

Amazon Vendor Direct Fulfilment Integration for Magento 2

by CedCommerce Products Documentation

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1. Overview

The online platform used by manufacturers and distributors is Amazon Vendor Central. It helps vendors to concentrate on the most crucial thing that is selling, and Amazon itself takes care of the rest.

This Magento extension for Amazon Vendor Direct Fulfilment helps you in managing the purchase orders and Shipment through a single centralized dashboard. The orders are sent to the Amazon vendor to the Magento store and vice-versa.

Key Features:

- **Purchase Order:** The integration enables the vendors to fetch the purchase orders information through API to the Magento 2 admin panel.
- **Generation of Labels:** If an order is imported then for that order the label will be generated in Amazon.
- **Label Download Ability:** Enables you to easily download and print labels in bulk through the created zip file.
- **Automated Shipment:** When an order is marked shipped on Magento store then its status will automatically be marked as Shipped on Amazon also.

2. How to Install

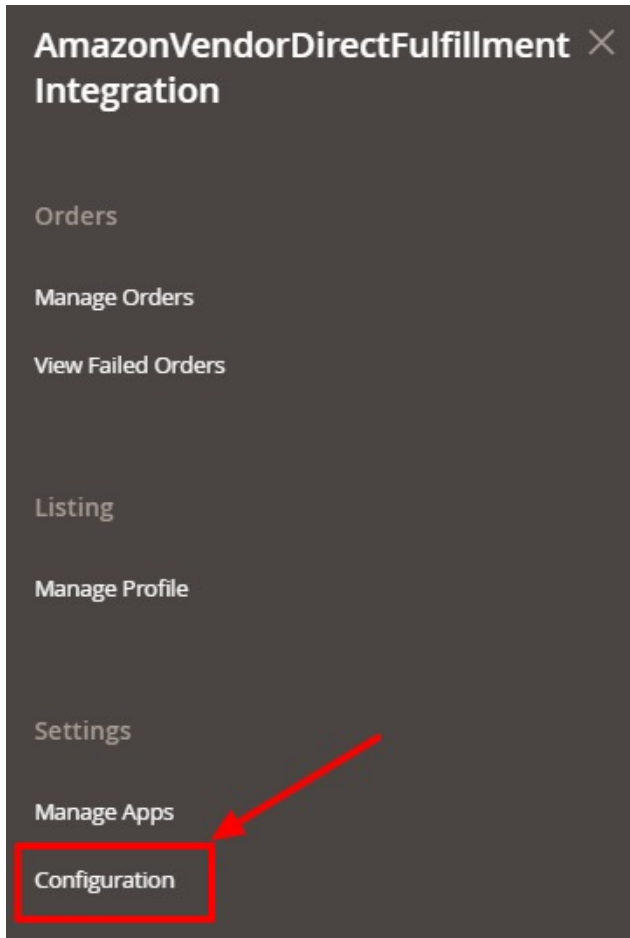
To install the extension

1. Log in to 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/Amazonvendordirectfulfillment* directory.
 - After successfully uploading the directory, the extension will be installed/upgraded.
 - Now to install SDK:
 - You have to download the *SDK Zip file* from the Cedcommerce account. Create a *ced* folder, and upload the SDK file under vendor folder.
 - Update *composer.json* file by adding the code written below under *autoload -> psr-4*
 “*Amazon\Sdk*”: “*vendor/ced/amazon-edi-sdk/amazon-sdk/src*”,
 - Download the Integrator from Cedcommerce account and put it inside the *app/code/Ced* folder
 - Now run the following upgrade command in *cmd composer dump*
php bin/magento setup:upgrade
php bin/magento di:compile
php bin/magento setup:static-content:deploy -f
php bin/magento cache:flush

3. Configuration

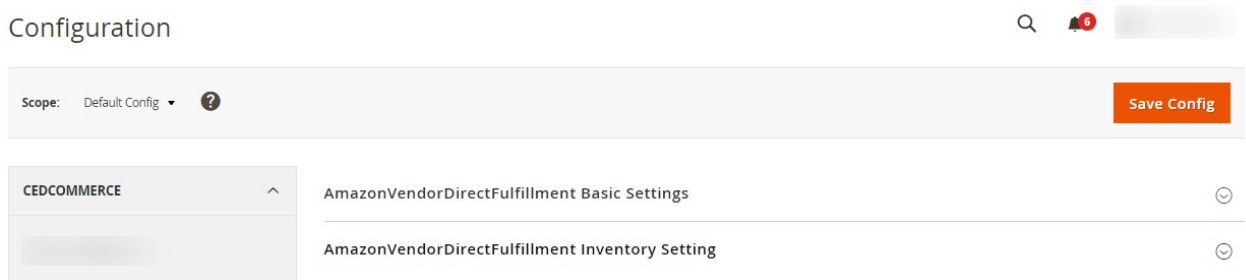
To Configure Settings,

1. Go to the **Magento 2 Admin Panel**.
2. On the left navigation bar, click **Amazon Vendor Direct Fulfilment Integration**.
The menu appears as shown in the following figure:



3. Click on **Configuration**.

The **Amazon Direct Fulfillment configuration page** appears shown below:



4. Click on **AmazonVendorDirectFulfillment Basic Settings**, the section is expanded as shown below:

AmazonVendorDirectFulfillment Basic Settings



Test Mode <small>[global]</small>	<input type="text" value="No"/>	
AWS Access Key <small>[global]</small>	<input type="text"/>	
AWS Secret Key <small>[global]</small>	<input type="text"/>	
Use ASN Generation <small>[global]</small>	<input type="text" value="No"/>	
Maven Parser Path <small>[global]</small>	<input type="text"/>	

- Under **AmazonVendorDirectFulfillment Basic Settings**, do the following steps:
 - In **Test Mode**, select **Yes** to enable the testing mode of the API.
 - In **AWS Access Key**, enter AWS access key from the Amazon vendor panel.
 - In **AWS Secret key**, enter the secret key from the Amazon Vendor Panel.
 - In **Use ASN Generation**, select **Yes** to enable the Automatic Shipment Notifications for the order information, product description, etc.
 - In **Maven Parser Path**, enter the Absolute path of maven directory from your server that is publically accessible for EDI file conversion. Once you have done this our developer will install it further.
- Now click on **AmazonVendorDirectFulfillment Inventory Settings**, the section is expanded as:

AmazonVendorDirectFulfillment Inventory Setting



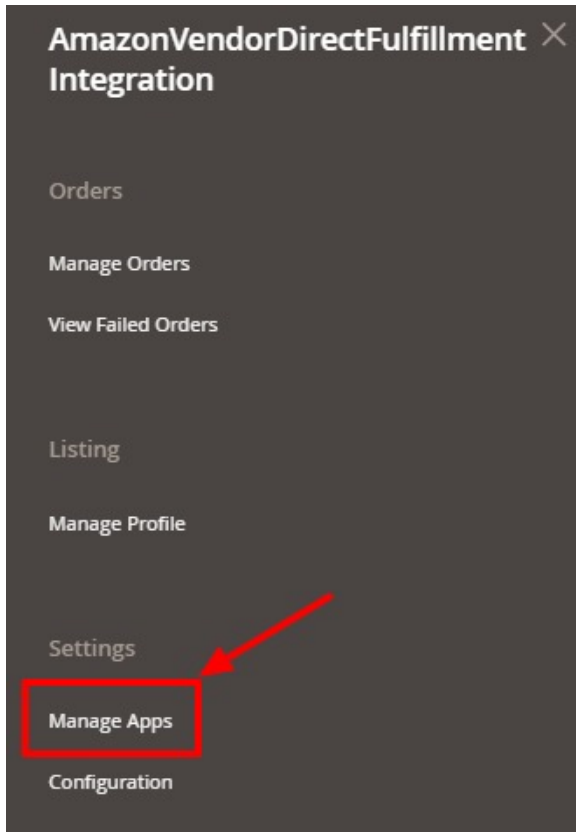
Amazon Product Attribute <small>[global]</small>	<input type="text" value="Select Attribute"/>	
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- Under **AmazonVendorDirectFulfillment Inventory Settings**, do the following steps:
 - In **Amazon Product Attribute**, select the product attribute from the dropdown list.
- Click on **Save Config**.
The configuration will be saved.

4. Manage Apps

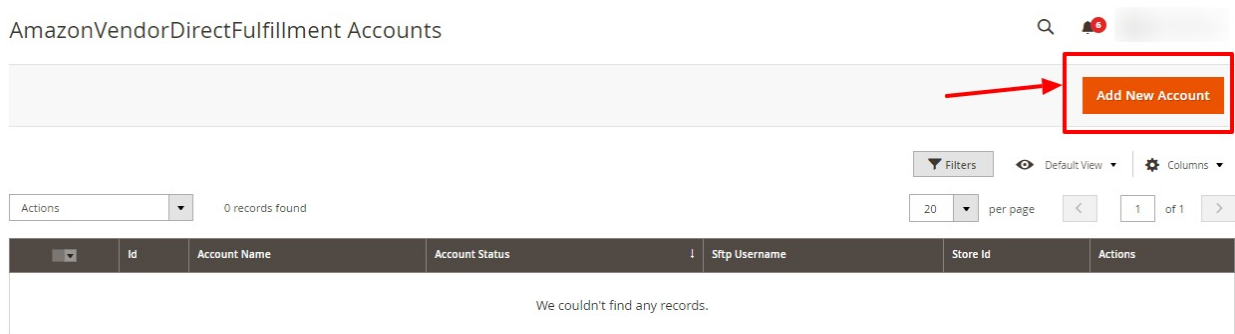
To Manage Accounts,

- Go to the **Magento 2 Admin Panel**.
- On the left navigation bar, click **Amazon Vendor Direct Fulfillment Integration**.
The menu appears as shown in the following figure:



3. Click on **Manage Apps**.

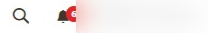
The **AmazonVendorDirectFulfillment Accounts** page appears as shown below:



4. To create a new account, click on **Add New Account**.

The **New Account** tab opens as shown:

Add Account



← Back Save

Account Information

Account Name *

Account Status * Enable ▾

Sftp Host Name *

Private Key *

SFTP Username * Validate

- Store ⌵

- Uploading ASN Details ⌵

- API Details ⌵

5. Under the **Account Information** section, do the following steps:
 - In the **Account Name**, enter the name of the Account.
 - In **Account Status**, select the status of the account by Enabling or Disabling it.
 - From Amazon Vendor Central enable the direct fulfillment message to enter the detail of **Sftp Host Name**.
 - Enter the **Private Key** from the Vendor Central.
 - Also, enter the **SFTP Username** from the Vendor Central. and click on **Validate** for the validation of the details.
6. No click on **Store** and the section expands as:

Store ⌵

Default Store * default ▾ ?

- In the **Default Store** select the default store view.
7. Scroll down to the section **Uploading ASN Details**, it is expanded as:

Uploading ASN Details

SFTP Username for Upload *

Private Key ASN *

Sftp Host Name *

- In the **SFTP Username for Upload**, enter the SFTP username for the ASN Notifications that will be generated through API.
 - In **Private Key ASN**, enter the private key of ASN.
 - In **SFTP Host Name**, enter the hostname.
- Note:** All these details can be fetched from the Amazon Vendor Central by clicking here: [https://vendorcentral.amazon.com/\(https://vendorcentral.amazon.com/\)](https://vendorcentral.amazon.com/(https://vendorcentral.amazon.com/))

8. Now click on section **API Details**, it is expanded as:

API Details ⊖

API Client Id *

Refresh Token *

API Client Secret *

- In **API Client Id**, enter the client id from the vendor panel.
- In **Refresh Token**, enter the token generated in your vendor panel.
- In **API Client Secret**, enter the secret key.

9. Click on **Save** to create a new account.


To Edit the Account,

1. On the Amazon Vendor Direct Fulfilment Accounts page, click the **Edit** button in Actions for the account which you want to edit.

[Add New Account](#)

Filters | Default View | Columns

Actions | 1 records found | 20 per page | 1 of 1

<input type="checkbox"/>	Id	Account Name	Account Status	Sftp Username	Store Id	Actions
<input type="checkbox"/>	1		Enable		43	

2. The page will appear as:

Edit Account 🔍 99

← Back Save

Account Information

Account Name *

Account Status * Enable ▾

Sftp Host Name *

Private Key *

SFTP Username * Validate

Store ⌵

Uploading ASN Details ⌵

3. Click the required section, and then make the changes as per requirement in the respective section.
4. Click the **Save** button.
The edited account will be saved.

To Delete the Account,

1. On the Amazon Vendor Direct Fulfilment Accounts page, click the **Delete** button for the account which you want to delete.

Add New Account

Actions ▾ 1 records found

Filters ▾ Default View ▾ Columns ▾

20 per page
1 of 1

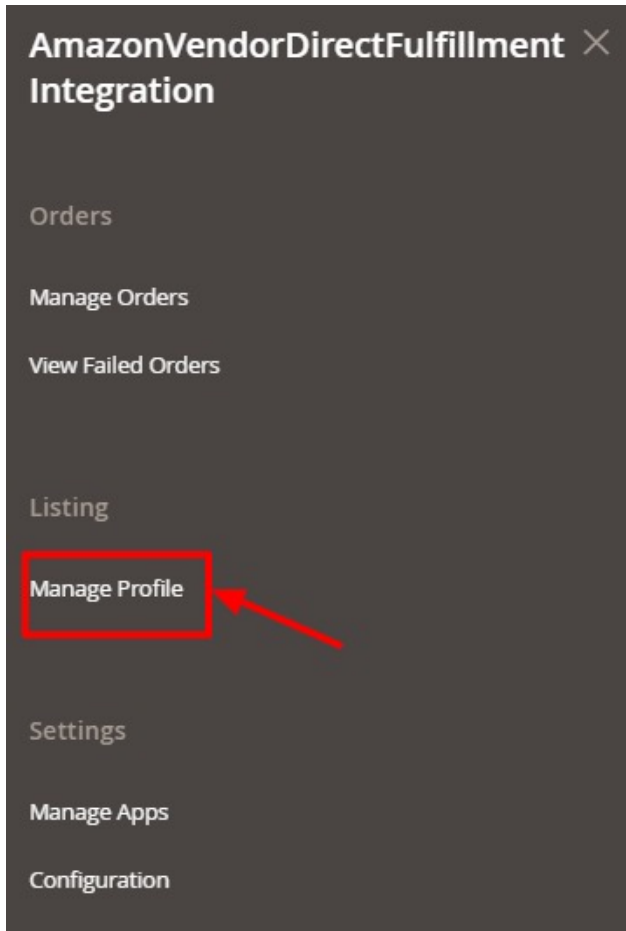
☐	Id	Account Name	Account Status	Sftp Username	Store Id	Actions
☐	1		Enable		43	🗑️

2. On clicking it the selected account will be deleted.

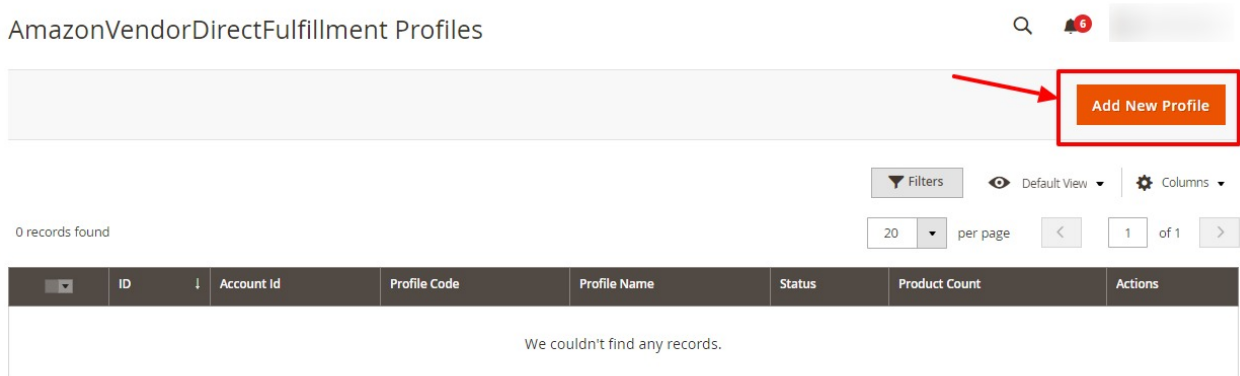
5. Manage Profile

To Manage Profiles,

1. Go to the **Magento 2 Admin Panel**.
2. On the left navigation bar, click **Amazon Vendor Direct Fulfilment Integration**.
The menu appears as shown in the following figure:



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



- 4. To add a new profile, click on **Add New Profile** Button.
The **New Profile page** appears as:

New Profile

← Back Delete Reset Save and Continue Edit **Save Profile**

PROFILE INFORMATION

Profile Info

Profile Products

Profile Information

Profile Code *
For internal use. Must be unique with no spaces

Profile Name *

Profile Status * Enabled ▾
Specific store view information of products will send to AmazonEDI

Account * No Account ▾
Please select a account where you want to upload your this profile product

Warehouse Id *

Selling Party Id *

5. Under **Profile Information**, do the following steps:

- In **Profile Code**, enter a unique code according to you for the profile.
- In **Profile Name**, enter the name of the profile.
- In **Profile Status**, select the status for your profile.
- In **Account**, select the Account in which you want the profile to be created.
- In **Warehouse Id**, enter your Amazon Warehouse id.
- In **Selling Party Id**, enter the Amazon selling party id.

6. Now on the left side, click on **Profile Products**. The section on the right side will appear as shown below:

New Profile

← Back Delete Reset Save and Continue Edit **Save Profile**

PROFILE INFORMATION

Profile Info

Profile Products

Hide Product(s) Assigned to Other Profile(s)

Search [Reset Filter](#)

Actions ▾ 0 records found 20 per page 1 of 1

	Product Id	SKU	Product Name	Type	Product Status	Attribute Set Name	Price
Yes ▾	From <input type="text"/> To <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	From <input type="text"/> To <input type="text"/> USD ▾
We couldn't find any records.							

7. In Profile Products, click on **Reset Filter** and all the created profile products will be displayed.

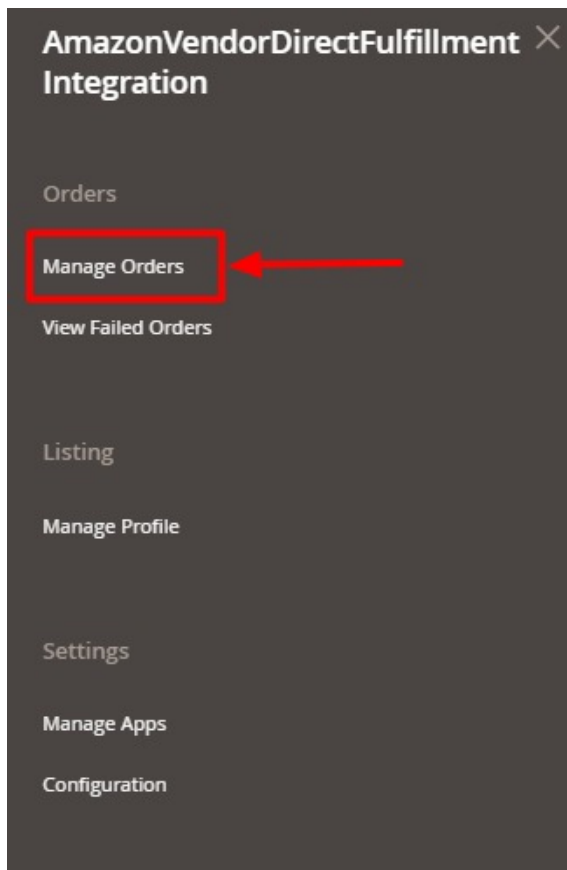
8. Click on the **Save Profile** button.

The New Profile will be created and displayed in the manage profile grid.

6. Manage Orders

To Manage Orders,

1. Go to the **Magento 2 Admin Panel**.
2. On the left navigation bar, click **Amazon Vendor Direct Fulfillment Integration**.
The menu appears as shown in the following figure:



3. Click on **Manage Orders**.
The **Order Grid Page** appears as shown below:

AmazonVendorDirectFulfillment Orders 🔍 🔔⁶


Import ▼

Filters | Default View | Columns

Actions ▼ 0 records found 20 per page 1 of 1

Id ↑	Purchase Order Id	Magento Order Id	Order Status	Fetch Status	Order Items	App	Created On	Ship Before	Shipment Label Status	Shipment Transaction Id	Shipment Completion Status	Label Transaction Id	Actions
We couldn't find any records.													

4. To import the order click on the arrow next to the **Import** button and then on **Search and Import**. You will be navigated to the following page:

Search and Import Q 

[← Back](#) [Import](#)

Parameters

Order Id

Account

Un Shipped

Shipped

From

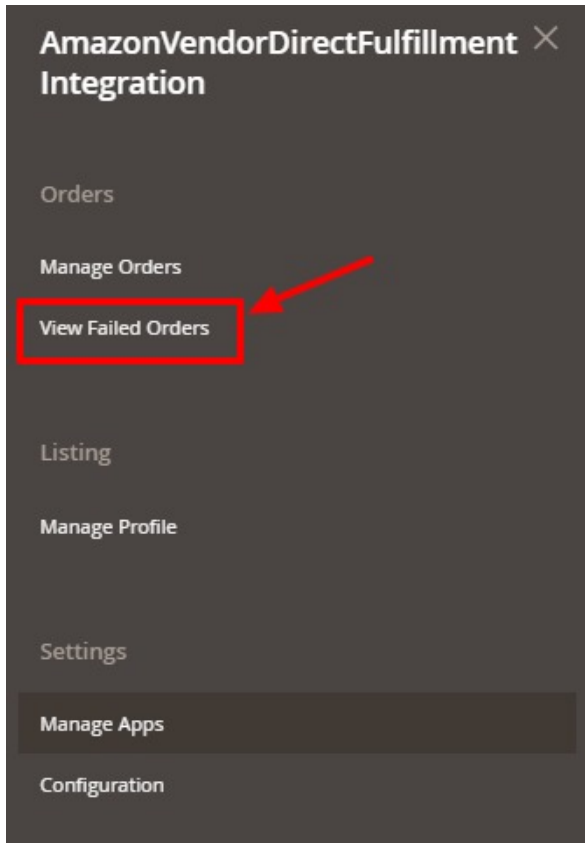
To

5. Under this enter the parameters- **Order Id, Account, UnShipped, Shipped**, the **From** and **To** date of the order you are searching to import.
6. The product will be imported.

7. To View Failed Orders

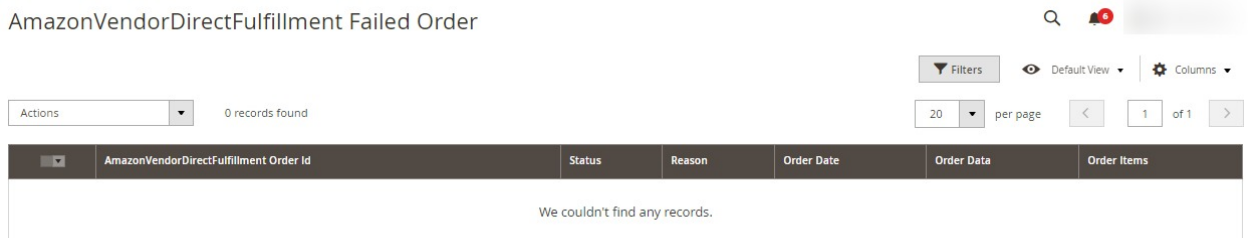
To View Failed Orders,

1. Go to the **Magento 2 Admin Panel**.
2. On the left navigation bar, click **Amazon Vendor Direct Fulfilment Integration**.
The menu appears as shown in the following figure:



3. Click on **View Failed orders**.

The **Failed orders** grid appears as shown below:



4. All the failed orders will be displayed on this page.