

# **Amazon Affiliate Program-Magento 1**

by CedCommerce Products Documentation

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## 1. Overview

Amazon Affiliate Extension for Magento 1 Store, is a development designed by CedCommerce to empower the Magento store owners in Advertising, Featuring, and Offering the Amazon products on their website and make profits in form of commissions.

With this extension for the **Amazon Affiliate Program**, the Magento store owners can easily enjoy the plasticity to fetch all the variants of the products such as Color, Size, Fabric, and so on.

In addition to this, to get you freed from the exhausting route to add products one by one on your store; this extension lets you as a merchant, import all the products in bulk.

What's more! After adding products to cart on the Magento store, users get navigated to Amazon and you don't have to bother about the checkout and payment process.

Thus, the extension in accordance with Affiliate APIs of Amazon, enables the Magento store owners to perform all the activities that facilitate the fetching of the Amazon product data to their websites, advertising the products and leave the selling part to Amazon.

In the world of E-Commerce, it gives not only a very good but an easy opportunity to merchants to earn through affiliated advertisements.

Its Key Features are as follows:

- Imports item information such as Description, Images, and Brands etc.
- Enables products import in bulk from Amazon.
- Imports products based on ASIN, Keywords, Category etc.
- Separate Cart for Amazon and Magento Products.
- Though the front-end users are allowed to add items to the Shopping Cart on the Magento store, the checkout is processed on Amazon.
- Synchronization of Product Price, Image, Description, and Availability of products.
- Enables fetching of Product variation data such as Color, Size, Fabric, and so on.

## 2. Get Amazon Product Affiliate API Key, Tag Key and Secret Key

Once the Amazon Affiliate Program for Magento 1 extension is successfully installed on the Merchant's store, **Amazonaffiliate** tab appears on the top navigation bar of the Magento Admin Panel. Now, merchant has to retrieve and fill-in the API credentials in the Amazon Affiliate Configuration page of the admin panel.

*The admin has to log in the Amazon Affiliate Program account to obtain the following API credentials:*

Magento Admin Panel	Amazon Affiliate
Amazon Affiliate API Key	Access Key ID
Amazon Affiliate Tag Key	Store ID
Amazon Affiliate Secret Key	Secret Access Key

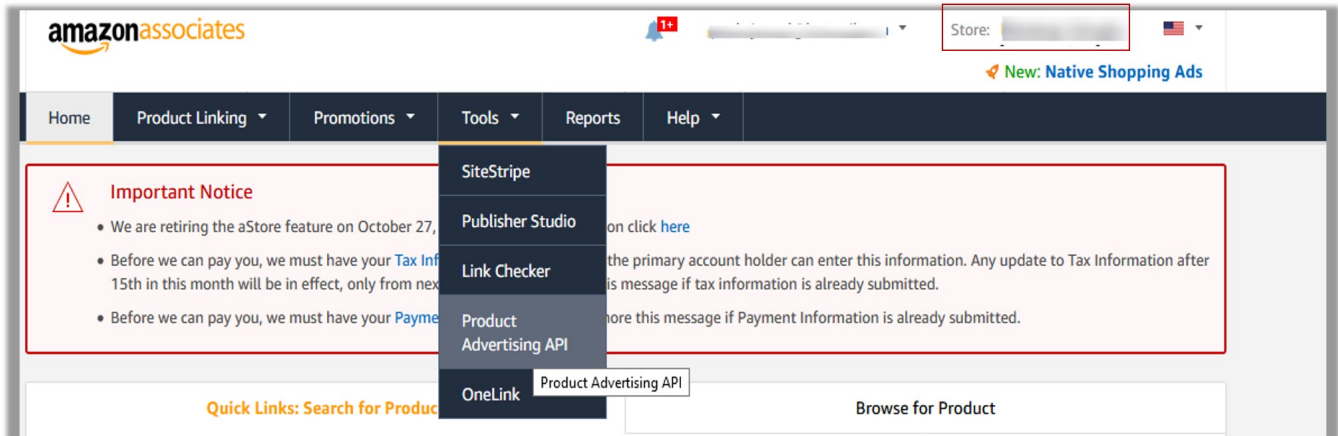
The admin needs these API Key, Tag Key and Secret key credentials to connect the Amazon marketplace and

Magento store.

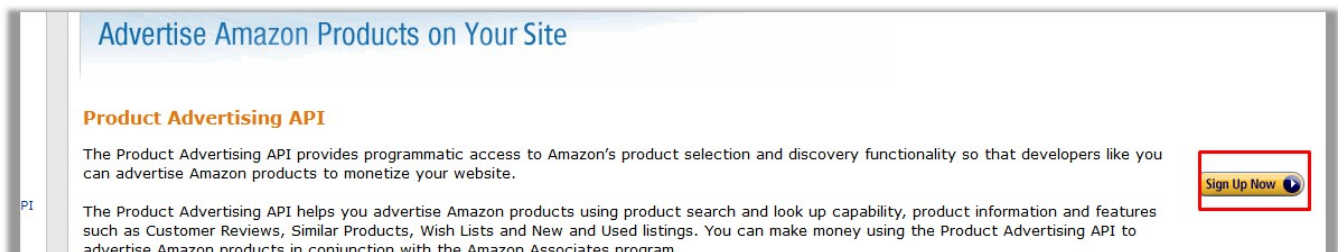
### To retrieve Amazon API Access Key and Secret Key

- Access the <https://affiliate-program.amazon.com>(<https://affiliate-program.amazon.com>) link.
- Log in with the registered credentials.

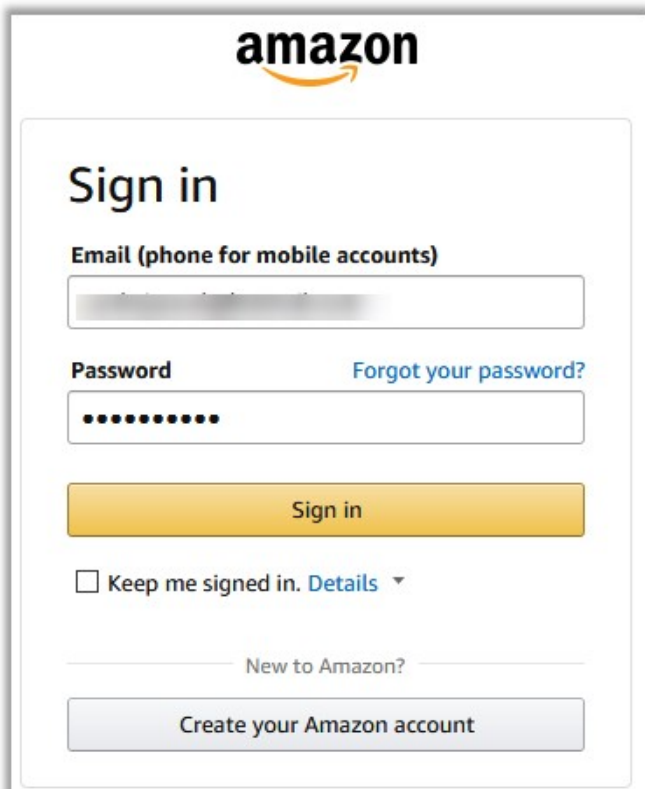
The page appears as shown in the following figure:



- Copy the Id appearing next to the **Store** field as highlighted in the figure.  
**Note:** Keep the ID ready to paste it in the **Amazon Affiliate Tag key** while setting up the configuration setting in the Magento 1 Admin panel.
- On the **Tools** menu, click **Product Advertising API**.  
 The page appears as shown in the following figure:

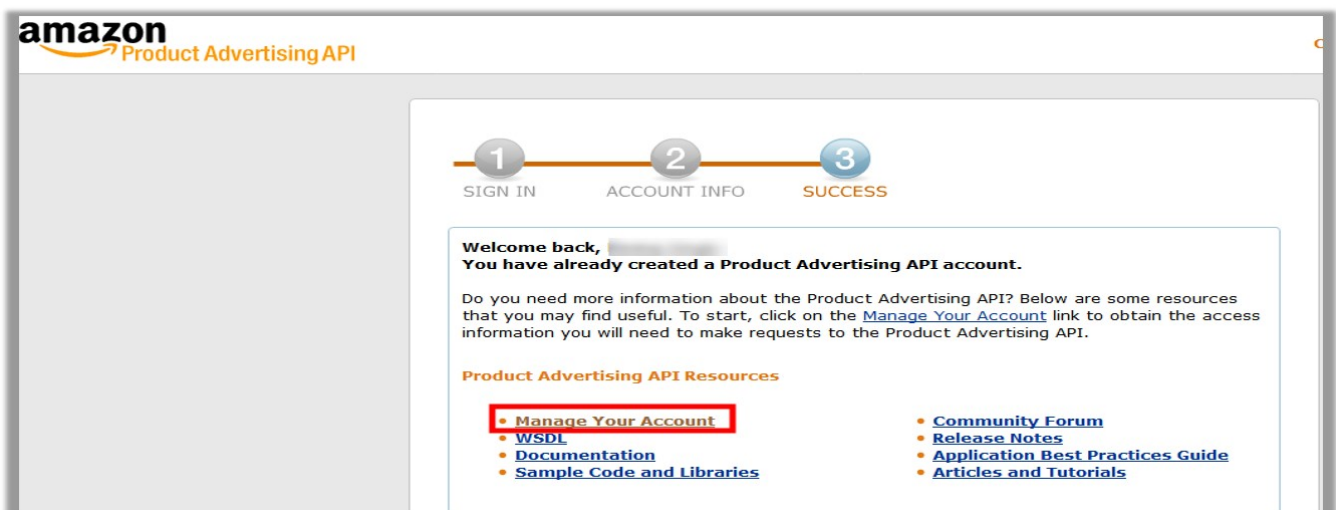


- Click the **Sign Up Now** button.  
 The **Sign in** dialog box appears as shown in the following figure:



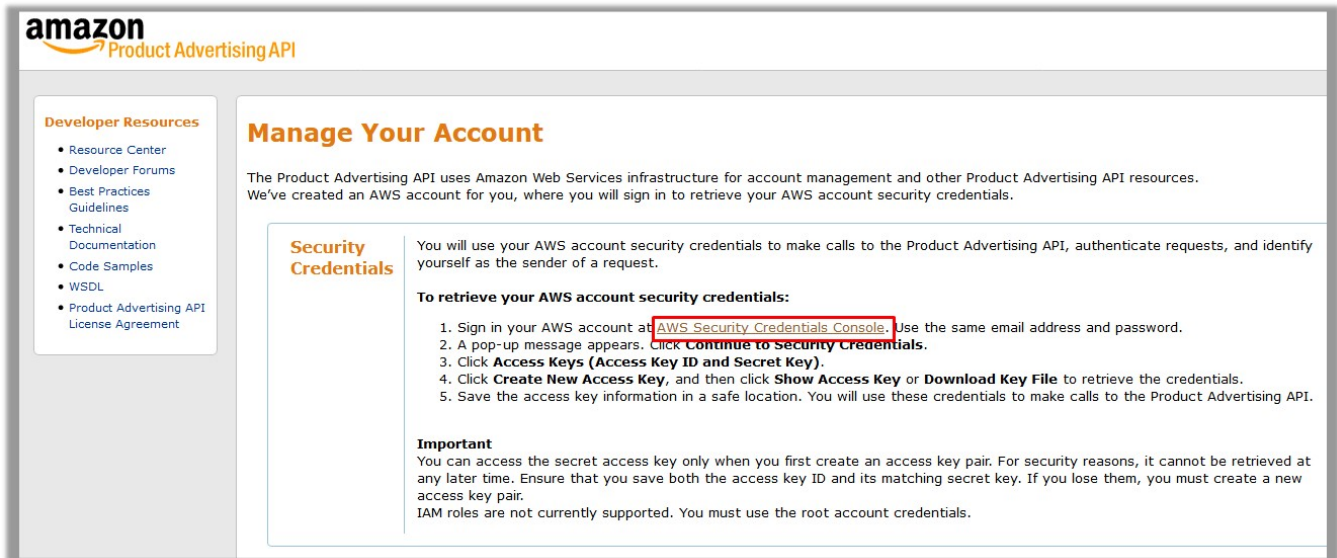
The image shows the Amazon sign-in page. At the top is the Amazon logo. Below it is the heading "Sign in". There are two input fields: "Email (phone for mobile accounts)" and "Password". To the right of the password field is a link "Forgot your password?". Below the password field is a yellow "Sign in" button. Underneath the button is a checkbox labeled "Keep me signed in." with a link "Details" and a dropdown arrow. At the bottom, there is a link "New to Amazon?" and a button "Create your Amazon account".

- Enter the login credentials and then click the **Sign in** button.  
The page appears as shown in the following figure:



The image shows the Amazon Product Advertising API success page. At the top left is the Amazon logo and "Product Advertising API". On the right is a partial "c" logo. A progress bar at the top has three steps: 1. SIGN IN, 2. ACCOUNT INFO, and 3. SUCCESS. The main content area says "Welcome back, [redacted]" and "You have already created a Product Advertising API account." Below this, it says "Do you need more information about the Product Advertising API? Below are some resources that you may find useful. To start, click on the [Manage Your Account](#) link to obtain the access information you will need to make requests to the Product Advertising API." Under the heading "Product Advertising API Resources", there are two columns of links. The first column includes "Manage Your Account" (highlighted with a red box), "WSDL", "Documentation", and "Sample Code and Libraries". The second column includes "Community Forum", "Release Notes", "Application Best Practices Guide", and "Articles and Tutorials".

- Click the **Manage Your Account** link.  
The **Manage Your Account** page appears as shown in the following figure:



**amazon** Product Advertising API

**Developer Resources**

- Resource Center
- Developer Forums
- Best Practices Guidelines
- Technical Documentation
- Code Samples
- WSDL
- Product Advertising API License Agreement

## Manage Your Account

The Product Advertising API uses Amazon Web Services infrastructure for account management and other Product Advertising API resources. We've created an AWS account for you, where you will sign in to retrieve your AWS account security credentials.

### Security Credentials

You will use your AWS account security credentials to make calls to the Product Advertising API, authenticate requests, and identify yourself as the sender of a request.

**To retrieve your AWS account security credentials:**

1. Sign in your AWS account at [AWS Security Credentials Console](#). Use the same email address and password.
2. A pop-up message appears. Click **Continue to Security Credentials**.
3. Click **Access Keys (Access Key ID and Secret Key)**.
4. Click **Create New Access Key**, and then click **Show Access Key** or **Download Key File** to retrieve the credentials.
5. Save the access key information in a safe location. You will use these credentials to make calls to the Product Advertising API.

**Important**  
You can access the secret access key only when you first create an access key pair. For security reasons, it cannot be retrieved at any later time. Ensure that you save both the access key ID and its matching secret key. If you lose them, you must create a new access key pair.  
IAM roles are not currently supported. You must use the root account credentials.

- Click the **AWS Security Credentials Console** link.  
A dialog box appears as shown in the following figure:



**amazon** web services

## Sign In or Create an AWS Account

What is your email (phone for mobile accounts)?

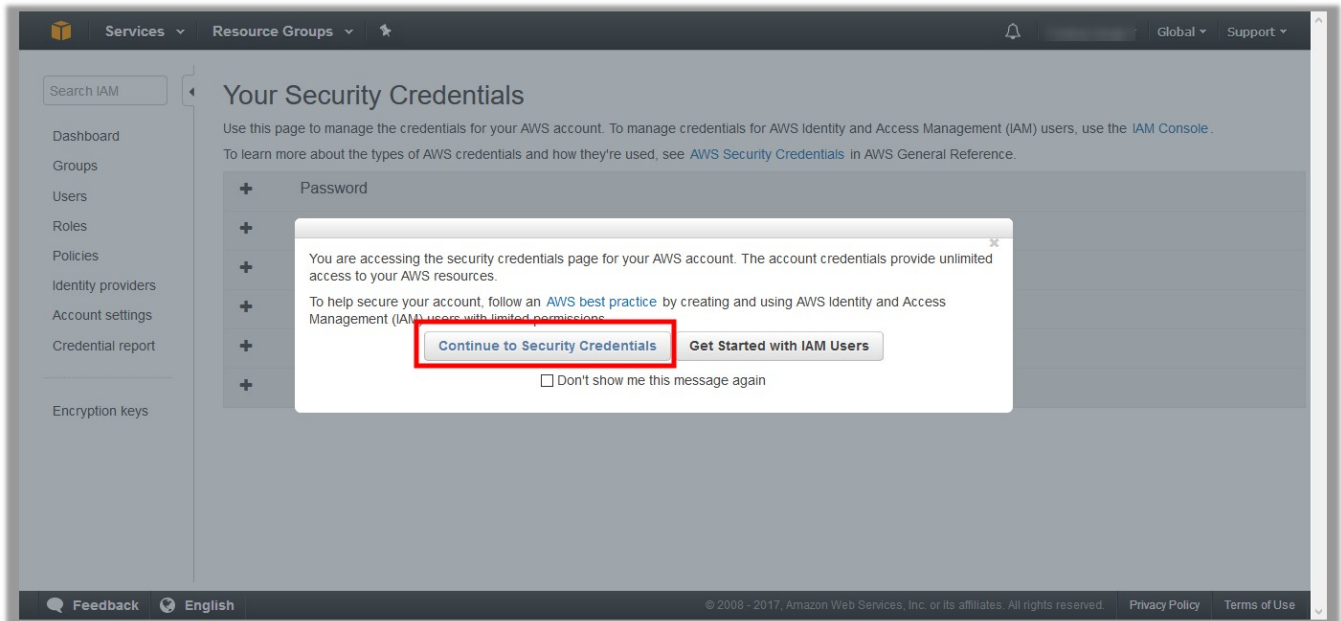
**E-mail or mobile number:**

☐ I am a new user.
   
☒ I am a returning user and my password is:

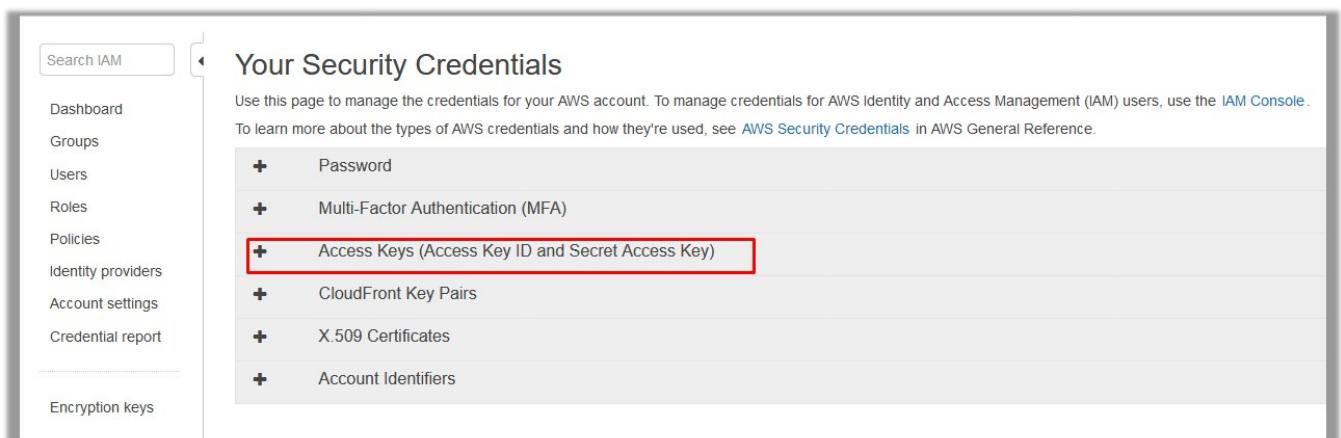
**Sign in using our secure server**

[Forgot your password?](#)

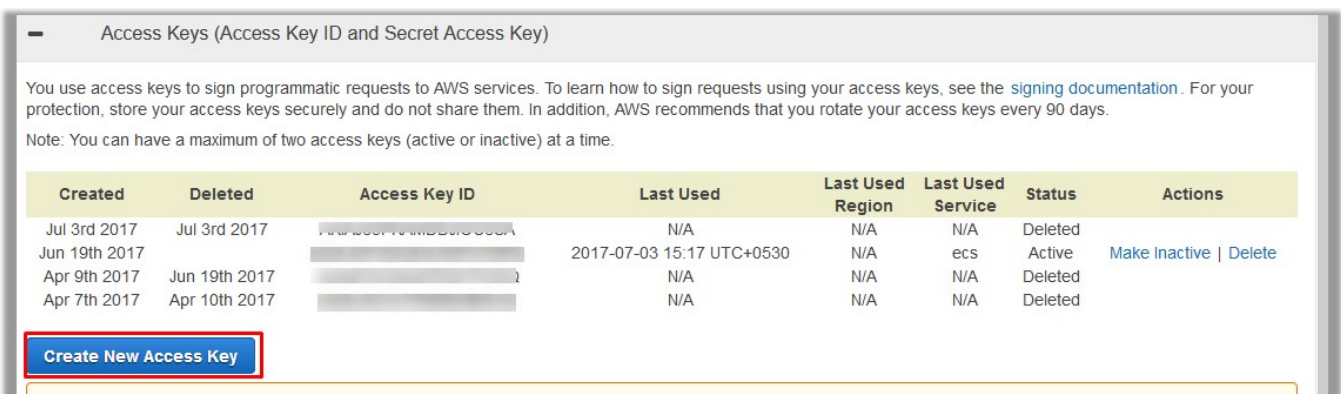
- Enter the login credentials, and then click the **Sign in using our secure server** button.  
The dialog box appears as shown in the following figure:



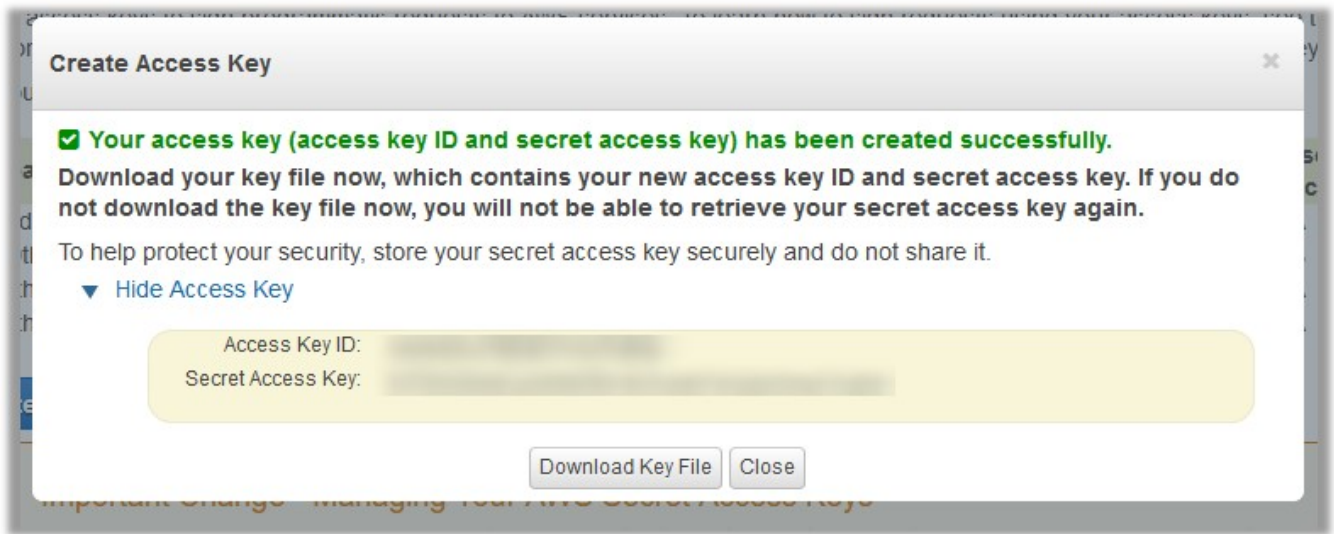
- Click the **Continue to Security Credentials** button.  
The page appears as shown in the following figure:



- Click the **Access Keys (Access Key ID and Secret Access Key)** tab.  
The tab is expanded and the page appears as shown in the following figure:



- Click the **Create New Access Key** button.  
The **Access Key ID** and the **Secret Access Key** are created and appears as shown in the following figure:



**Note:** **Copy** and keep the Access Key ID and the Secret Access Key ready to use it while setting up the configuration setting in the Magento Admin panel

### 3. Setting up Cron Jobs for Magento

After installing the extension for Magento 1, you need to set up the Cron Settings for Magento **in case it is not there**, so that it enables the set of actions to take place after a particular time interval.

Various Magento features need at least one Cron job to schedule the activities in future. Some of those activities are:

- Catalog Price Rules
- Newsletters
- Generating Google sitemaps
- Customer Alerts/Notifications (product price change, product back in stock)
- Reindexing
- Private sales (Magento Commerce only)
- Automatic updating of currency rates
- All Magento e-mails (including order confirmation and transactional)

#### How to do that?

To create a cron job as the user who runs Apache, the following commands in the order shown:

1. Create or edit a crontab for the Apache user:

```
crontab -u apache-user-name -e
```

2. A text editor displays. (You might need to choose a text editor first.)  
In the editor, enter the following:



```
* * * * * /bin/sh /[your Magento install dir]/cron.sh
```

For example, for CentOS,

```
* * * * * /bin/sh /var/www/html/magento/cron.sh
```

3. Save your changes to the crontab and exit the editor.

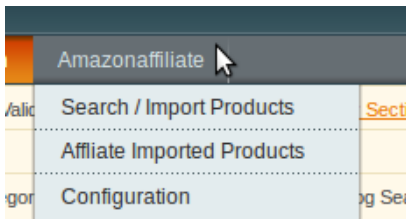
To know more about it in detail, click here([http://devdocs.magento.com/guides/m1x/install/installing\\_install.html?\\_ga=2.225264029.684398870.1523602133-1864476530.1496905446#install-cron](http://devdocs.magento.com/guides/m1x/install/installing_install.html?_ga=2.225264029.684398870.1523602133-1864476530.1496905446#install-cron)) and go through the complete guide to set up Cron Jobs for Magento 1.

## 4. Amazon Affiliate Configuration Settings

After you've received the Amazon Affiliate API credentials, you can use them while setting up the configurations through the Admin panel.

### *To set up the Amazon Affiliate Configuration*

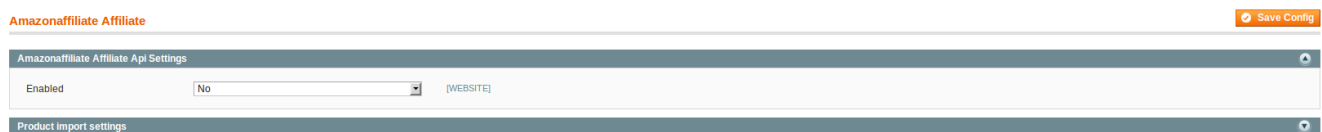
- Go to the Admin panel.
- On the top navigation bar, point cursor on **Amazonaffiliate** menu.  
The menu appears as shown in the following figure:



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



- Click on the API Settings Section and it gets expanded as below:



- In **Enabled** section, select **Yes** and the tab will be expanded as shown below:

Amazonaffiliate Affiliate Save Config

---

Amazonaffiliate Affiliate Api Settings

Enabled	<input checked="" type="checkbox"/> Yes	[WEBSITE]
Api Key	<input type="text"/>	[GLOBAL]
Tag Key	<input type="text"/>	[GLOBAL]
Affiliate Secret Key	<input type="text"/>	[GLOBAL]

Now,

- In the **Amazon Affiliate API Key** box, paste the **Access Key ID** copied from the Amazon Affiliate account.
- In the **Amazon Affiliate Tag Key** box, paste the **Store ID** copied from the Amazon Affiliate account.
- In the **Amazon Affiliate Secret Key** box, paste the **Secret Access Key** copied from the Amazon Affiliate account.
- Click the **Save Config** button.

Coming to the next section.

- Scroll down to the **Product Import Settings** tab, and click it. The tab is expanded, and the section appears as shown in the following figure:

Product import settings

Affiliate default qty	<input type="text" value="10"/>	[?]	[GLOBAL]
Enabled	<input checked="" type="checkbox"/> Yes	[WEBSITE]	
Select Visibility	<input type="text" value="Catalog_Search"/>	[?]	[WEBSITE]
Enter Api throttle	<input type="text" value="5"/>	[?]	[GLOBAL]

- Under **Product Import Settings**, do the following steps:
- In the **Set Default Qty for Products** box, enter the required number of products.
- In the **Enable Imported Products** list, select the **Yes** option to enable the imported products.
- In the **Set Product Visibility** list, select the required option to set the area where the product is visible.
- In the **Set Throttle Limit** box, enter the time in seconds.  
**Tip:** To change the value, clear the Use System value check box.
- Click the **Save Config** button.  
 The Configuration settings are saved and a success message appears.

## 5. Search and Import Products from Amazon

This extension allows the admin to search and import the products through the four different criteria as follows:

- Search/Import via Keywords

- Import via Amazon ASIN
- Import via Node id
- Import via Amazonaffiliate Product Link

## 5.1. Search and Import Products through Keyword

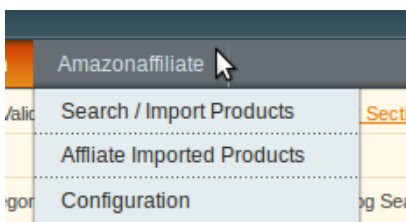
After the configuration part is over, admin can start Importing products from Amazon to its Magento store.

To import the products based on keywords, the admin can follow any of the following tasks:

- Search the products based on the defined criteria and then import the selected products
- Import all the products based on the defined criteria

The steps are shown below:

- Go to the Admin panel.
- On the top navigation bar, click the **Amazonaffiliate** menu.  
The menu appears as shown in the following figure:



- Click on **Search/Import Products**, and you get navigated to a page with following sections:



- Click on **Search/Import via Keywords** tab and it gets expanded as below:

Now,

- In the **Enter Keyword** section, enter the keyword that you want to search the products for, like shoes, watches, books etc.
- In the **Specify page number**, enter the page number till which all desired products on Amazon with that keyword will be imported to your Magento store.
- In **Category**, select the category of the product that you want to import.






- In **Brand** section, enter the brand name.
- For example, if you enter the keyword **Shoes** like done in the figure above, with other supported info, and then click **Search**, all the products till that page on Amazon will be listed on the page like shown in the figure below:

**Affiliate Searched Products**

Page 1 of 1 pages | View 20 per page | Total 10 records found

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

Actions:  Submit

	Name	Image	ASIN	Price	Node Id	Node Name
<input type="checkbox"/>	NIKE Men's Revolution 4 Black/Black Running Shoe 9.5 Men US		B06XKFZYVJ	79.99	7581669011	Shops
<input type="checkbox"/>	Nike Men's Zoom Clear Out Basketball Shoes 844372 002 Black Size 12		B01N7P997A	75.74	7581669011	Shops
<input type="checkbox"/>	NIKE Men's SB Koston HyperVulc Medium Black/Olive Skate Shoe 9 Men US		B079JZ3RQG	61.65	7581669011	Shops
<input type="checkbox"/>	NIKE Men's Lunar Fingertrap Cross Trainer, Black/Gym Red, 11.0 Regular US		B01N4GF2RE			
<input type="checkbox"/>	NIKE Men's Air Bebold Low Basketball Shoe White/Black/Wolf Grey Size 11 M US		B06X19BLKK	69.94	7581669011	Shops

- Now you may select the product(s), and on the upper right part of the page, in the Actions tab, select **Import Selected Product(s)**. Your selected products will be imported.
- Similarly you may also Import the products directly without searching. You just need to enter every information as shown in the following figure:

**Search/Import Via Keywords**

Enter Keyword:

Specify page number (1-10):

Category:

Brand:

Search

- Now click on Import and all the products till that particular page on Amazon will be imported to your Magento.

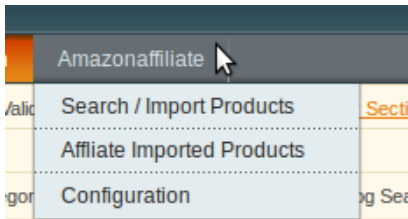
## 5.2. Search and Import Products through ASIN

For importing products via Amazon ASI, the admin can follow any of the following tasks:

- Search the products based on the defined criteria and then import the selected products
- Import all the products based on the defined criteria

The the steps are shown below:

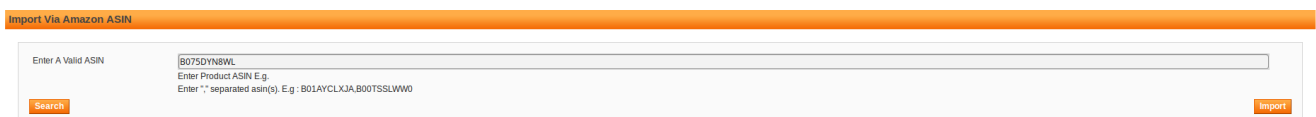
- Go to the Admin panel.
- On the top navigation bar, place cursor on the **Amazonaffiliate** menu. The menu appears as shown in the following figure:



- Click on **Search/Import Products** and you see the following section on the page:



- Click on **Import via Amazon ASIN** and the tab gets expanded as below:



- Here, you may enter the Amazon ASIN and click on the **Search** bar and the product will be shown on the same page.
- Now all that you have to do is to select the product and click on **Import Selected Product(s)**.
- A success message appears on your page telling you that your desired product(s) has been imported from Amazon to your Magento store.
- Similarly you may also Import the products directly without searching. You just need to enter Amazon ASIN as shown in the above figure and click on **Import**. All the products will be imported.

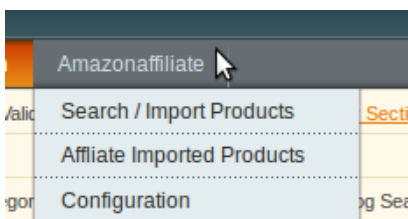
### 5.3. Search and Import Products through Amazon Node Id

For importing products via **Amazon Node id**, the admin can follow any of the following tasks:

- Search the products based on the defined criteria and then import the selected products
- Import all the products based on the defined criteria

The the steps are shown below:

- Go to the Admin panel.
- On the left navigation bar, click the **Amazonaffiliate** menu.  
The menu appears as shown in the following figure:



- Click on **Search/Import Products** and you see the following section on the page:



- Click on **Import via Node id** and the tab gets expanded as below:

- Here, you may enter **Amazonaffiliate Node id** and click on the search bar and the product will be shown on the same page.
- Now all that you have to do is to select the product and click on **Import Selected Product(s)**.
- A success message appears on your page telling you that your desired product(s) has been imported from Amazon to your Magento store.
- Similarly you may also Import the products directly without searching. You just need to enter Amazon Node id and click on **Import**. All the products will be imported.

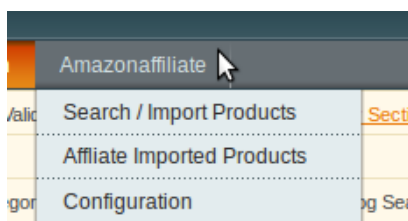
## 5.4. Import Products through Amazon Product Link

For importing products via **Amazon Product Link**, the admin can follow any of the following tasks:

- Search the products based on the defined criteria and then import the selected products
- Import all the products based on the defined criteria

The the steps are shown below:

- Go to the Admin panel.
- On the top navigation bar, place cursor on the **Amazonaffiliate** menu.  
The menu appears as shown in the following figure:



- Click on **Search/Import Products** and you see the following section on the page:



- Click on the **Amazonaffiliate Product Link**. The tab gets expanded as below:

## Import Via Amazon Affiliate Product Link

Enter Amazon Affiliate Product Link	con/Amazon-VN94DQ-Echo-Spot-BlackdpB0735QXTWiref=br_msw_pdt-37_encoding=UTF8&smid=ATVPDKIKX0DER&pf_rd_m=ATVPDKIKX0DER&pf_rd_s=&pf_rd_r=3XG1JYCB3FMTB1J73H&pf_rd_s=36701&pf_r=abada5-c6a7-4039-a2ae-76a66e9c69ce&pf_rd_r=desktop Enter Product Link E.g. https://www.aliexpress.com/item/SERENE-Men-Oxford-Shoes-Nubuck-Leather-Lace-Up-flat-shoes-vintage-design-Italian-technology-Martin-Boots/32637958267.html
<input type="button" value="Search"/>	<input type="button" value="Import"/>

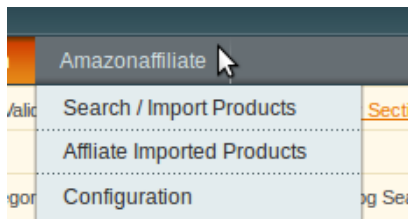
- Now enter the link of the product from Amazon and click on **Search**.
- Your product will be displayed on the same page below.
- Now you just have to select your product and in the **Actions** bar on the upper right part of page select **Import selected Product(s)**.
- Your product will be imported and success message appears.
- Similarly you may also Import the products directly without searching. You just need to enter Amazon Product Link and click on **Import**. All the products will be imported.

## 6. Amazon Affiliate Product Synchronization

This section covers the process of Amazon Affiliate Product Synchronization.

### To synchronize Amazon Affiliate products

- Go to the Admin panel.
  - On the top navigation bar, click the **Amazonaffiliate** menu.
- The menu appears as shown in the following figure:



- Click on **Affiliate Imported Products**. You get navigated to the page where you can see your imported products listed as shown in the below figure:

**Affiliate Imported Product**

Page 1 of 1 pages | View 20 per page | Total 14 records found

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

ID	SKU	Image	Price	Name	Qty	Visibility	Status	Type	Walmart Product Status	Actions
Any			From: To: In: USD	From: To:						Submit
<input type="checkbox"/>	12 B01COX1L6W		\$0.00	Q Test		Catalog, Search	Enabled	Simple Product		
<input type="checkbox"/>	13 B009LRVCOK		\$39.88	Oraquik HIV Test in Home		Catalog, Search	Enabled	Simple Product		
<input type="checkbox"/>	14 1610394410		\$24.23	The Test: Why Our Schools are Obsessed with Standardized Testing--But You Don't Have to Be		Catalog, Search	Enabled	Simple Product		
<input type="checkbox"/>	15 B007VT2OQG		\$7.69	ClinicalGuard® HCG Pregnancy Test Strips (Individually-Sealed, Pack of 20)		Catalog, Search	Enabled	Simple Product		
<input type="checkbox"/>	16 B00VE6EPCS		\$2.99	Comfort Food Revisited		Catalog, Search	Enabled	Simple Product		
<input type="checkbox"/>	17 B000052XH		\$12.98	First Response Early Result Pregnancy Test, 3 Count (Packaging & Test Design May Vary)		Catalog, Search	Enabled	Simple Product		
<input type="checkbox"/>	18 B007RLVKW0		\$99.00	AncestryDNA® Genetic Testing - DNA Ancestry Test Kit		Catalog, Search	Enabled	Simple Product		

- If products are not listed, just click on **Reset Filter** and all your products will be listed as shown above.
- Now select the product that you want and on the upper right of the page in the **Actions** tab, you have the option of deleting the product and you may do so by selecting **Delete selected product(s)** and clicking

the **Submit** button. The product will be deleted from your Magento store.

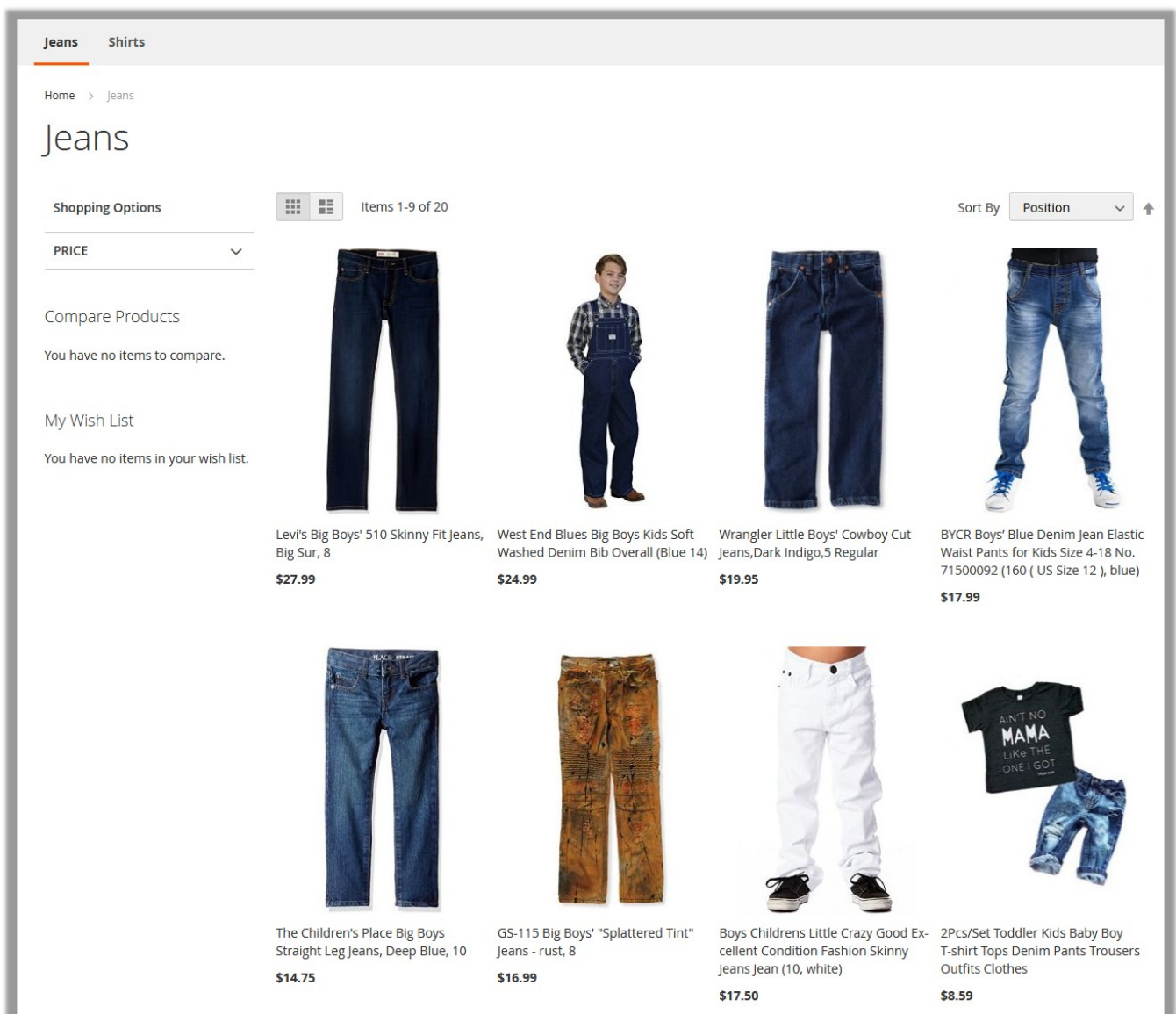
## 7. Front-End View

Front-end view is the online marketplace where the front-end users can view all the available products listing, category-wise.

### To Checkout with Amazon-

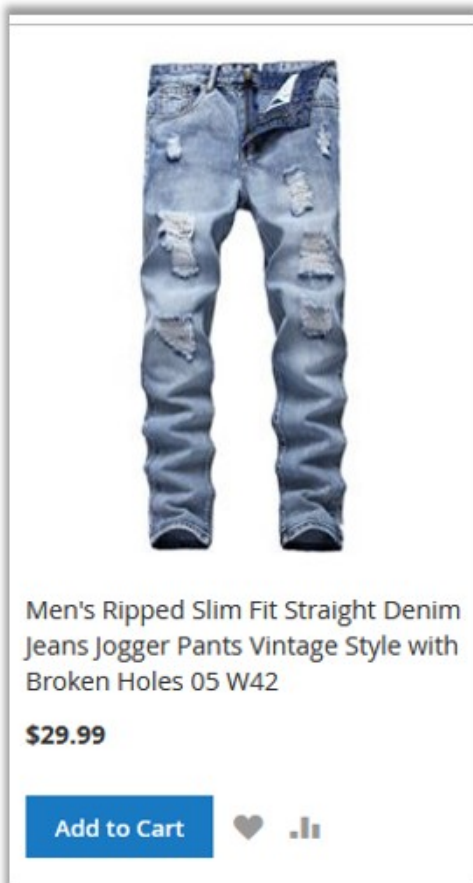
- Go to the Front-end view.
- Click the product category.

The products as shown in the following figure:

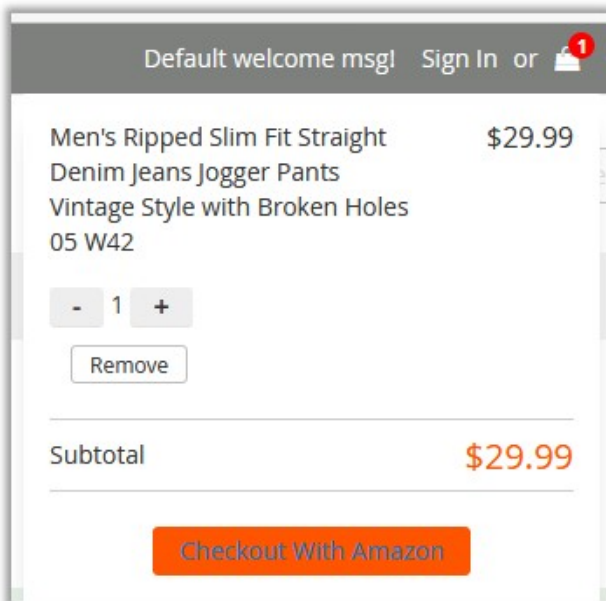


- Move the cursor over the required product.
- The selected product image appears as shown in the following figure:

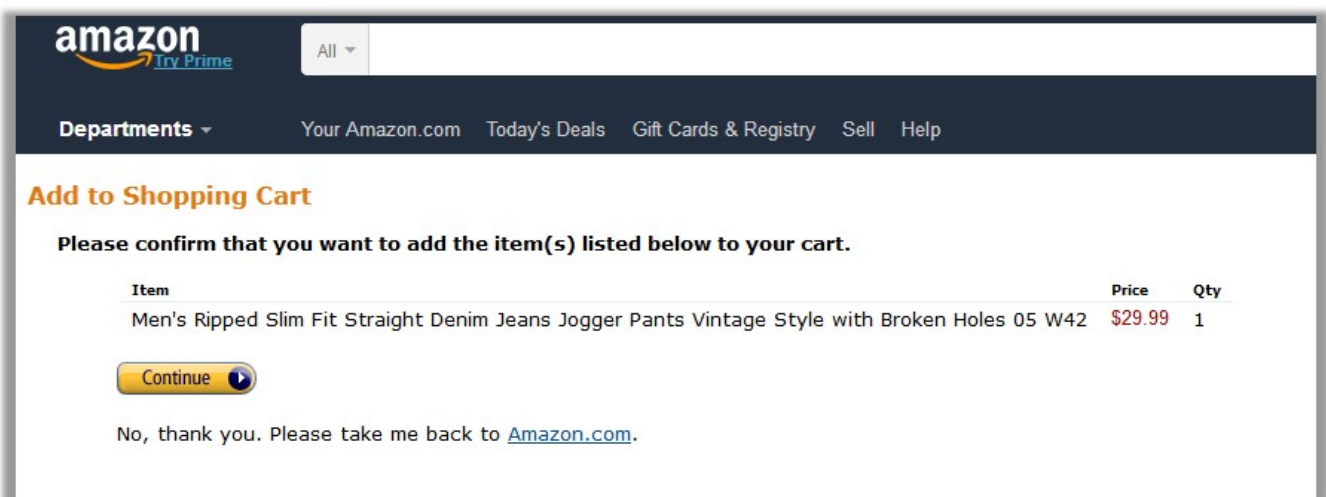




- The Add to Cart button appears.
- Click the **Add to Cart** button.  
The selected product is added to the cart.
- Click the cart icon.  
The dialog box appears as shown in the figure:



- Click the **Checkout With Amazon** button.  
The page appears as shown in the following figure:



- Click the **Continue** button.
- It is redirected to the Amazon.com, where the front-end users can proceed to purchase the selected products.