	Google Shopping Actions Integration For Magento 2
Google Shopping Actions	Integration For Magento 2
	by CedCommerce Products Documentation

1. Overview	3
2. Google Shopping Actions Integration Extension - Installation	3
3. Retrieve API Credentials from Google Shopping Actions	3
4. Configure your Merchant Account	4
5. Configuration Setting	8
6. Manage Google Shopping Actions Accounts	13
7. Manage Google Shopping Actions Profiles	16
7.1. Add a New Profile	16
7.2. Edit the Existing Profile	19
7.3. Delete the Profile	
7.4. Bulk Actions on the Google Shopping Actions Profile Listing Page	22
8. Upload Products on Google Shopping Actions	24
9. Fetch Google Shopping Actions Orders	
10. Google Shopping Actions Cron Logs	
11. Google Shopping Actions Activity Logs	
12. Product Feeds	
13. Help & Support	
• • • •	

1. Overview

The **Google Shopping Actions Integration For Magento 2** by CedCommerce is a handy tool that helps the Magento 2 store owners to boost their business and generate revenue as it interacts with Google Shopping Actions API's to connect the Magento 2 store. It provides an opportunity to cover a wide range of customers.

Sellers get the authority to create Google Shopping Actions Categories and the dependent attributes on the Magento 2 store. It also enables them to establish a mapping of the desired product category on the Magento 2 store for automatic submission of the selected product to the same category on Google Shopping Actions.

It enables the sellers to manage the Google Shopping Actions orders on the seller's Magento 2 stores without making any significant changes to operational functionalities.

Synchronizing orders, products, pricing, and inventory is possible through establishing the communication between Google Shopping Actions APIs and the Magento 2 stores.

Key Features are as follows:

- **Product Upload Based on Profile:** Enables the seller to create a profile based on a single category, and then assign the products to the profile to automate the product upload.
- Magento Order creation: The newly placed orders on Google Shopping Actions are automatically created in the Magento 2 stores with all the required details as it is on Google Shopping Actions.
- **Bulk upload Methodology:** Seller gets the authority to upload bulk products on Google Shopping Actions but just selecting the products and upload in one go.
- **Product Data Validation:** The extension enables validating the product information in accordance with Google Shopping Actions standards and values.
- **Product category mapping:** Follows category mapping philosophy. Sellers can map any category of the Magento 2 stores to the single category of Google Shopping Actions.
- Auto synchronization: Auto synchronization of the product listing, order, inventory, and pricing at regular intervals is established between Magento 2 Store and Google Shopping Actions
- **Auto-shipment procedure:** Provides sellers with the ability to automate the process of shipment with Shipstation, Shipwork, Stamps.com, Linnworks, Xtento, ShipRush.
- Email Notification: Sellers receives the notification through the mail on new order creation, low stock and if the product is rejected from Google Shopping Actions.

2. Google Shopping Actions Integration Extension - Installation

To install the extension

- 1. Log in the **ftp**, and then go to the **Magento 2** store 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*.
 - a. Upload or Drag and Drop app/code/Ced/GXpress directory.
 - b. After successfully uploading the directory, the extension will be installed/upgraded.
 - c. Now run the following upgrade command in *cmd php bin/magento setup:upgrade.*

3. Retrieve API Credentials from Google Shopping Actions

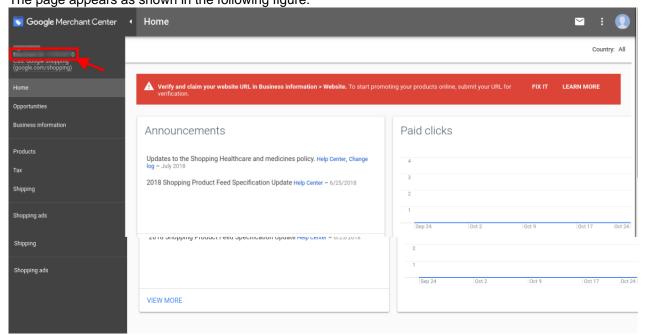
Once the extension is successfully installed on the Merchant's store, the Google Shopping Actions menu appears in the Magento Admin Panel. The merchant has to fill in the API credentials in the **Google Shopping Actions**Configuration page of the admin panel.

The user has to log in to the Google Shopping Actions Seller account to obtain the Merchant Id.

After obtaining the id, from the Google Shopping Actions Seller account and paste it to the Configuration page of the admin panel of the merchant.

To copy the API Credentials from the Google Shopping Actions Seller account.

Open the Google Shopping Actions Seller account.
 The page appears as shown in the following figure:



• Copy the **Merchant Id** from the Seller Panel as highlighted in the above image. Now you have all the information to be used in the next step i.e. **Configuration**.

4. Configure your Merchant Account

To configure your Merchant Account

Please

visit http://console.cloud.google.com/apis/credentials(http://console.cloud.google.com/apis/credentials) link to configure it with your merchant account,

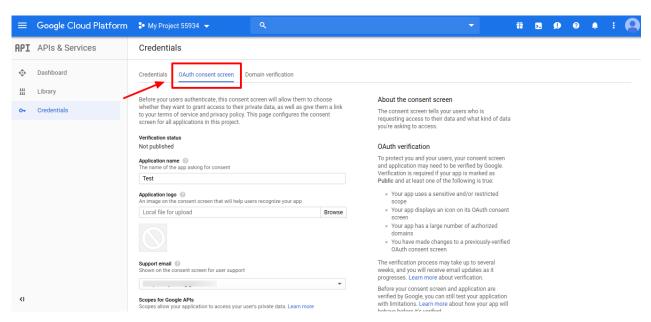
1. Go to the above link Create a new project,

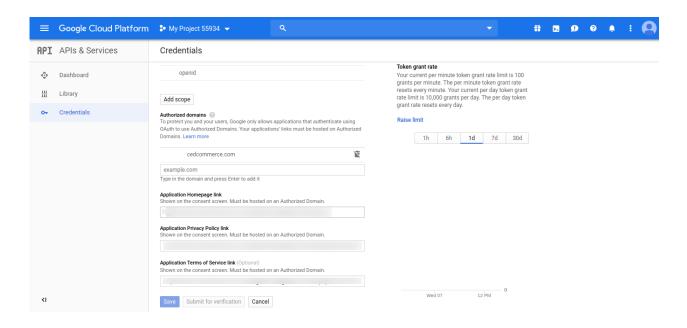


CANCEL OPEN

2. Select OAuth consent screen.

The tab appears as shown in the following figure:





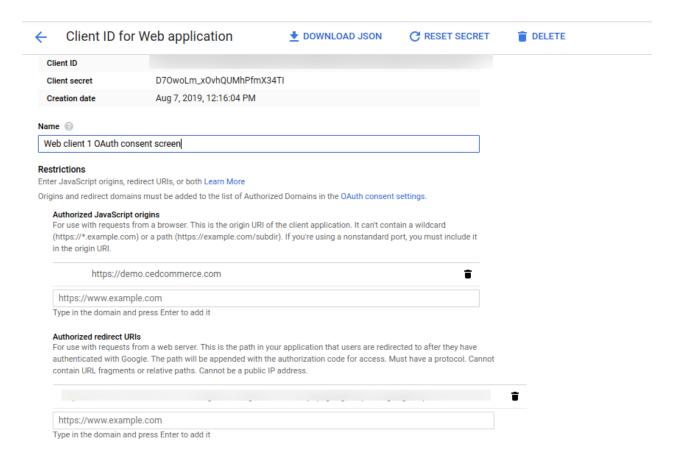
- 3. In the **OAuth Consent Screen,** do the following steps:
 - a. In the Application Name box, enter your shop name or domain name of your store,
 - b. In the **Application Logo** box, upload your application logo that will help to recognize your app.
 - c. In the Support Email box, enter your support email.
 - d. In the **Authorized Domain** box, enter your website domain.

Example: cedcommerce.com

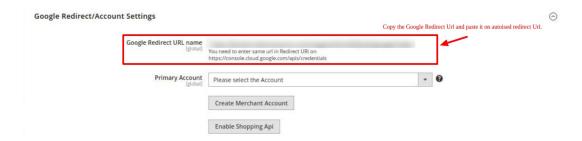
- e. In the Application Homepage link box, enter your store homepage link.
- f. In the Application Privacy Policy link box, enter your store application privacy policy link.
- g.

In the Application Terms of Service link box, enter your store application terms of service link.

- 4. Then click on the **Save button** to save the **OAuth consent screen** information.
- 5. Then comes to the **Credentials** Tab & click on **Create Credential Button** & **select OAuth Client ID**The tab appears as shown in the following figure:

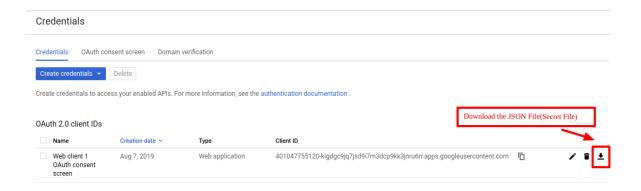


- 6. In the **Credentials** sections, do the following steps:
 - a. In the Name section, enter the name of OAuth Client ID name.
 - b. In the Authorized JavaScript origins box, enter your store application domain name.
 - c. In the Authorized redirect URIs box, do the following steps:
 - i. Go to the Magento Admin Panel
 - ii. Then go to Google Shopping Actions Configuration Settings
 - iii. Copy the Redirect URL and Paste it on **Authorized redirect URIs**The tab appears as shown in the following figure:

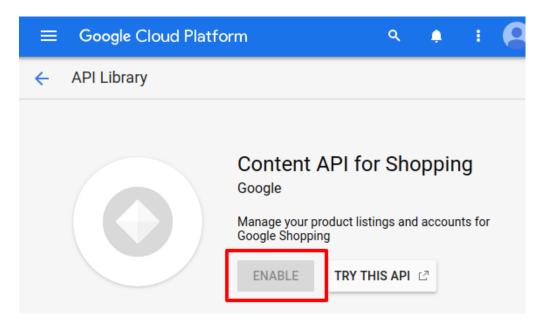


- d. Then click on the **Save Button** to save the Credentials information.
- e. Once you **Save** it then you can download the **JSON** file from there which you can use as a secret key file.

The tab appears as shown in the following figure:



- f. Once you download the JSON File (Secret File). Go to the Magento Admin Panel.
- g. Go to Google Shopping Actions Configuration Settings.
- h. Then Client needs to be **Enable** Content Shopping API.
- i. Click on **Enable Shopping API** section, to enable the Google Shopping API. The tab appears as shown in the following figure:



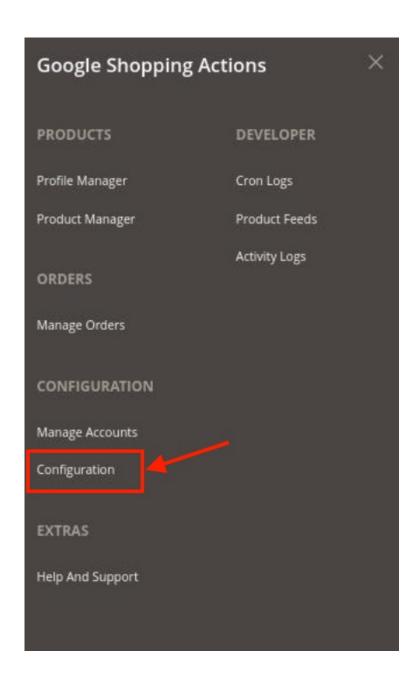
5. Configuration Setting

Once the extension is successfully installed on the Merchant's store, the Google Shopping Actions tab appears in the Magento Admin Panel.

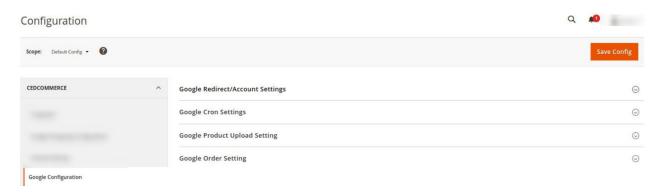
The seller has to set up the configuration settings for establishing the connection between the Magento store and the Google Shopping Actions marketplace.

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

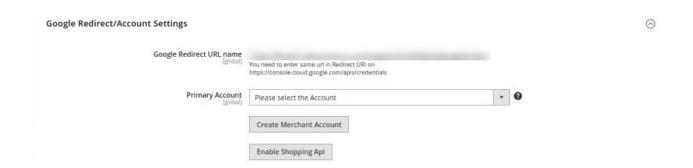
- 1. Go to the Admin panel.
- 2. On the left navigation bar, you will find the Google Integration option.
- 3. Click on Configuration.



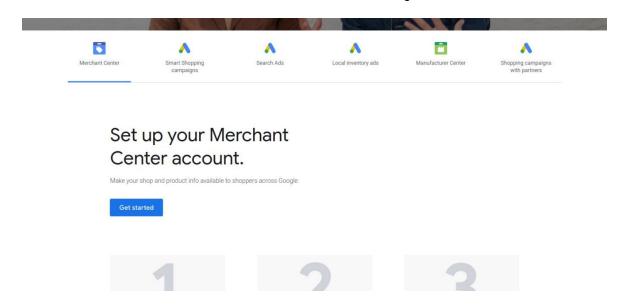
4. The **Google Shopping Configuration** page appears as shown in the following figure:



5. Now click on Google Redirect/Account Settings, the section is expanded as shown below:



- 6. Under Google Redirect/Account Settings, do the following steps:
 - In Google Redirect URL Name, the store URL will be mentioned.
 - Choose the **Primary account** associated with the Google Shopping Actions Account.
 - · Click on Create Merchant Account button, to create a new Google merchant account.



- Click on Enable Shopping API button if you want the shopping API to be enabled for the store.
- 7. Click on Google Cron Settings. The menu expands as:



- 8. Under Google Cron Settings, do the following steps:
 - In **Order Cron**, select **Enable** to sync orders through cron.
 - In **Shipment Cron**, select **Enable** to automatically sync the shipment status with cron.
 - In AutoUpload Cron, select Enable for automatic upload.
- 9. Now, click on Google Product Upload Settings. The menu expands as:

Google Product Upload Setting



- 10. Under Google Product Upload Settings do the following steps:
 - Choose Yes in the Debug Mode.
 - 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 Google Shopping Actions, product price by the entered value % of 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, Google Shopping Actions Product Price = 105

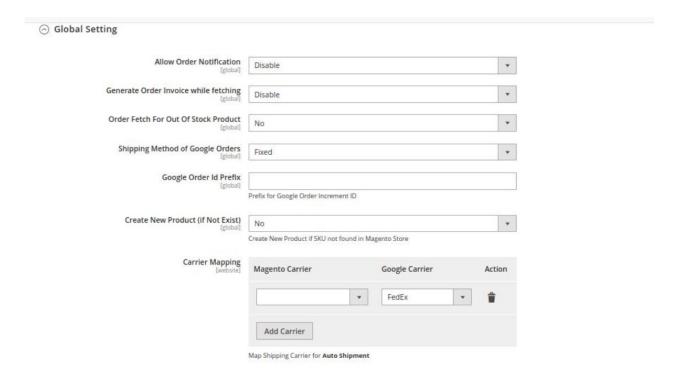
- Decrease by Fixed Price: If selected, then the Modify by Fix Price field appears.
- Decrease by Fixed Percentage: If selected, then the Modify by Percentage Price field appears.

Enter the numeric value to decrease the price of the Google Shopping Actions product price by the entered value % of Magento 2 store price

- In the **Product Chunk Size**, set the default size of the product chunk.
- In Sale Price, select Yes if you want to enable the sale price of product.
- In **Tax Price Settings**, select **Yes** to enter the Tax percentage.
- 11. Now, click on Google Order Settings. The section is expanded as shown below:



12. Click on Global Settings and the section expands as:

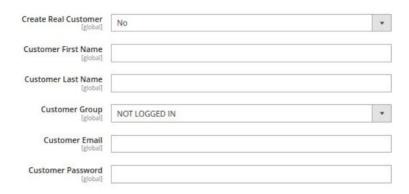


- 13. Under Global Settings, do the following steps:
 - In Allow Order Notification, choose either enable or disable.
 - In **Generate Order Invoice while fetching**, select **Enable** if you want the invoice to be generated for the orders when they are fetched.
 - Next is the **Order Fetch from Out of Stock**, choose yes if you wish to fetch the order even though it's currently out of stock.
 - In the **Shipping Method of Google Orders**, Users can choose the shipping methods of Google orders from the drop-down menu.
 - Add the order prefix of your choice in the Google Order Id Prefix.
 - You can Create New Product if SKU is not found in your Magento Store by selecting Yes from the Create New Product (if Not Exist).
 - Now in the Carrier Mapping column, you can map the Magento Carrier with the corresponding Google Carrier. You can add a new carrier by clicking on Add Carrier Button Present.
- 14. Now, click on Create Customer Setting, and the section expands as:
 - Create Customer Setting



- 15. Under Create Customer Setting, do the following steps:
 - Select Guest Checkout if you want the customer to checkout login once as a guest. Select Yes
 Under Create Real Customer if you want a real customer to be created. But when you select NO
 the following section expands as:

Create Customer Setting

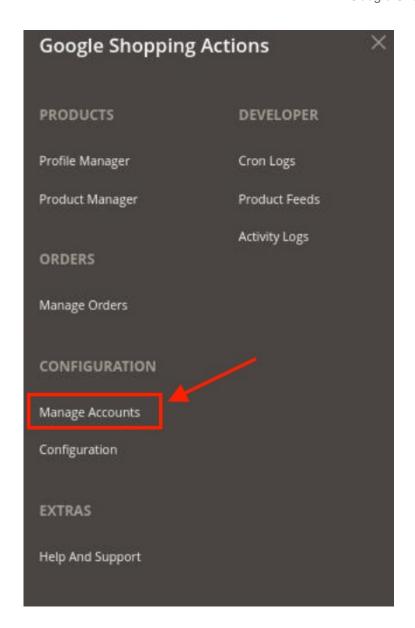


- Enter the Customer First Name in the next row.
- Enter the Customer Last Name in the next row.
- In the Customer Group, select the type of customer from the drop-down menu.
- Customer Email needs to be entered in the next section.
- Enter the **Password** of your choice.
- 16. Once all the actions have been taken so far, click on the Save Config button on the top right of the page.
- 17. The configuration will be saved.

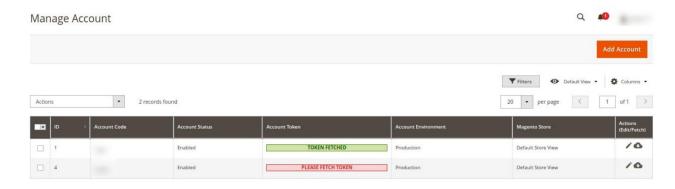
6. Manage Google Shopping Actions Accounts

To Manage Account On Google Shopping Actions

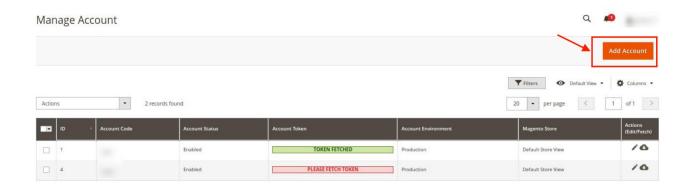
- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click Google Shopping Actions.



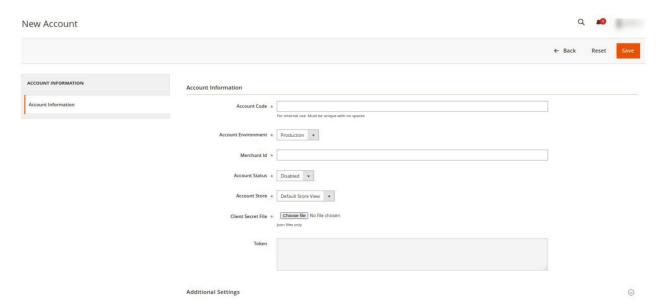
- 3. When the menu appears, click Manage Accounts.
- 4. On clicking it, you will be navigated to the page as shown below,



- 5. Here all the accounts are listed.
- 6. To add a new account, click on Add Account button on the top right corner.



7. You'll be redirected to a new page:



- 8. Enter the **Account Code** provided by Google Shopping Actions, in the first section.
- 9. Move to the next section and enter the **Account Environment**, to be either production or sandbox.
- 10. Enter the Merchant ID in the next section.
- 11. You can choose the status of the account under the section Account Status.
- 12. In the **Account Store** section choose the view of the store.
- 13. In the Client Secret File choose the file from the system.
- 14. The **Token** section reflects the token once it gets verified.
- 15. Then click on **Additional Settings**, it expands as shown below:

Additional Settings



- 16. In the Content Language, select the language from the list.
- 17. In Target Country, select the country.
- 18. In **Destination**, choose the desired destination for the account.
- 19. Once all the actions have been taken so far, click on the **Save** button on the top right of the page.

7. Manage Google Shopping Actions 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 Store attributes to the Google Shopping Actions attributes. These attributes are applicable to all the products that are assigned to the profile.

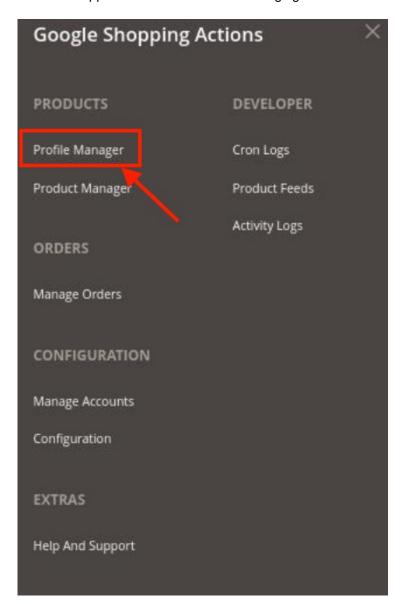
Admin can do the following tasks:

- Add a new profile
- Edit the existing profile
- · Delete the profile
- · Submit Actions on the Google Shopping Actions Profile Listing Page
- Product Manager

7.1. Add a New Profile

To add a new profile

- 1. Go to the Magento Admin panel.
- 2. On the left navigation bar, click the **Google Shopping Actions Integration** menu. The menu appears as shown in the following figure:



3. Click the **Profile Manager** menu.

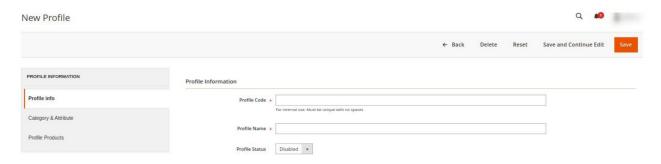
The **Google Shopping Actions Manage Profile** page appears as shown in the following figure:



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

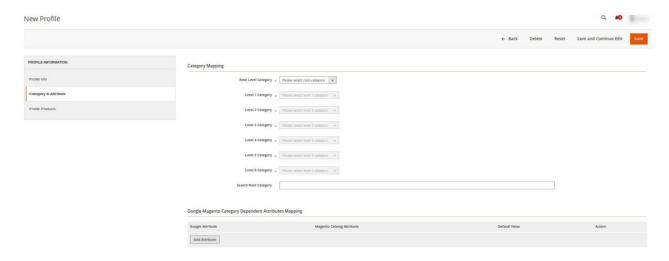


- 5. Select the account for which you want to create a new profile.
- 6. The new profile page appears as shown below:



- 7. In the **Profile Code** box, enter a profile code.
 - Note: It is only for the internal use. Use the unique profile code with no spaces. Start with small letters.
- 8. In the **Profile Name** box, enter the name of the profile.
 - Note: Use the unique name to identify the profile.
- 9. In the **Status** list, select **Enabled** to enable the profile.
 - Note: The Disabled option disables the profile.
- 10. Click the Save and Continue Edit button.
- 11. In the left navigation panel, click the Category & Attribute menu.

The page appears as shown in the following figure:



- 12. In the right panel, under **Category Mapping**, do the following steps:
 - In the **Root Level Category**, select the preferred Google Shopping Actions category that the admin wants to map.
 - In the right panel perform the required mapping.

- You can also Search Root Category from the box provided.
- Click the **Add Attribute** button to add more attributes.
- 13. In **Google Magento Category Dependent Attribute Mapping**, map the Google attributes with the Magento attributes.
- 14. In the left navigation panel, click the **Profile Products** menu. The page appears as shown in the following figure:

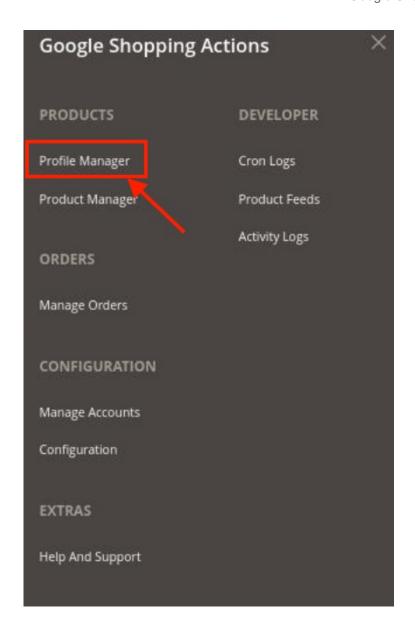


- 15. Since no products as assigned to the profile, there are no products listed in the table.
- 16. Click on the **Save** button present on the top right corner and the new profile will be saved.

7.2. Edit the Existing Profile

To edit the existing profile

- 1. Go to the Magento Admin panel.
- 2. On the top navigation bar, click the **Google Shopping Integration** menu. The menu appears as shown in the following figure:



3. Click the **Profile Manager** menu.

The **Google Shopping Actions Profile Listing** page appears as shown in the following figure:

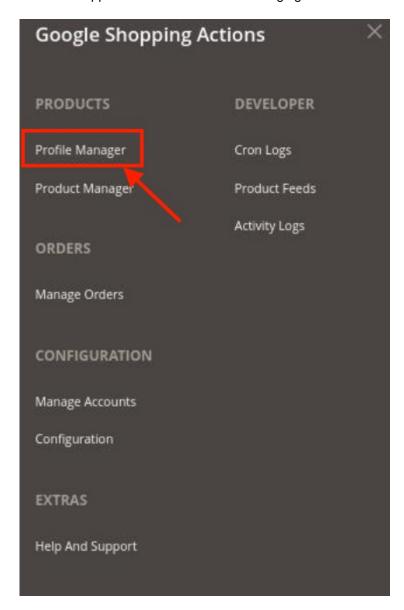


- 4. On this page, all the available profiles are listed.
- 5. Click the required row of the profile that the admin wants to edit and click on the **Edit** button.
- 6. The **Edit Profile** page will open.
- 7. Make the changes as per requirement.
- 8. Click on the Save Profile button, all the changes will be saved to the profile.

7.3. Delete the Profile

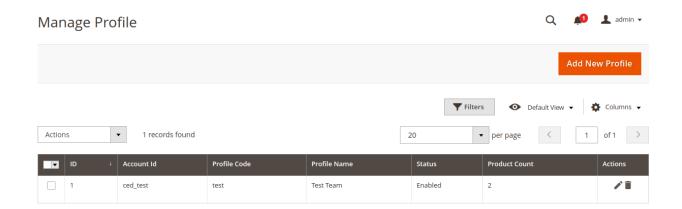
To delete the existing profile

- 1. Go to the Magento Admin panel.
- 2. On the top navigation bar, click the **Google Shopping Integration** menu. The menu appears as shown in the following figure:

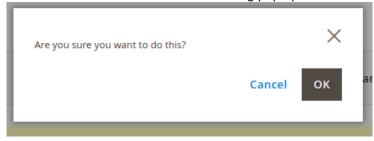


3. Click the **Profile Manager** menu.

The Google Shopping Actions Profile Listing page appears as shown in the following figure:



- 4. On this page, all the available profiles are listed.
- 5. Click the required row of the profile that the admin wants to delete.
- 6. Click on **Delete.** You will see the following pop up:



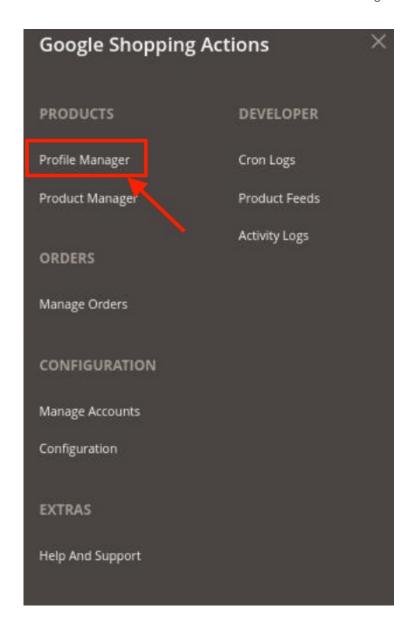
7. Click **OK** to confirm and the selected profile will be deleted.

7.4. Bulk Actions on the Google Shopping Actions Profile Listing Page

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

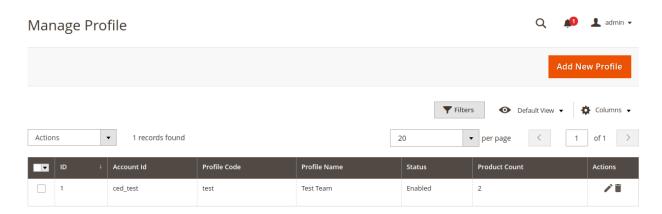
To delete the selected profiles in Bulk

- 1. Go to the **Magento Admin** panel.
- 2. On the top navigation bar, click the **Google Shopping Integration** menu. The menu appears as shown in the following figure:



3. Click **Profile Manager**.

The **Google Shopping Actions Profile Listing** page appears as shown in the following figure:

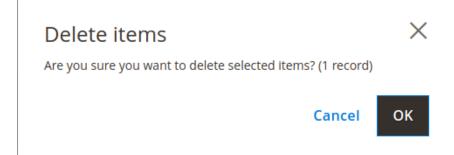


4. Click on the checkboxes of the profiles you want to delete.

5. On the **Actions** tab click on the dropdown. Click on **Delete** in order to remove the profiles.



6. A Pop-up is displayed to confirm your choice. Select OK to Delete the profile.



To change the status of the selected profiles:

1. Click on the checkboxes of the profiles you want to change the status of.



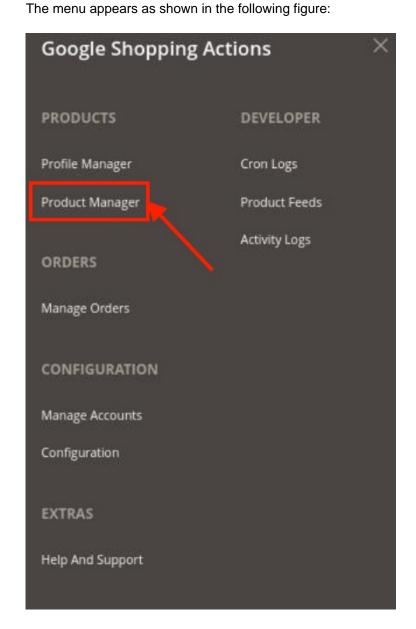
2. On the **Actions** tab, click on the dropdown. Click on **Disable/Enable** in order to change the status of the profiles.

When the status change is successfully performed a success message displays on the screen.

8. Upload Products on Google Shopping Actions

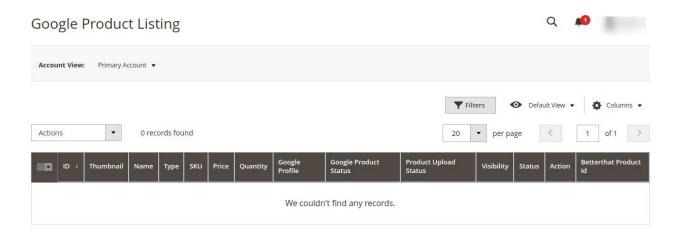
To upload a single product

- 1. Go to the **Magento Admin** panel.
- 2. On the top navigation bar, click the **Google Shopping Integration** menu.



3. Click on Product Manager.

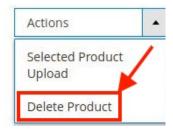
The **Product Manager** page will appear as shown below:



- 4. All the products will be displayed here.
- 5. Select the checkboxes respective to the products you want to upload
- 6. In the Action Column select Selected Product Upload from the drop-down.



- 7. The selected products will be uploaded.
- 8. To delete the products, select the products you want to delete.
- 9. In the Action Column select Delete Product from the drop-down.



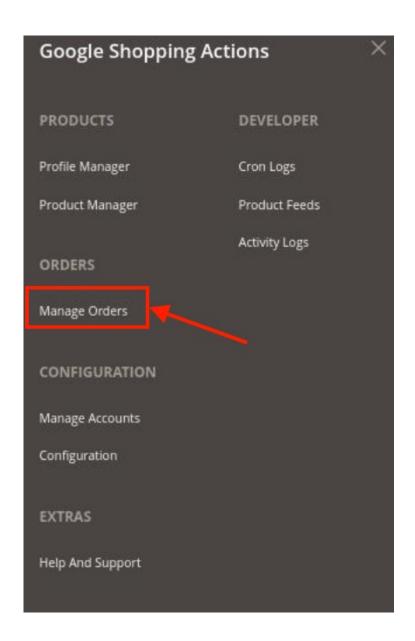
10. The selected products will be deleted.

9. Fetch Google Shopping Actions Orders

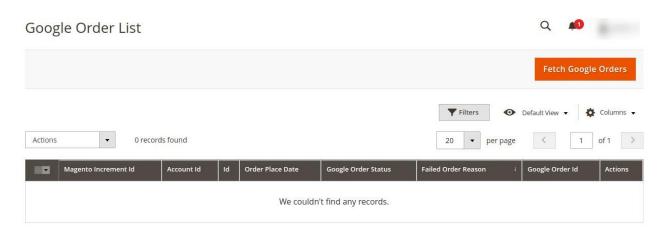
The user can fetch all the order details from Google Shopping Actions. Also, later on, can proceed further for shipment.

To fetch Google Shopping Actions Orders

- 1. Go to the Magento Admin panel.
- 2. On the top navigation bar, click the **Google Shopping Integration** menu. The menu appears as shown in the following figure:



3. The Google Shopping Actions Orders page appears as shown in the following figure:



4. Click on Fetch Google Orders.

The orders will be fetched and displayed in the Order grid.

Notes:

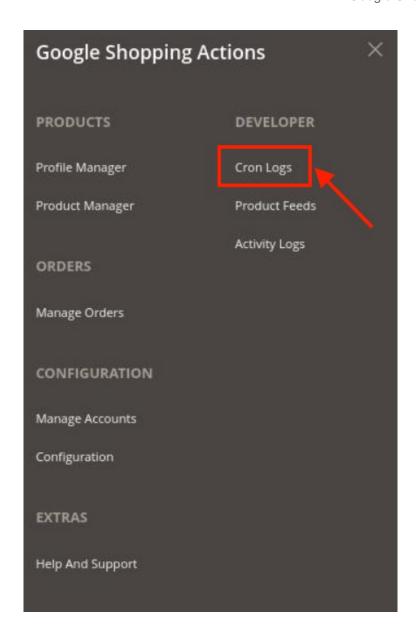
- Orders are automatically imported through CRON in every 10 minutes.
- Whenever the latest orders are imported from Google Shopping Actions, a Notification appears in the
 notification area of the Admin panel for those orders and they are Auto-Acknowledged as soon as they are
 imported into the Magento admin panel.
- If no Order is imported, then check the Failed order log on the Failed Google Shopping Actions Orders Import Log
- Order are auto-rejected on Google Shopping Actions in the following conditions:
 - When Google Shopping Actions Product SKU does not exist in Magento store.
 - When Product is Out of Stock in Magento store.
 - When a product is disabled in Magento store.

10. Google Shopping Actions Cron Logs

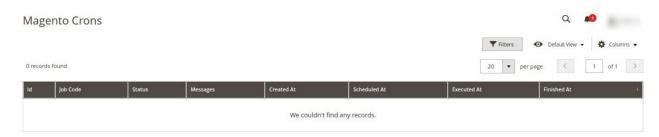
The Cron Logs page displays all the Cron details scheduled in Google Shopping Actions.

To view the Google Shopping Actions Cron details

- 1. Go to the **Magento Admin** panel.
- 2. On the top navigation bar, click the **Google Shopping Integration** menu. The menu appears as shown in the following figure:



Click on Cron Logs.The Magento Cron Page appears as shown below:

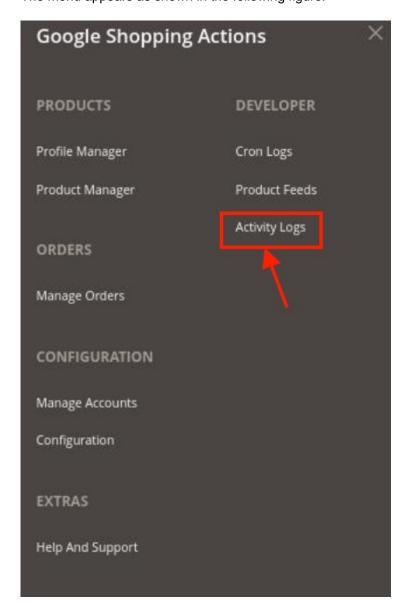


4. The running crons will be displayed here.

11. Google Shopping Actions Activity Logs

To view Google Shopping Actions Log Grid,

- 1. Go to the Magento Admin panel.
- 2. On the top navigation bar, click the **Google Shopping Integration** menu. The menu appears as shown in the following figure:



3. Click on the Activity Logs.

The **Google Shopping Actions Log Grid** page appears as shown in the following figure:

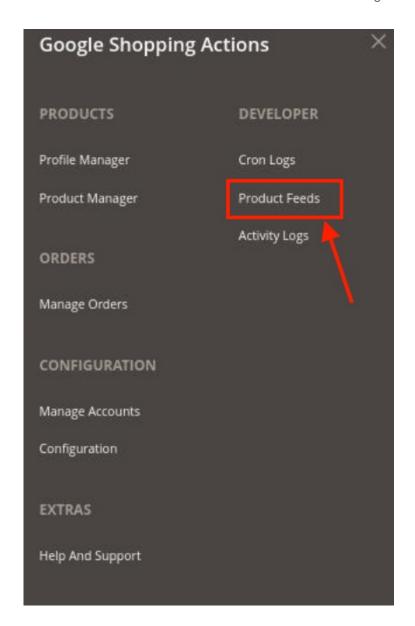


4. The logs will be displayed here.

12. Product Feeds

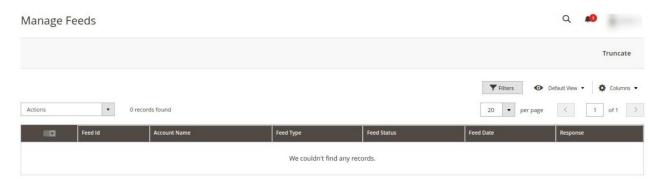
To view Product Feeds,

- 1. Go to the Magento Admin panel.
- 2. On the top navigation bar, click the **Google Shopping Integration** menu. The menu appears as shown in the following figure:



3. Click on Product Feeds.

The Product Feeds page appears as shown below:

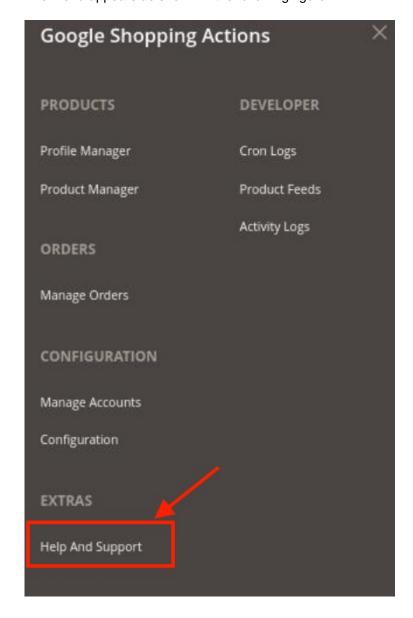


- 4. The product feeds will be displayed here.
- 5. To delete the feeds click on the **Truncate** button.

13. Help & Support

To view the Help & Support section,

- 1. Go to the **Magento Admin** panel.
- 2. On the top navigation bar, click the **Google Shopping Integration** menu. The menu appears as shown in the following figure:



3. Click Help & Support.

The **Help and Support** page appears as shown below:



4. You can view Cedcommerce User Guide Support, Google Merchant Account Url, Google Official Knowledgebase by clicking on the respective sections.