

AliExpress Magento Integration User Manual

by CedCommerce Products Documentation

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1. Overview

AliExpress is a popular online store where items are purchased at far cheaper prices than other marketplaces. Founded in 2010 and owned by Alibaba, a major Chinese multinational corporation concentrating on e-commerce and computing, the store is one of the largest internet companies in the world.

AliExpress Magento Integration by CedCommerce is an eCommerce solution that integrates your Magento store with the AliExpress marketplace. This multichannel selling extension establishes a real-time synchronization between the store and hence make the selling hassle-free. To give sellers a simplified and automated selling experience AliExpress Magento integration is comprised of the various exclusive features.

Key Features:

- **Profile Based Category Mapping:** Admin can create the profile and then based on those profiles the categories can be mapped.
- **Bulk Upload:** The admin can upload any number of products in just a single click making it effortless.
- **Realtime Synchronisation:** This integration automatically synchronizes product listing, orders, inventory and pricing at regular intervals.
- **Email Notification:** For any new order created, the admin is informed via an email about the orders.

2. API Creation Process

To Create AliExpress App

1. Register on AliExpress Account.
2. Then Goto the link: <https://developers.aliexpress.com/en/doc.htm?docId=108970&docType=1> (<https://developers.aliexpress.com/en/doc.htm?docId=108970&docType=1>)

The window will open as:

The screenshot shows the AliExpress Developer documentation page. The navigation menu on the left includes: Developing documentation, Overall flow, Register as a Seller, Register as a Developer & Apply, SDK Tutorials, Obtain access token, How to Invoke API, Business API guide(Important), and API list. The main content area is titled 'Overall flow' and includes the following steps:

- Step 1: Register into the AliExpress Platform**
 - Step 1.1: Register as a Seller.** Note that it might be possible to access with a Buyer account, but the system will not allow creating an application without a Seller account.
 - Step 1.2: Register as a Developer.** In order to create an application, it is first needed to register as a Developer. Once completed you'll be able to complete the App creation.
- Step 2: Begin technical integration**
 - Step 2.2: Obtain access token (session key).** Remember the expiration date depends on the type of developer account: **Self-Developer** lasts a year, while **Commercial-Developer** only lasts a month.
 - Step 2.1: SDK Download & Use Example.** Note that there is more information and examples under the list "API List".
 - Step 2.3: How to invoke API (HTTP).** Eventhough it is technically possible to call the API directly. We encourage the use of our SDK.
 - Step 2.4: Begin business API integration**

3. Now your first need to register as a seller. So Click on **Register as Seller**. Fill out all the required details and you will be registered as an AliExpress seller.

- After the seller account creation, you need to create a Developer Account. For this **Click on Developer Account**.
- Once the developer account is created you need to login to your developer's account and create the app. For creating App, go to the link: https://console.aliexpress.com/?spm=a219a.7386653.0.0.6ee89b718jwe70#/app/manager?spm=a219a.7386653.0.0.6ee89b718jwe70&_k=zjhns(https://console.aliexpress.com/?spm=a219a.7386653.0.0.6ee89b718jwe70#/app/manager?spm=a219a.7386653.0.0.6ee89b718jwe70&_k=zjhns)
- Once the app is created you can see your **App Key** and **Secret Key**.

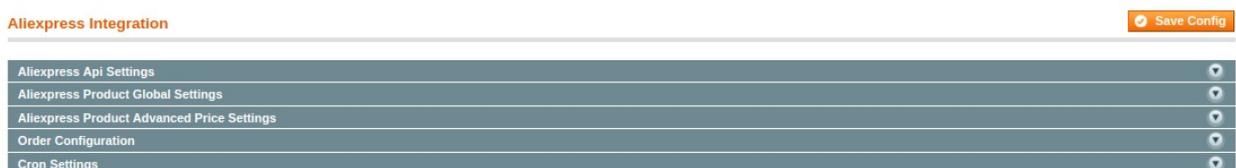
3. Configuration

To Set up Configuration Settings

- Go to the **Magento Admin Panel**.
- On the top navigation bar, go to the **AliExpress** menu.
The menu appears as shown in the following figure:



- Click on **Configuration**.
The **Configuration** page appears as shown below:



- Click the **Aliexpress Api Settings** tab.
The tab is expanded as shown below:

Aliexpress Api Settings		
Enabled	<input type="text" value="Yes"/>	[WEBSITE]
App key	<input type="text"/>	[GLOBAL]
	▲ Please fill the aliexpress app key (Some time call client id)	
Secret key	<input type="text"/>	[GLOBAL]
	▲ Please fill the aliexpress Secret key (Some time call Client secret)	
Redirect uri	http://192.168.1.225/Magento/1.9.4/index.php/aliexpress/index	[GLOBAL]
	▲ Please fill this Redirect uri (Ex: http://yourdomainname.com/aliexpress/index) in your aliexpress account	
	<input type="button" value="Get Code"/>	[STORE VIEW]
	<input type="button" value="Get Token"/>	[STORE VIEW]
Access Token	<input type="text"/>	[GLOBAL]
	▲ Please fill the aliexpress Access Token You can get Access Token when click on Get token Button after save the App key and Secret key.	
Refresh Token	<input type="text"/>	[GLOBAL]
	▲ Please fill the aliexpress Refresh Token You can get Access Token when click on Get token Button after save the App key and Secret key.	
Default payment method	<input type="text" value="--Please Select--"/>	[GLOBAL]
	▲ Choose a default payment method for aliexpress.com orders.	
Default shipping method	<input type="text"/>	[GLOBAL]
	▲ Choose a default shipping method for aliexpress.com orders.	
Email Id to Recive Critical Notifications	<input type="text"/>	[GLOBAL]
	▲ Get Email When you need to know something.Example: owner@example.com	
Aliexpress Debug Mode	<input type="text" value="No"/>	[GLOBAL]
	▲ Enable It to Turn On Logging.	
Aliexpress Customer Email	<input type="text"/>	[GLOBAL]
	▲ Enter the Email for which customer will be created for Aliexpress Orders.	
Aliexpress Order ID Prefix	<input type="text"/>	[GLOBAL]
	▲ Aliexpress OrderId Prefix (Ex WM-)	

5. Under **AliExpress Api Settings**, do the following steps:

- In **Enabled**, select **Yes** to enable the extension.
- In the **App Key**, copy and paste the app key here that was generated during **App creation**.
- In the **Secret Key**, copy and paste the secret key here that was generated during **App creation**.
- In the **Redirect Url**, copy this Url in your Aliexpress account.
- Click on **Get Code** button to get the code.
- Click on the **Get Token** button, and a new page will be opened where access and refresh tokens will be generated.
- Then in the **Access Token** and **Refresh Token** fields paste the tokens generated in the previous step.
- In **Default Payment Method** select the payment method from the dropdown menu you want as default.
- In **Default Shipping Method**, select the Shipping method from the menu.
- In **Email Id to Receive Critical Notifications**, enter the mail id on which you wish to receive notifications.
- In **Aliexpress Debug mode**, select Yes if want to enable logging
- In **Aliexpress Customer Email**, enter the mail for which the customer will be created.
- In **Aliexpress Order Id Prefix**, enter the prefix id for the order.

6. Now scroll and click on **Aliexpress Product Global Settings**.

The tab is expanded as:

7. Under **Aliexpress Product Global Settings**, do the following steps:

- In the **Select store**, select the default store view from the dropdown menu.
- In **Aliexpress Swatches**, select **Yes** to enable Swatch images.
- In **Shipping Settings**, set the Shipping region and shipping method.
- In **Auto Image Resizing**, select **Yes** if you want to automatically resize the images.
- In **Feed Size**, enter the number of items to be sent to Aliexpress.
- In **Upload Chunk Size**, enter the number of chunk size for product upload.
- In **Inventory Chunk Size**, enter the chunk size for uploading the product inventory.
- In **Price chunk Size**, enter the Chunk Size for Product Price.

8. Scroll down and click on **Aliexpress Product Advanced Price Settings**.

The tab expands as shown below:

9. Under **Aliexpress Product Advanced Price Settings**, do the following steps:

- In the **Aliexpress Product price**, select the required option. This is to set a different price for all the products as shown in the following figure:
 - **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 Aliexpress product price by the entered value % of Magento price
For Example: Magento price + 5% of Magento price.
Magento Price = 100
Select Increase By Fixed Percentage option
Modify by Percentage Price = 5
 $100 + 5\% \text{ of } 100 = 100 + 5 = 105$

Thus, Aliexpress 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 Aliexpress product price by the entered value % of Magento price

For Example: Magento price – 5% of Magento price.

Magento Price = 100

Select Decrease By Fixed Percentage option

Modify by Percentage Price = 5

$100 - 5\% \text{ of } 100 = 100 - 5 = 95$

Thus, Aliexpress Product Price = 95

- In **Fulfilment Lag Time**, enter the lag time.

10. Now scroll down to **Order Configuration**.

The tab is expanded as:

The screenshot shows the 'Order Configuration' tab with the following settings:

- Buyer Login Id:** test [GLOBAL]
- Fetch Order Status:** [WEBSITE]
- Create Date End:** [GLOBAL] (create date end time.It's US pacific time 2017-10-12 12:12:12)
- Create Date Start:** [GLOBAL] (create date start time.It's US pacific time 2017-10-12 12:12:12)
- Modified Date Start:** [GLOBAL] (modified date start time.It's US pacific time 2017-10-12 12:12:12)
- Modified Date End:** [GLOBAL] (modified date end time.It's US pacific time 2017-10-12 12:12:12)
- Page Size:** 20 [GLOBAL] (Page Size To Fetch Order)
- Create Orders for Out of Stock Products:** No [WEBSITE]
- Create Orders for Disabled Products:** No [WEBSITE]
- Use Quote method to create Orders:** No [WEBSITE] (Select this yes , if you face any issues with 3rd party modules in error creation.)
- Carrier Mapping:** Add Mappings [GLOBAL] (Enter Tracking Carrier and Tracking URL)

11. Under **Order Configuration**, do the following steps:

- In **Buyer Login Id**, enter the login id of the customer.
- In **Fetch Order Status**, enter the order status.
- In **Create Date End**, enter the end date.
- In **Create Date Start**, enter the start date.
- In **Modified Date Start**, enter the modified start date.
- In **Modified Date End**, enter the modified end date.
- In the **Page Size**, enter the page size to fetch order.
- In **Create Orders for Out of Stock Products**, select **Yes** if you want the order to be created when the stock is finished.
- In **Create Orders for Disabled Products**, select **Yes** if you want to create orders for the disabled products.
- In **Use Method to Create to Create Orders**, select **Yes** if you face any issues with third-party modules.
- In **Carrier Mapping**, add mapping of tracking carrier and tracking URL.

12. Now Scroll down and click on **Cron Settings**.

The tab is expanded as:

Cron Settings		
Cron Settings Override	<input type="text" value="No"/>	[WEBSITE]
Enable Order Cron	<input type="text" value="Yes"/> ▲ Order Cron Enable/Disable	[WEBSITE]
Enable Order Status Sync Cron	<input type="text" value="No"/> ▲ Order Cron Status Sync Enable/Disable	[WEBSITE]
Enable Inventory Cron	<input type="text" value="Yes"/> ▲ Inventory Cron Enable/Disable	[WEBSITE]
Enable Price Cron	<input type="text" value="Yes"/> ▲ Price Cron Enable/Disable	[WEBSITE]

13. Under **Cron Settings**, do the following steps:
 - In **Cron Settings override**, select **Yes** if you wish to override the cron settings.
 - In **Enable Order Cron**, select **Yes** to enable the orders cron.
 - In **Enable Status Sync Cron**, select **Yes** if you want to enable the status syncing cron.
 - In **Enable Inventory Cron**, select **Yes** to enable the inventory cron.
 - In **Enable Price Cron**, select **Yes** if you want to enable the Price Cron.
14. Click on **Save Config** button on the top right side.
The configuration will be saved.

4. Manage Profiles

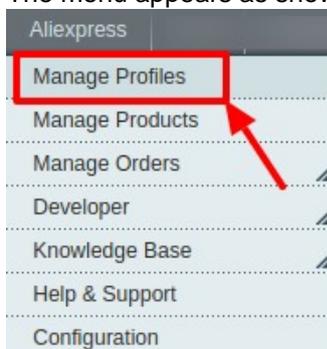
To Manage Profiles, admin can do the following tasks:

1. Add a New Profile
2. Edit Existing Profile
3. Delete the Profile
4. Change Status of Profile

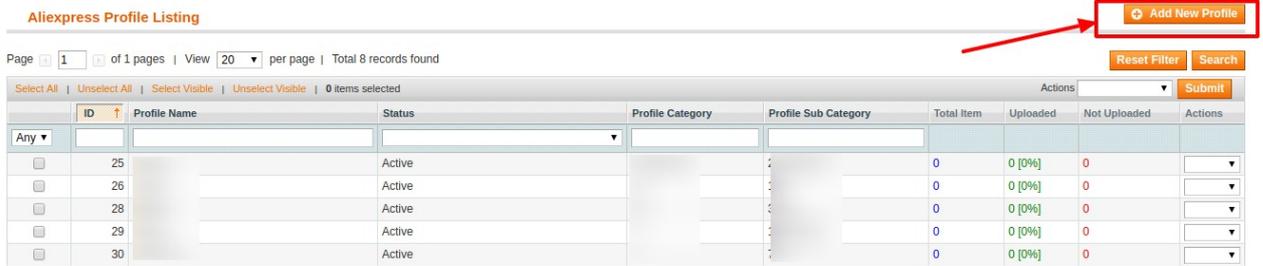
4.1. Add New Profile

To Add a New Profile

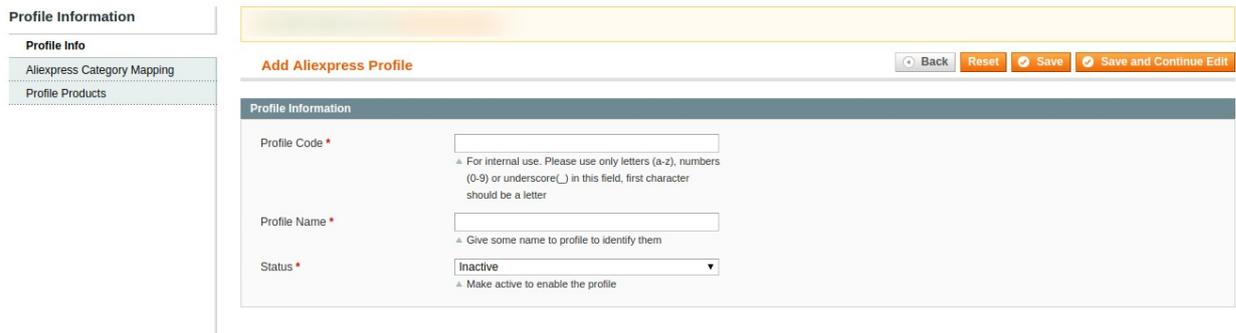
1. Go to the **Magento Admin Panel**.
2. On the top navigation bar, go to the **AliExpress** menu.
The menu appears as shown in the following figure:



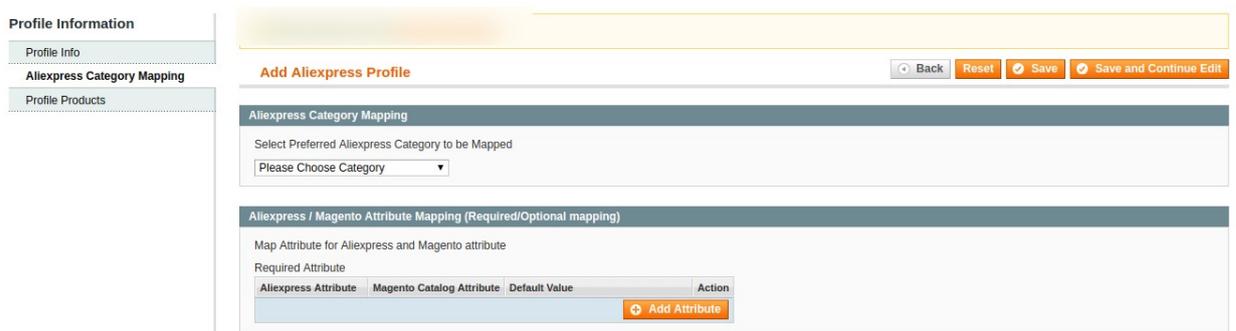
3. Click on **Manage Profiles**.
The **Manage Profile** page appears as shown below:



4. Click on **Add New Profile**.
The **Add New Profile** Page as shown below:

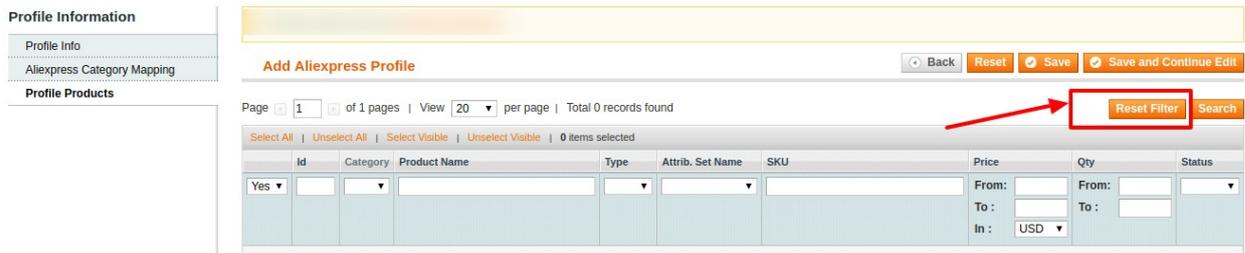


5. In the right panel, under **Profile Information**, do the following steps:
 - In the **Profile Code** box, enter a profile code.
Note: It is only for internal use. Use the unique profile code with no spaces. Start with small letters.
 - In the **Profile Name** box, enter the name of the profile.
Note: Use the unique name to identify the profile.
 - In the **Status** list, select **Active** to enable the profile.
Note: The **Inactive** option disables the profile.
6. Click the **Save and Continue Edit** button.
7. In left navigation panel, click the **Aliexpress Category Mapping**.
The page appears as shown:



8. In the right panel, go to the **Aliexpress Category Mapping** and do the following steps:
 - In the **Category** list, select the required Aliexpress category that the admin wants to map.
 - Depending upon the selected category, the Aliexpress and the Magento attributes appear under the **Aliexpress/ Magento Attribute Mapping (Required/ Optional mapping)** section. Now you can map the Aliexpress Attributes to Magento attributes.
9. Click the **Save and Continue Edit** button.

- In left navigation panel, click the **Profile Products**.
The page appears as shown:



- Since no products are assigned to the profile, there are no products listed in the table.
- Click the **Reset Filter** button. All the products will be listed in the table.
- Click the **Save** button.
The created profile is saved and listed on the **Aliexpress Profile Listing** page.

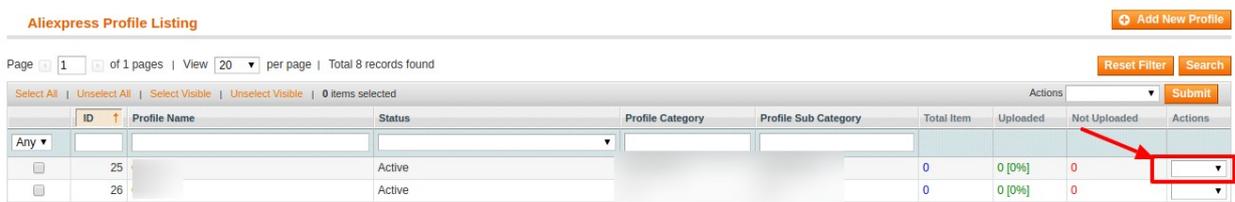
4.2. Edit a Profile

To Edit a Profile

- Go to the **Magento Admin Panel**.
- On the top navigation bar, go to the **AliExpress** menu.
The menu appears as shown in the following figure:



- Click on **Manage Profiles**.
The **Manage Profile** page appears as shown below:



- In the **Action** column, click the arrow button, and then click **Edit Profile**.
The **Edit Profile** page appears:

Profile Information

Profile Info

Aliexpress Category Mapping

Profile Products

Add Aliexpress Profile Back Reset Save Save and Continue Edit

Profile Information

Profile Code * ▲ For internal use. Please use only letters (a-z), numbers (0-9) or underscore(_) in this field, first character should be a letter

Profile Name * ▲ Give some name to profile to identify them

Status * ▲ Make active to enable the profile

5. Make the changes as per requirement.
6. Click the **Save** button.
The selected Profile will be edited.

4.3. Delete Profile

To Delete a Profile

1. Go to the **Magento Admin Panel**.
2. On the top navigation bar, go to the **AliExpress** menu.
The menu appears as shown in the following figure:



3. Click on **Manage Profiles**.
The **Manage Profile** page appears as shown below:

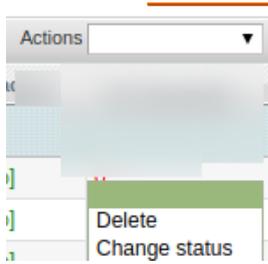
Aliexpress Profile Listing Add New Profile

Page 1 of 1 pages | View 20 per page | Total 8 records found

Select All | Unselect All | Select Visible | Unselect Visible | 0 items selected Reset Filter Search

	ID	Profile Name	Status	Profile Category	Profile Sub Category	Total Item	Uploaded	Not Uploaded	Actions
Any	25		Active			0	0 [0%]	0	
	26		Active			0	0 [0%]	0	

4. Select the checkboxes associated with the profiles those are no more required.
5. In the **Actions** list, select the **Delete** option, and then click the **Submit** button.



6. The selected profiles will be deleted.

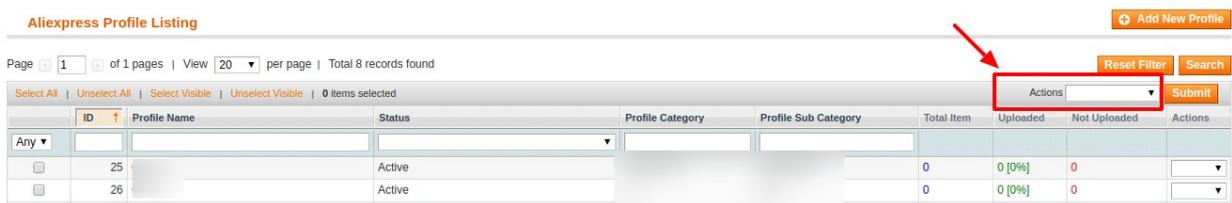
4.4. Change Status of Profile

To Change Status of Profile

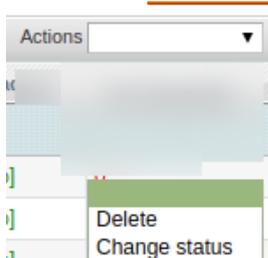
1. Go to the **Magento Admin** Panel.
2. On the top navigation bar, go to the **AliExpress** menu.
The menu appears as shown in the following figure:



3. Click on **Manage Profiles**.
The **Manage Profile** page appears as shown below:



4. Select the checkboxes associated with the profiles whose status you want to change.
5. In the **Actions** list, select the **Change Status** option, and then click the **Submit** button.



6. The status of the selected profiles will be changed.

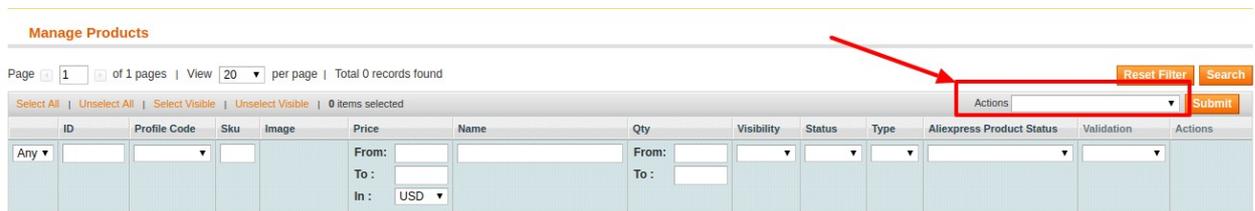
5. Manage Aliexpress Products

To Manage Products

1. Go to the **Magento Admin Panel**.
2. On the top navigation bar, go to the **AliExpress** menu.
The menu appears as shown in the following figure:



3. Click on **Manage Products**.
The **Manage Product** page appears as shown below:



4. In the **Actions** list, you will get various options to manage products.



5. Select the product and click on **Image(s) Upload**, to upload the images.
6. Select the product and click on **Validate & Upload Product(s)**, to validate and upload the product.
7. Select the product and click on **Update Selected Product(s)**, the selected products will be updated.
8. Select the product and click on **Product Price Update**, the price will of product will be updated.
9. Select the product and click on **Product Inventory Update**, the product inventory will be updated.
10. Select the product and click on **Delete Selected Product(s)**, the products will be deleted.

6. Manage Orders

To Manage Products

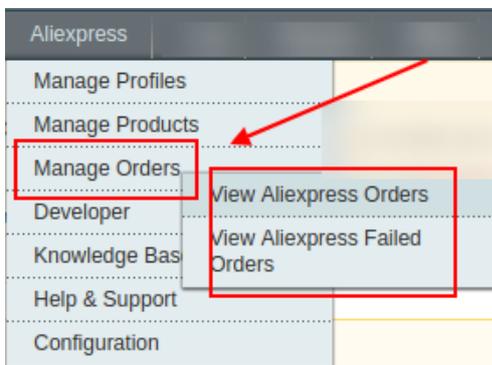
For managing the Aliexpress orders, admin can perform the following steps:

- View Aliexpress Orders
- View Aliexpress Failed Orders

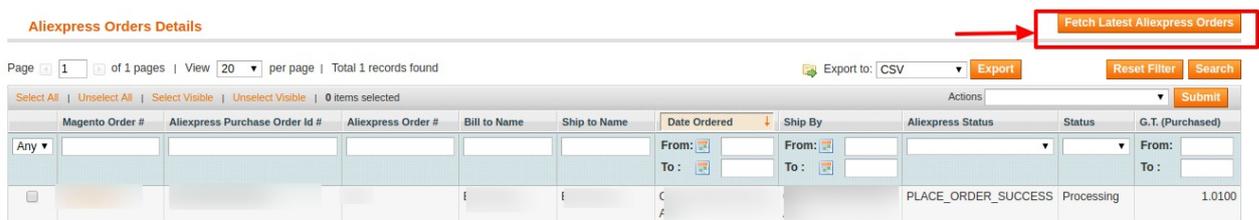
6.1. View Aliexpress Orders

To View Orders

1. Go to the **Magento Admin Panel**.
2. On the top navigation bar, go to the **AliExpress** menu.
The menu appears as shown in the following figure:



3. Click on **Manage Orders** and then on **View Aliexpress Orders**.
The **Aliexpress Order Details** Page appears as shown below:

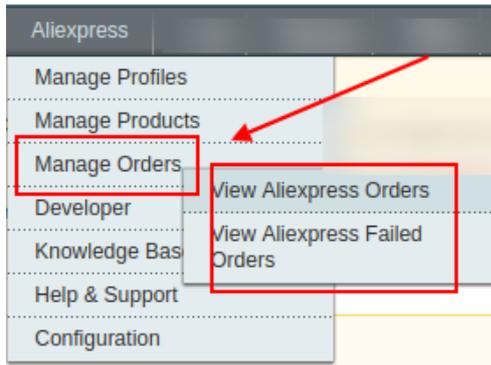


4. Click on **Fetch latest Aliexpress Orders** to fetch new orders.
5. The orders fetched will be displayed in the orders grid.

6.2. View Aliexpress Failed Orders

To View Failed orders

1. Go to the **Magento Admin Panel**.
2. On the top navigation bar, go to the **AliExpress** menu.
The menu appears as shown in the following figure:



3. Click on **Manage Orders** and then on **View Aliexpress Failed Orders**. The **Aliexpress failed Order Details** Page appears as shown below:



4. The failed orders will be displayed in the order grid.

7. Developer Options

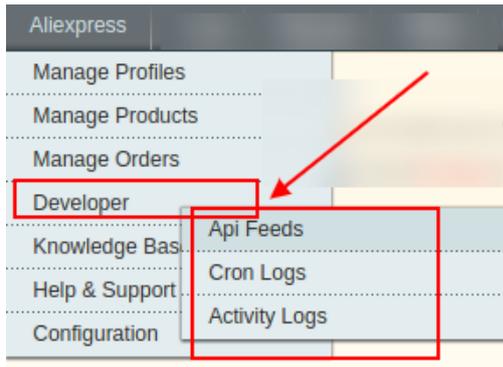
Under Developer Section admin can perform following actions:

1. Api Feeds
2. Cron Log
3. Activity Log

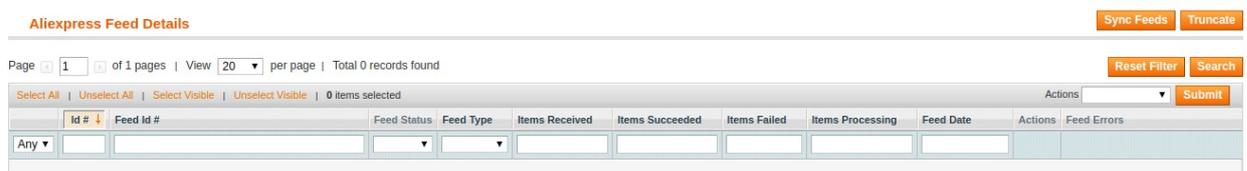
7.1. API Feed

To View Api feeds

1. Go to the **Magento Admin** Panel.
2. On the top navigation bar, go to the **AliExpress** menu. The menu appears as shown in the following figure:



3. Click on **Developer** and then **Api Feeds**.
The **Api Feeds** page appear as shown below:

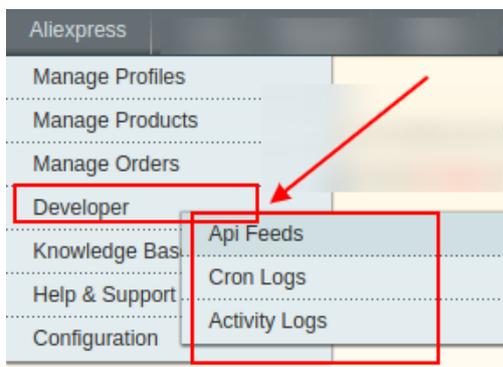


4. To synchronise the feeds click on **Sync Feeds** button.
The feeds will be synced.
5. To truncate the feeds, click on **Truncate** button.
The feeds will be truncated.

7.2. Cron Logs

To View Cron Logs

1. Go to the **Magento Admin Panel**.
2. On the top navigation bar, go to the **AliExpress** menu.
The menu appears as shown in the following figure:



3. Click on **Developer** and then **Cron Logs**.
The **Cron Logs** page appear as shown below:

Aliexpress Cron Details

Page 1 of 1 pages | View 20 per page | Total 0 records found Reset Filter Search

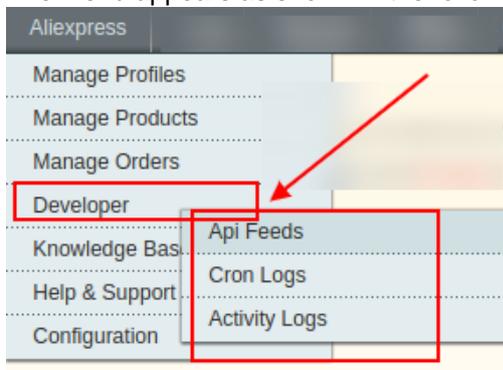
ID	Job Code	Status	Messages	Created At	Scheduled At	Executed At	Finished At
No records found.							

4. Admin can view the cron details on the page.

7.3. Activity Logs

To View Activity Logs

1. Go to the **Magento Admin Panel**.
2. On the top navigation bar, go to the **AliExpress** menu.
The menu appears as shown in the following figure:



3. Click on **Developer** and then **Activity Logs**.
The **Activity Logs** page appeared as shown below:

Aliexpress Log Details Truncate

Page 1 of 1 pages | View 20 per page | Total 0 records found Reset Filter Search

Select All | Unselect All | Select Visible | Unselect Visible | 0 items selected Actions Submit

Any	Id #	Log Type	Log Sub Type	Log Date	Log Comment
No records found.					

4. The logs will be displayed on this page
5. To truncate the logs, click on the **Truncate** button.
The logs will be truncated.