable Product [website] Yes
Attribute Set Bag
Product Name * [store view] Joust Duffle Bag
SKU * [global] jewelry-box
Price * [global] 10.00
Advanced Pricing
Tax Class [website] Taxable Goods
Quantity [global] 98
Advanced Inventory
Stock Status [global] In Stock
Length [store view] in
Width [store view] in
Height [store view] in
Weight [global] 1 lbs This item has weight
Categories [global] Gear Bags New Category
Visibility [store view] Catalog, Search
Set Product as New From [website] To
Country of Manufacture [website]
Activity Running Warmup Yoga Recreation Lounge Gym
Style Bags [global] Backpack Luggage Duffel Messenger Laptop Exercise
Material [global] Jersey Leather LumaTech™ Mesh Lycra® Nylon
Color [global] Black
Strap/Handle Adjustable Cross Body Detachable Double Padded Shoulder
Features [global] Audio Pocket Wheeled Hydration Pocket Audio Pocket Flapover Waterproof
Eco Collection [global] No
Performance Fabric [global] No
Erin Recommends [global] No
New [global] No
Sale [global] No

7. Enter the required information or edit the values in the required fields, and then click the **Save** button.
   The changes are saved and the success message appears on the **Mlibre Product Listing** page.

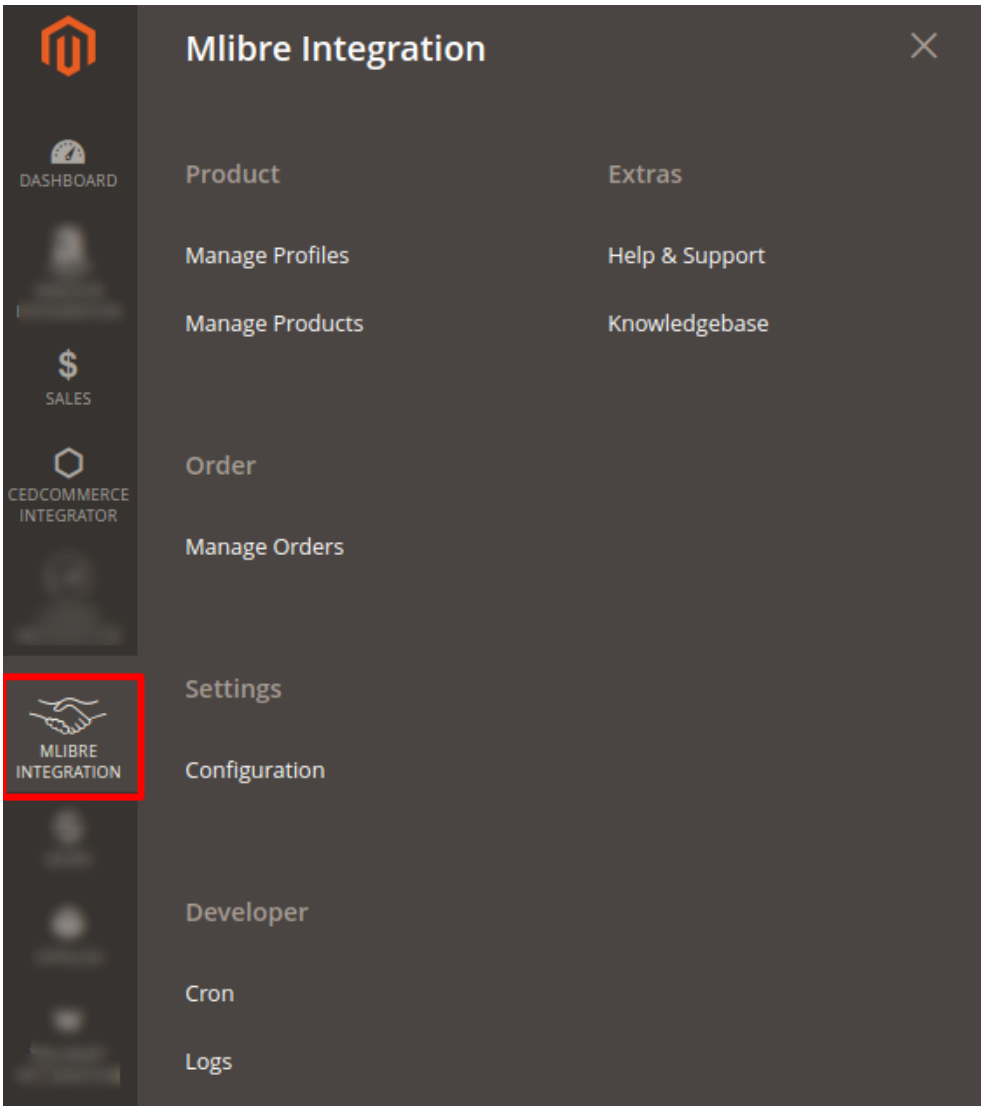
5.3. Submit Bulk Action on the Selected Products

Admin can perform the following tasks through the Bulk Action feature:

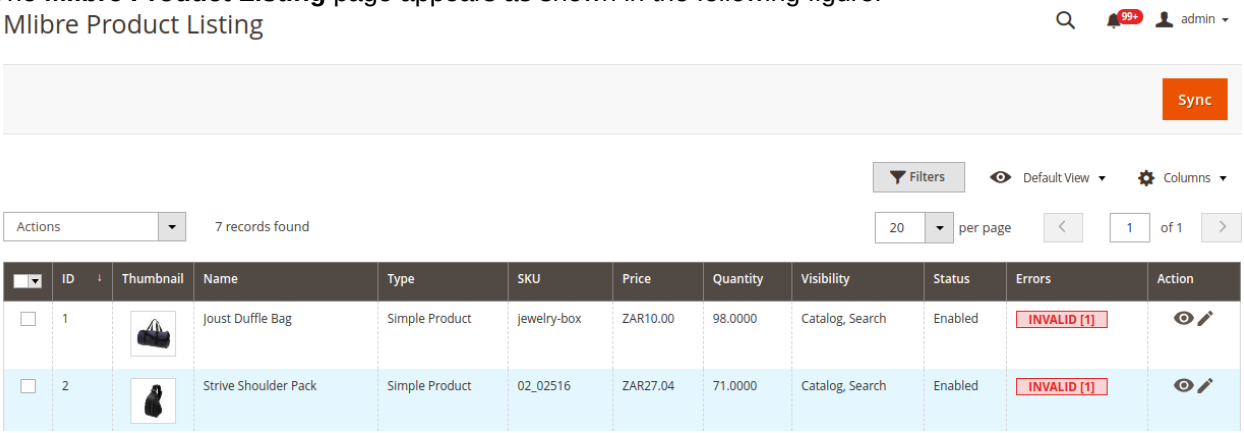
- **Upload Products**: To upload the selected products to the **Mercado Libre** website. If there is no error, then the selected products are uploaded, and a success message appears.
- **Upload Inventory**: To upload the inventories of the selected products to the **Mercado Libre** website. If there is no error, then the inventories of the selected products are uploaded, and a success message appears.
- **Upload Price**: To upload the prices of the selected products to the **Mercado Libre** website. If there is no error, then the prices of the selected products are uploaded, and a success message appears.
- **Delete Products**: Removes the selected products from the **Mercado Libre** website.

To submit the selected bulk action on the selected products

1. Go to the **Magento 2 Store Admin**
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu.
   A menu appears as shown in the following figure:

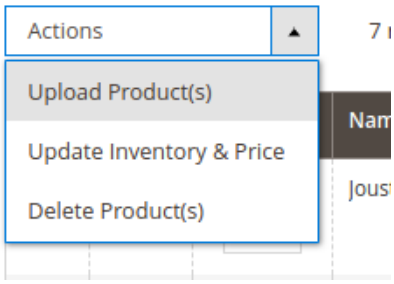


3. Click **Manage Products**.
   The **Mlibre Product Listing** page appears as shown in the following figure:



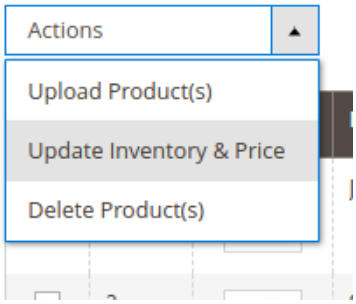
4. *To upload the selected products*, do the following steps:
   a. Select the check boxes associated with the required products.
   b. In the **Actions** list, click the arrow button.

A list appears as shown in the figure:



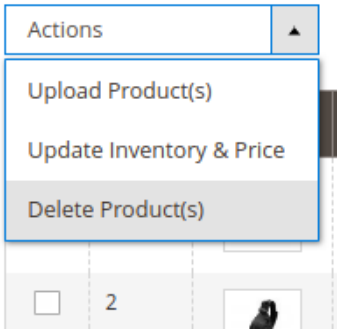
c. Select the **Upload Product(s)** option.
A confirmation dialog box appears.
d. Click the **OK** button.
The selected products are uploaded and a success message appears on the page.

5. *To upload the inventories of the selected products*, do the following steps:
a. Select the check boxes associated with the required products.
b. In the **Actions** list, click the arrow button.
A list appears as shown in the figure:



c. Select the **Upload Inventory** option.
A confirmation dialog box appears.
d. Click the **OK** button.
The inventories of the selected products are uploaded and a success message appears on the page.

6. *To delete the selected products*, do the following steps:
a. Select the check boxes associated with the required products.
b. In the **Actions** list, click the arrow button.
A list appears as shown in the figure:



c. Select the **Delete Product(s)** option.
   A confirmation dialog box appears.
d. Click the **OK** button.
   The selected products are deleted and a success message appears on the page.

6. Manage MercadoLibre Orders

Admin can do the following tasks while managing the MercadoLibre orders:

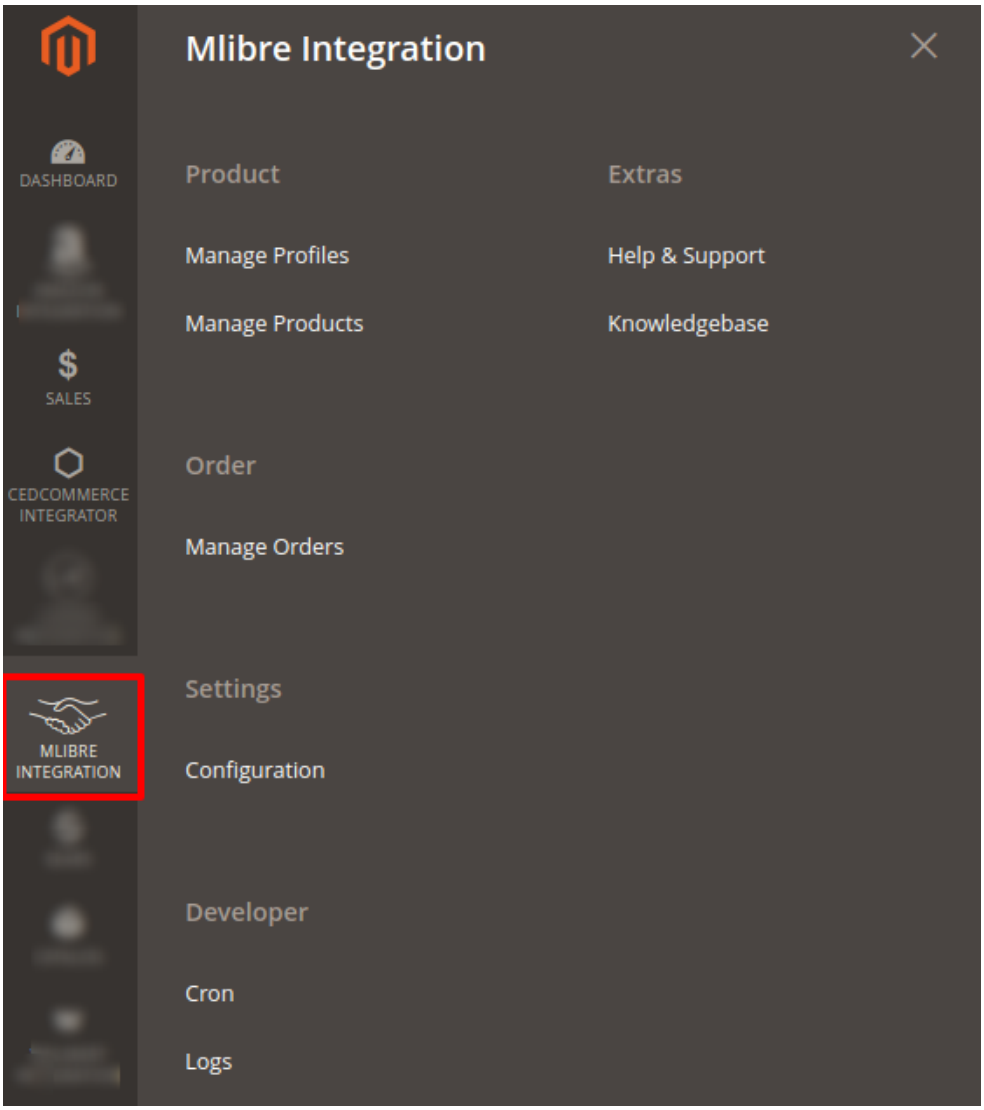
- Fetch, View, Ship, and delete the MercadoLibre Orders
- View and delete the Failed Orders

6.1. View, Edit, Ship and Delete the MercadoLibre Orders

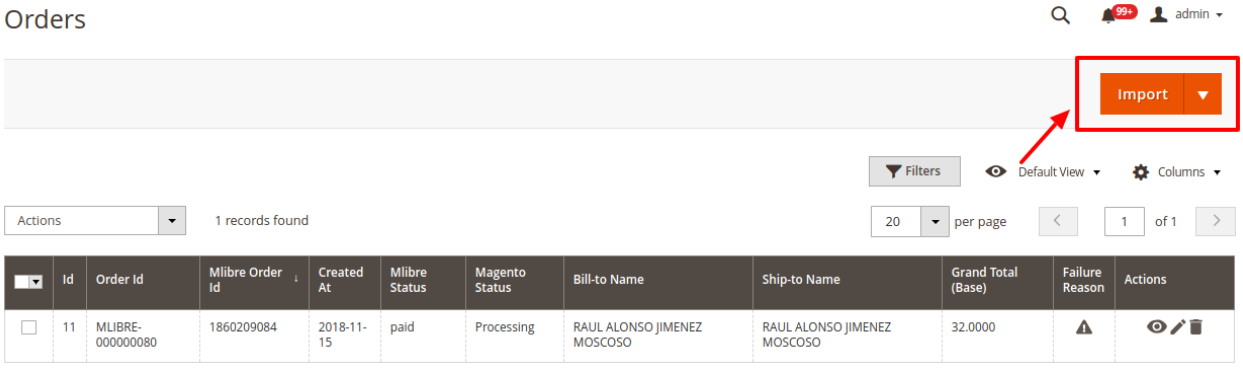
The Magento 2 store owners can fetch the new orders and view all the order details fetched from Mlibre. They can also ship the required orders and can delete the orders those are no more required.

To fetch and view new orders

1. Go to the **Magento 2 Store Admin** panel.
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu.
   The menu appears as shown in the following figure:



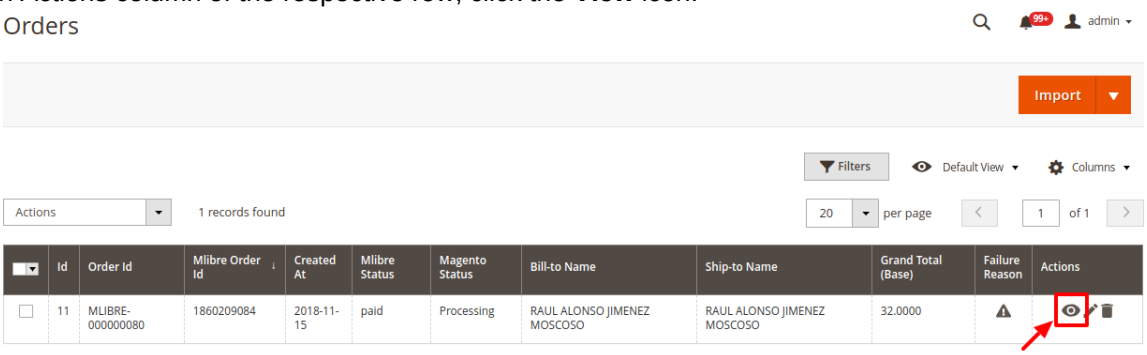
3. Click **Manage Orders**.
   The **Manage Mlibre Orders** page appears as shown in the following figure:



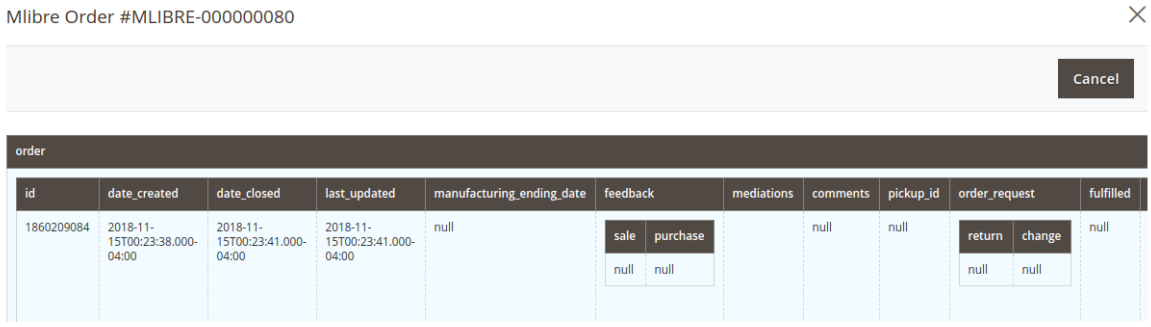
4. Click the **Import Orders** button.
   If the order is imported successfully then, a new record is found in the Orders Grid table as shown in the figure.
   Notes:

- Orders are automatically imported through CRON.
- Whenever the latest orders are imported from Mlibre, a Notification appears in the notification area of the Admin panel for those orders and they are Auto-Acknowledged as soon as they are imported in the Magento 2 store admin panel.
- If no order is imported, then check the Failed orders listed on the **Mlibre Failed Order** page.
- Order are auto-rejected on Mlibre in the following conditions:
  - When Mlibre Product SKU does not exist in Magento 2 store.
  - When Product is Out of Stock in Magento 2 store.
  - When a product is disabled in Magento 2 store.

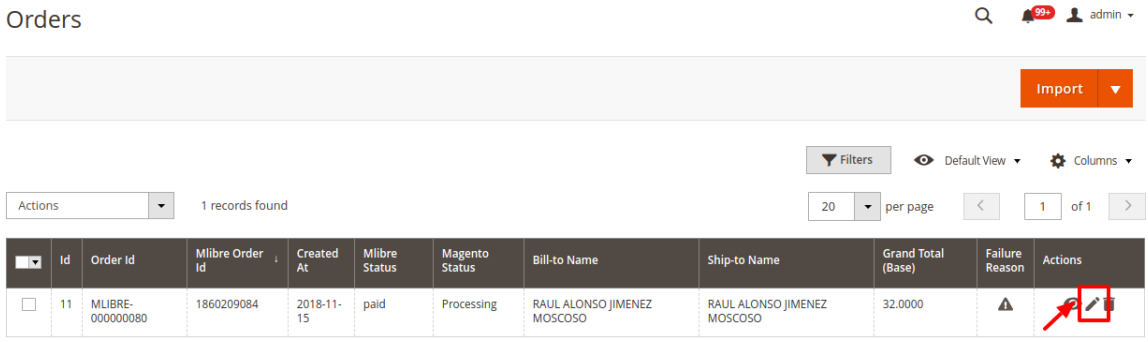
5. **To View the Mlibre order, do the following steps:**
   a. Scroll down to the required order row.
   b. In Actions column of the respective row, click the **View** icon.



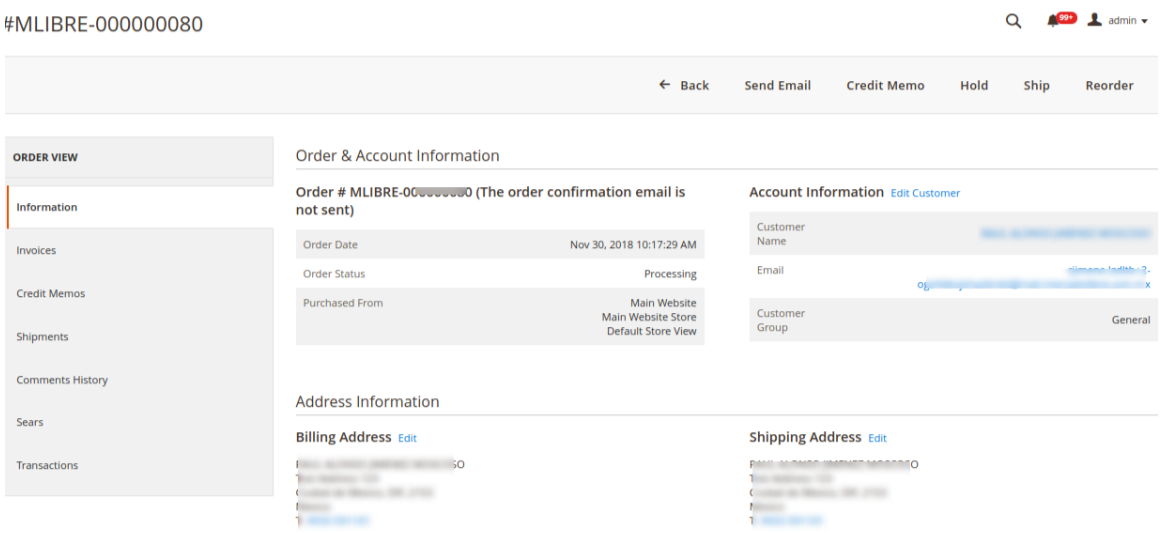
The specific order appears as shown:



6. **To edit the Mlibre order, do the following steps:**
   a. Scroll down to the required order row.
   b. In Actions column of the respective row, click the **Edit** icon.

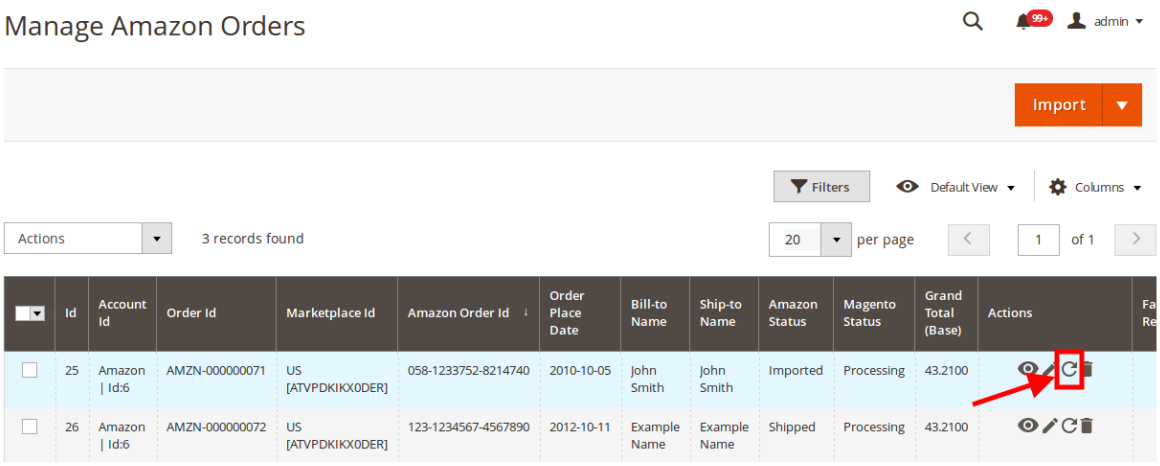


The order gets opened to be edited as shown below:



c. You may edit the customer details by clicking on **Edit Customer** button highlighted in the above image. Similarly, you may edit the **Address Information** under the corresponding field.

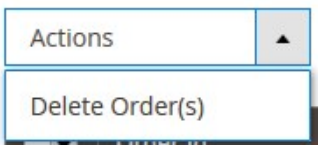
7. **To delete the Mlibre order, do the following steps:**
   a. Scroll down to the required order row.
   b. In Actions column of the respective row, click the **Delete** icon.



The specific order is synchronized and a success message appears.

To delete the Mlibre Orders in bulk

1. *To delete the selected Mlibre orders in bulk*, do the following steps:
   a. Select the check boxes associated with the orders those are no more required.
   b. Click the **Arrow** button next to the **Actions** list.
   A menu appears as shown in the following figure:

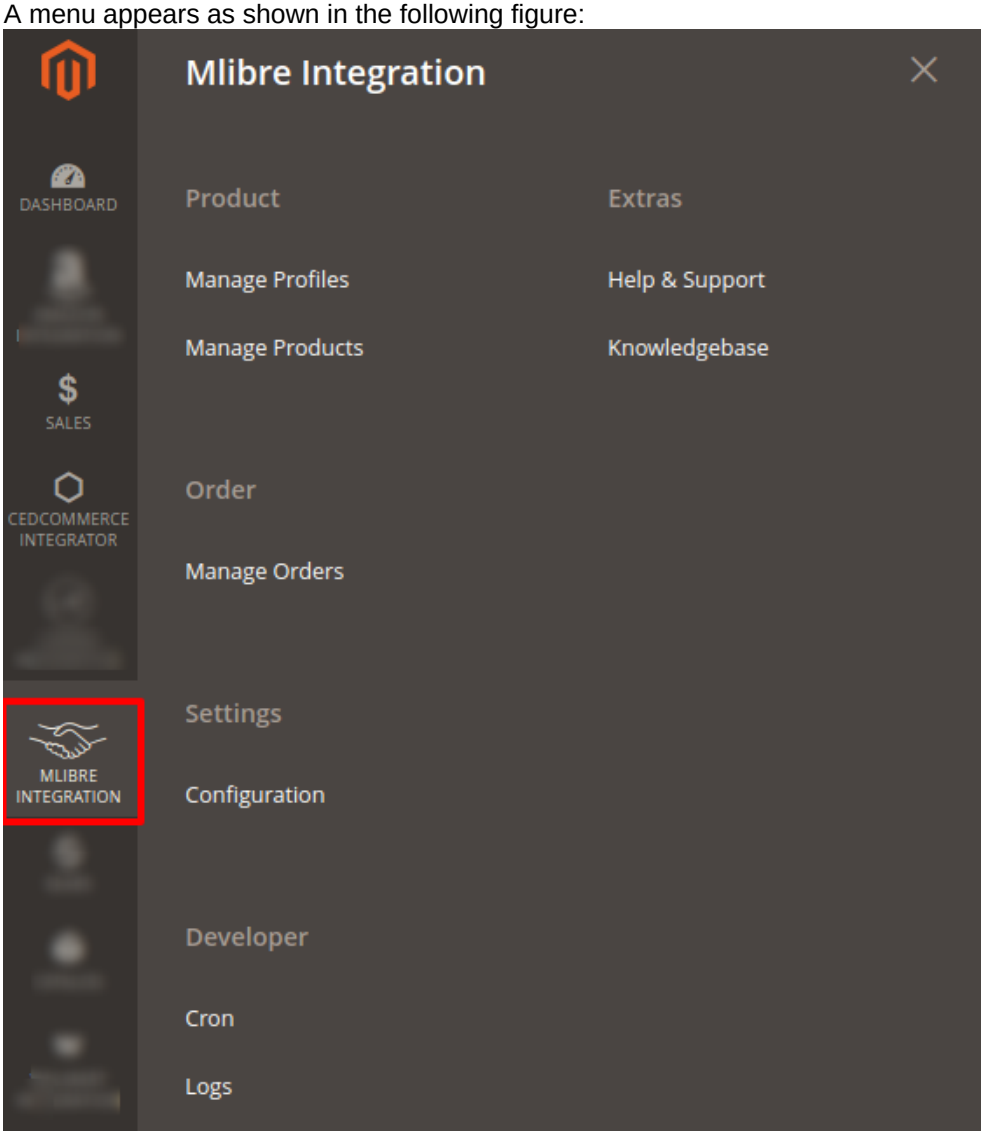


c. Click **Delete Order(s)**.
A confirmation dialog box appears.
d. Click the **OK** button.
The selected orders are deleted from the Mlibre Marketplace.

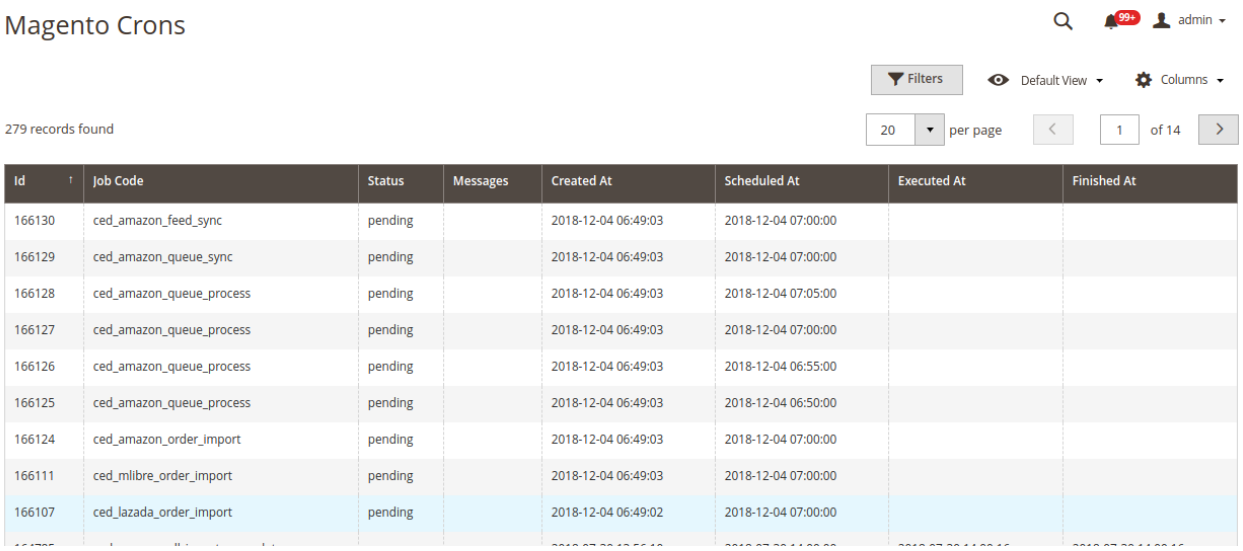
7. Cron Details

To view Catch Cron Details

1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu.
A menu appears as shown in the following figure:



3. Click **Cron Logs**.
The **Mlibre Cron** page appears as shown in the following figure:



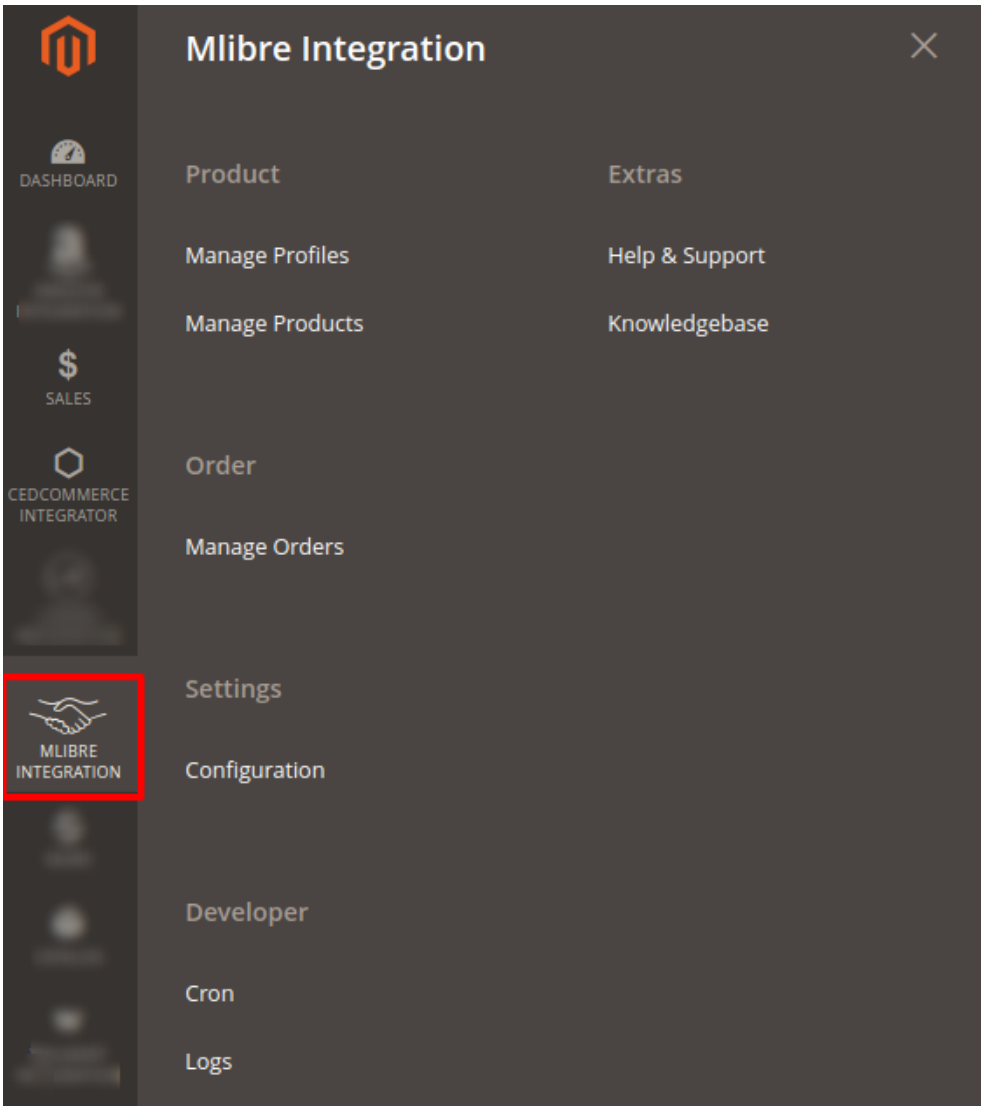
Id	Job Code	Status	Messages	Created At	Scheduled At	Executed At	Finished At
166130	ced_amazon_feed_sync	pending		2018-12-04 06:49:03	2018-12-04 07:00:00		
166129	ced_amazon_queue_sync	pending		2018-12-04 06:49:03	2018-12-04 07:00:00		
166128	ced_amazon_queue_process	pending		2018-12-04 06:49:03	2018-12-04 07:05:00		
166127	ced_amazon_queue_process	pending		2018-12-04 06:49:03	2018-12-04 07:00:00		
166126	ced_amazon_queue_process	pending		2018-12-04 06:49:03	2018-12-04 06:55:00		
166125	ced_amazon_queue_process	pending		2018-12-04 06:49:03	2018-12-04 06:50:00		
166124	ced_amazon_order_import	pending		2018-12-04 06:49:03	2018-12-04 07:00:00		
166111	ced_mlibre_order_import	pending		2018-12-04 06:49:03	2018-12-04 07:00:00		
166107	ced_lazada_order_import	pending		2018-12-04 06:49:02	2018-12-04 07:00:00		

8. Activity Logs

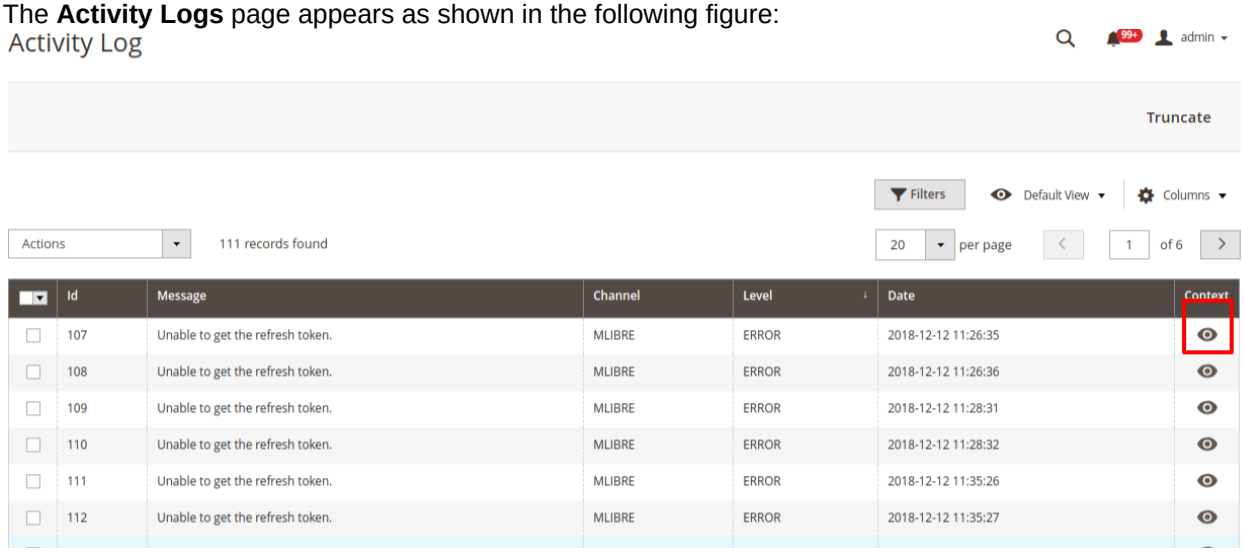
The Magento 2 store owners can view and manage the Mlibre Activity logs.

To view the Mlibre activity logs

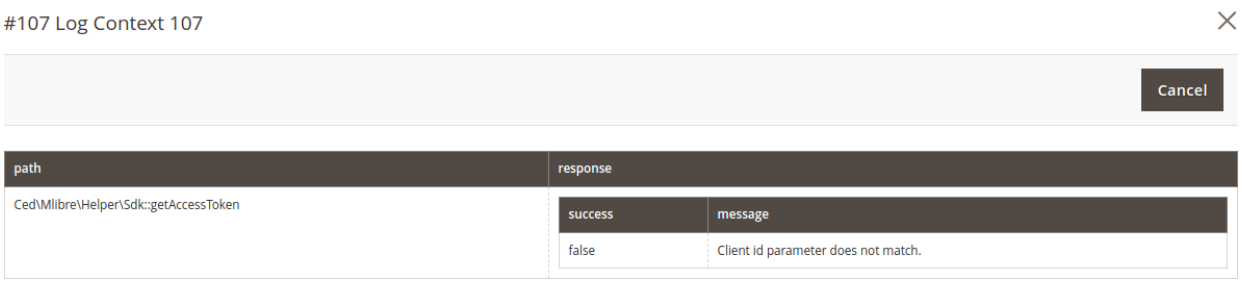
1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu.
   The menu appears as shown in the following figure:



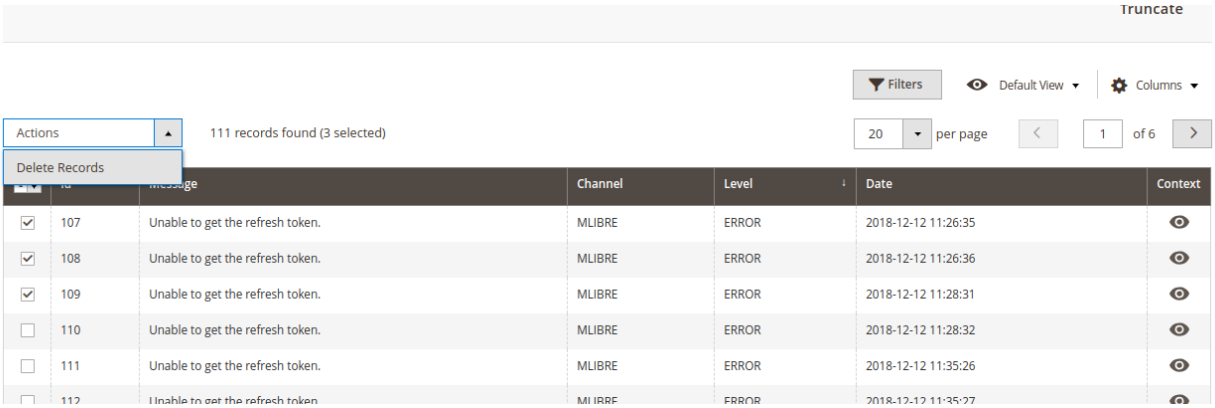
3. Click **Activity Logs**.
   The **Activity Logs** page appears as shown in the following figure:



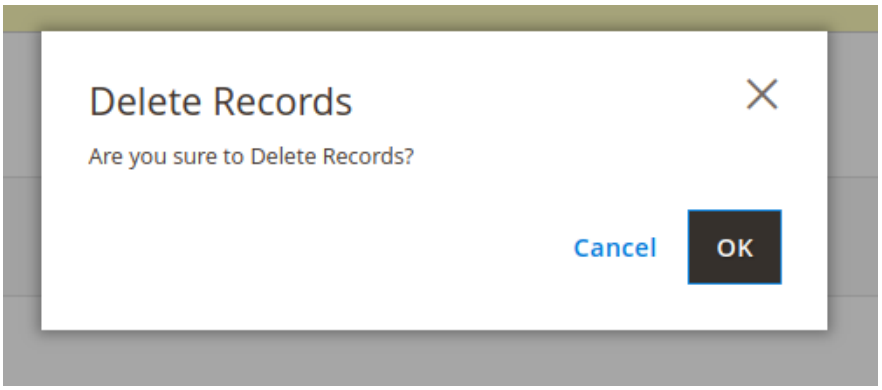
   All the Mlibre Activity logs records are listed on this page.
4. To **view** the records click on the view button on the right.



5. To Delete a Log, Select the log and click on **Actions**



6. Click on delete Record.

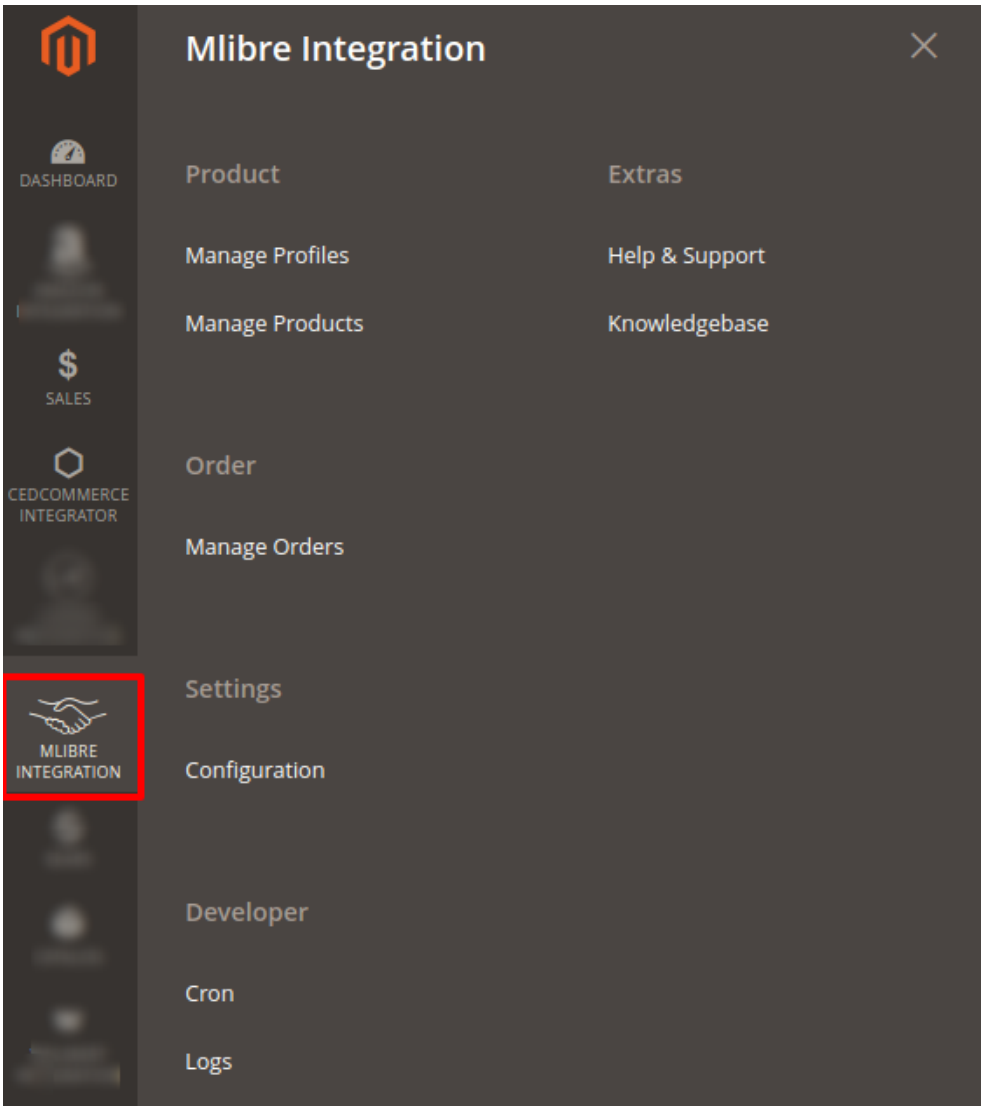


Click **OK** and the log is deleted.

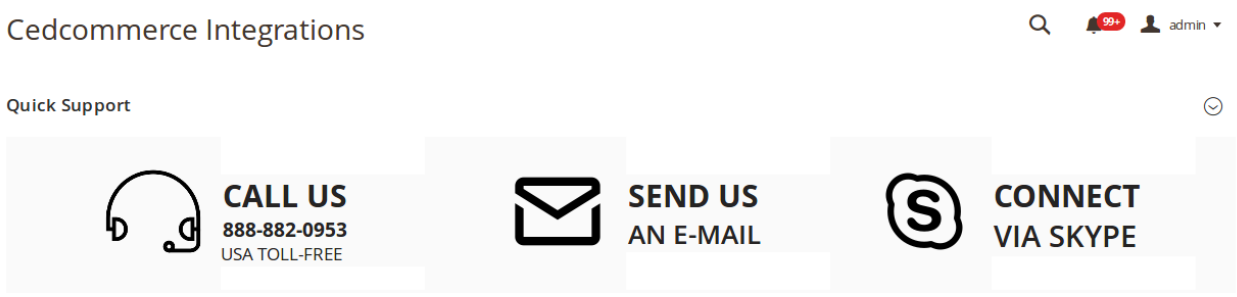
9. Help And Support

To view Help and Support

1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click the **MLIBRE INTEGRATION** menu.
   A menu appears as shown in the following figure:



3. Click **Help and Support**.
   The **Mlibre Help and Support** page appears as shown in the following:



4. On this page, the admin has the option to contact us via call, sending an email, or by getting connected with us on Skype.

10. Knowledge Base