	Google Shopping Feed Integration for Magento 2
Google Shopping Feed I	ntegration for Magento 2
by	CedCommerce Products Documentation

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1. Overview

Google Shopping is a service by Google allowing customers to search, view, and compare products. It was launched as Froogle on February 12, 2002. Google Shopping is a service and program that allows customers to search, compare and shop for physical products across different retailers who have paid to advertise their products. For the longest time, around a decade to be more accurate, Google Shopping was simply a place where products were simply indexed based on Keywords.

Magento Integration for Google Shopping Feed is a solution for sellers to help boost their business growth. This innovative integration is the tool for all the sellers to automate their selling process with its exclusive features. Uploading your products, managing inventory, and much more is possible on a single dashboard with this handy tool.

Key Features:

- The sellers can easily upload/update products in bulk on the Google Shopping marketplace.
- The sellers can easily manage simple products easily via profiles with Google Shopping Feed integration.
- The feed section helps sellers to track the products sent to Google.
- Managing multiple google account stores from a single Magento 2 store is now much easier.
- The embedded crons automatically synchronize the inventory and price of the products at a regular interval of time.
- Deleting of product in bulk is now easier with the Google Shopping Feed integration for Magento

2. Google Shopping Feed Extension Installation

To install extension

- Please upload & extract the GShop.zip(http://gshop.zip/)
 file in magento root directory. (The zip file contains the GShop File & Integrator File(inside the
 app/code/Ced/ directory)).
- 2. Run the below command from the Magento root directory.

```
composer require google/apiclient
php -dmemory_limit=-1 bin/magento setup:upgrade
php -dmemory_limit=-1 bin/magento setup:di:compile
php -dmemory_limit=-1 bin/magento setup:static-content:deploy -f
php bin/magento index:reindex
php -dmemory_limit=-1 bin/magento cache:clean
php -dmemory_limit=-1 bin/magento cache:flush
```

3. Configure Merchant Account

To configure your Merchant Account

Please

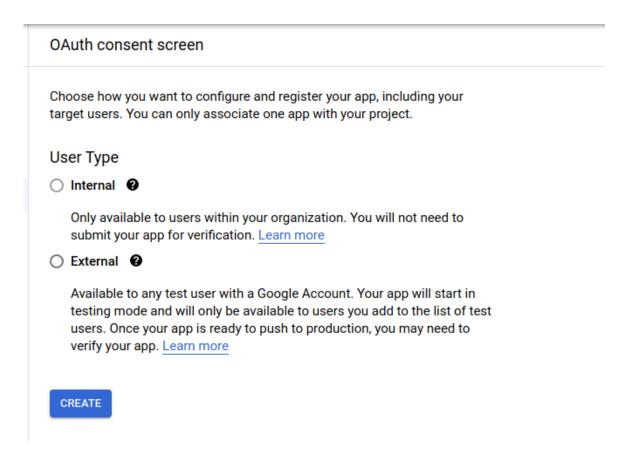
visit http://console.cloud.google.com/apis/credentials(http://console.cloud.google.com/apis/credentials) link to configure it with your merchant account,

1. Go to above link Create a new project,



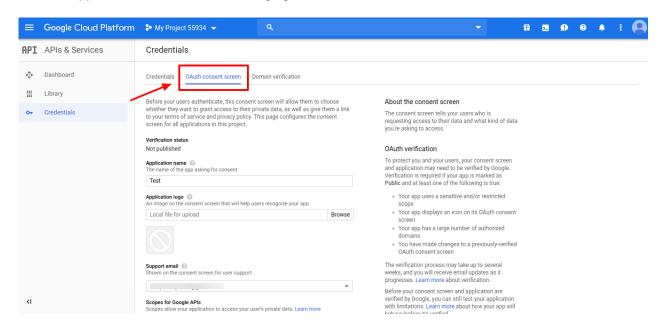
CANCEL OPEN

2. Select OAuth consent screen.

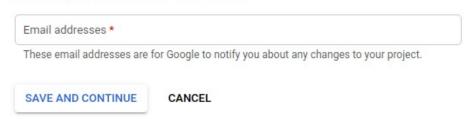


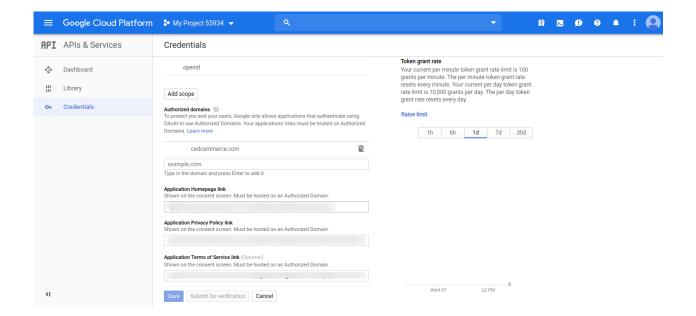
3. In User Type select External.

The tab appears as shown in the following figure:



Developer contact information





- 4. 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

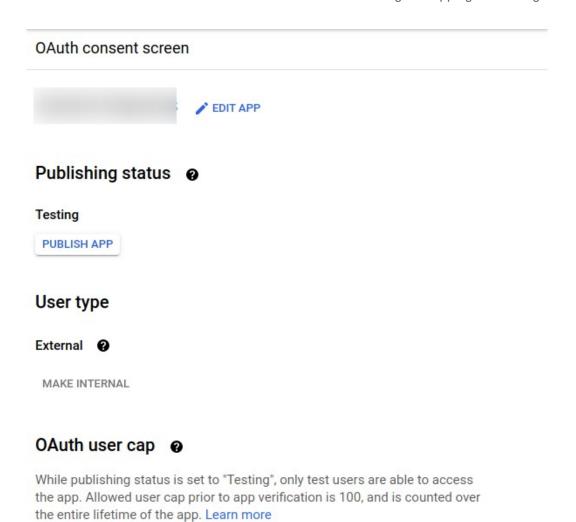
- e. In the **Application Homepage link** box, enter your store homepage link.
- f. In the Application Privacy Policy link box, enter your store application privacy policy link.

g.

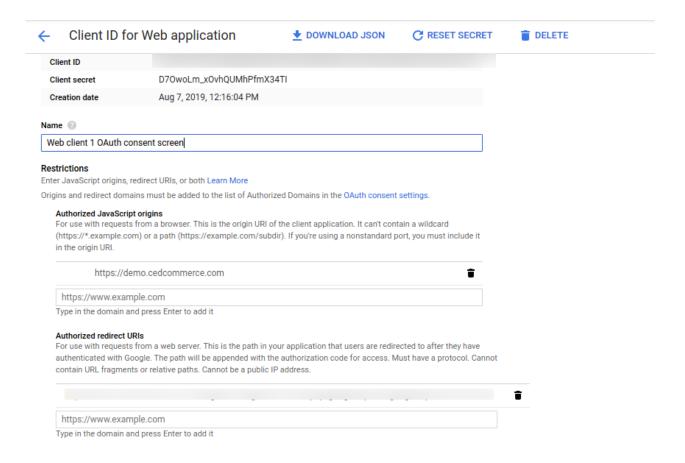
In the Application Terms of Service link box, enter your store application terms of service link.

- 5. In **Developer Contact Information**, the seller can enter multiple email Id.
- 6

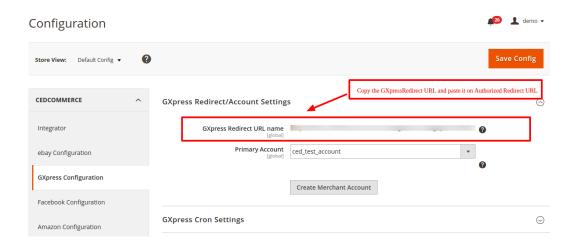
Then click on the Save button to save the OAuth consent screen information.



7. Then comes to the **Credentials** Tab & click on **Create Credential Button** & **select OAuth Client ID**The tab appears as shown in the following figure:

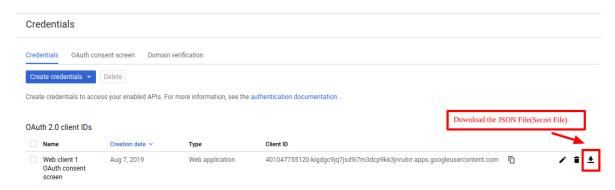


- 8. In the **Credentials** sections, do the following steps:
 - a. In the Name section, enter the name of OAuth Client ID name.
 - b. In the Authorized JavaScript origins box, enter your store application domain name.
 - c. In the Authorized redirect URIs box, do the following steps:
 - i. Go to the 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:

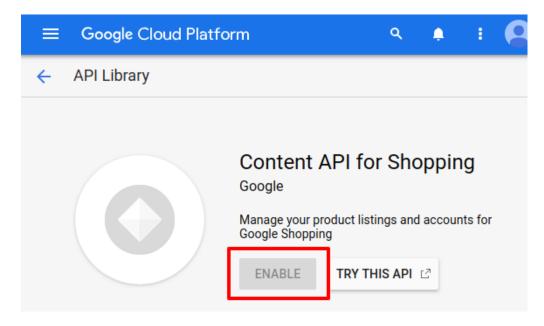


- d. Then click on the Save Button to save the Credentials information.
- e. Once you **Save** it then you can download the **JSON file** from there which you can use as a secret key file.

The tab appears as shown in the following figure:



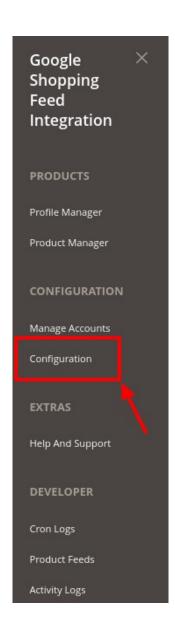
- f. Once you download the JSON File (Secret File). Go to the Magento Admin Panel.
- g. Go to Google Shopping Actions Configuration Settings.
- h. Then Client needs to be **Enable** Content Shopping API. The tab appears as shown in the following figure:
- i. Click on **Enable Shopping API** section,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



4. Configuration Settings

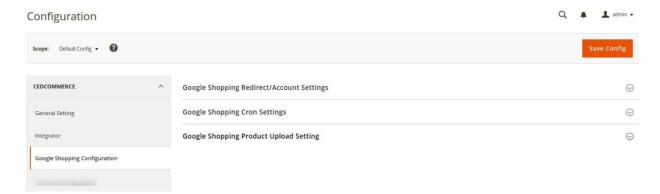
To set up the Configuration Settings,

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:

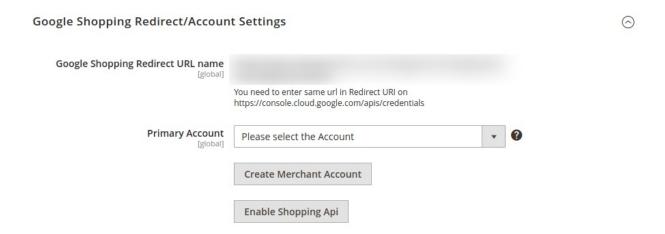


3. Click on Configuration.

The **Configuration** page appears as shown below:



4. Click on Google Shopping Redirect/Account Settings. The tab expands as:



- 5. Under **Google Shopping Redirect/Account Settings** do the following steps:
 - In **Google Shopping Redirect URL Name**, the URL will be displayed that you will be copying in your seller account.
 - In Primary Account, a Profile will automatically create for the selected account. Different profiles
 are created for different accounts so if you are creating a new profile then you have to select the
 dedicated account for that profile.
 - Click on Create Merchant Account, to create a new merchant account.
 - · Click on **Enable Shopping Api**, to enable the Shopping API from the merchant center.
- 6. Scroll down to Google Shopping Cron Settings, the tab is expanded as:



- 7. Under Google Shopping Cron Settings, do the following steps:
 - In **Auto Upload Cron**, select **Enable** if you want to enable the upload cron automatically.
- 8. Now scroll down and click on Google Shopping Product Upload Setting, the tab is expanded as:



9. Under Google Shopping Product Upload Setting do the following steps:

In **Upload Format**, select the format in which you want to upload the product.

In the **Debug mode**, select **Yes** if you want to enable the debugging mode to create logs. In **Product Price**, 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 Feed 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 Feed 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 Feed 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 Decrease By Fixed Percentage option

Modify by Fix Price = 5

100 - 5% of 100 = 100 - 5 = 95

Thus, Google Shopping Feed Product Price = 95

In the **Product Chunk Size**, enter the default size of a chunk.

In **Exclude Out of stock**, if you select **Yes** then out-of-stock products if will not be uploaded but if you select **No** then the out stock products will also be uploaded along with the other products.

In Sale Price, select Yes if you want to enable the sale price (special price).

In Sale Price Expires on, enter the date on which the special price will end.

In the Tax Price Settings, select Yes if you want to enable the tax on the price.

In the Tax Percentage Rate, enter the tax rates.

In **Use MSI Feature For Inventory**, select **Yes** if you want o send the inventory to Google Adwords.

In Use Buffer Quantity For Inventory, select Yes if want buffer quantity.



Then in **Buffer Attribute**, select the buffer attribute to map product identifier for the Google Adwords.

10. Click on the Save Config button.

The configuration will be saved.

5. Manage Google Shopping Feed Account

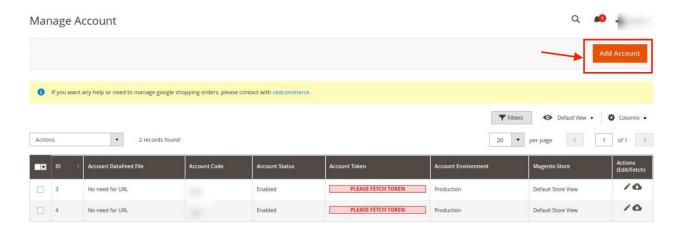
To Manage Accounts

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:

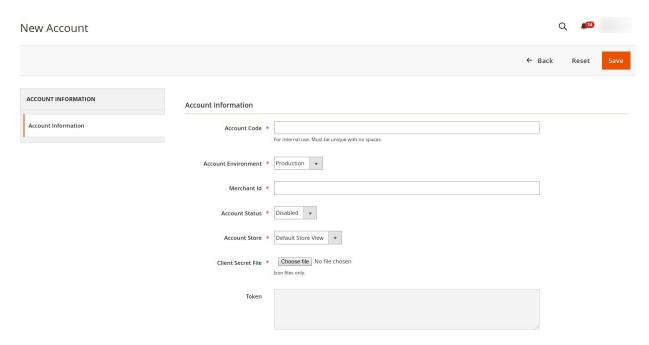


3. Click on Manage Accounts.

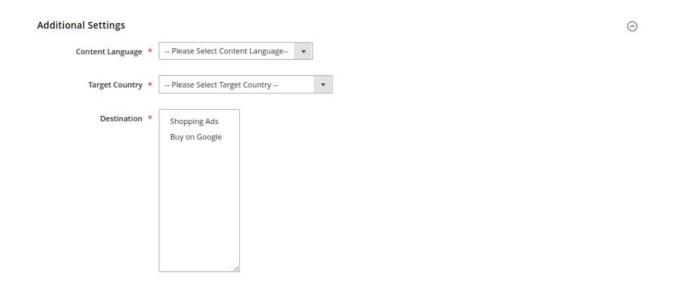
The **Manage Account** page appears as shown below:



4. Click on Add Account button, to add a new account. The New Account page appears:



- 5. Under **Account Information**, do the following steps:
 - In the Account Code, enter any code as per your choice as it is for the internal use only. (Note: You can not use space and special characters in the Account Code.)
 - In the Account Environment, select the environment from the list.
 - In the Merchant Id, enter the seller id.
 - In the Account Status, choose the status of the account.
 - In the **Account Store**, select the store view.
 - In the Client Secret File, choose the file from the system(https://docs.cedcommerce.com/magento -2/google-shopping-feed-magento-2-integration-user-guide/?section=configure-merchant-account)
 - The **Token** section reflects the token once it gets verified.
- 6. Then click on Additional Settings, the section is expanded as shown below:

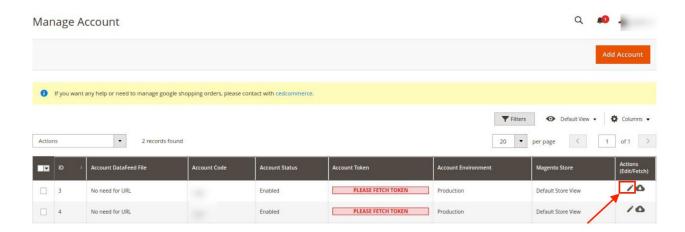


- 7. Under Additional Settings, do the following steps:
 - In the Content Language, select your preferred language for your selected target country.
 - In **Target Country**, select the country for which you want to list your product
 - In the Included Destination, select the destinations from the list.
- 8. Click on the Save button.

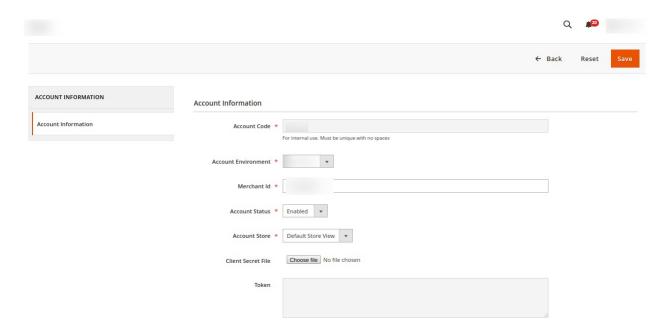
A new account will be created.

To Edit an Account,

- Select the account you want to edit.
- Click on the Edit button under the Actions column.



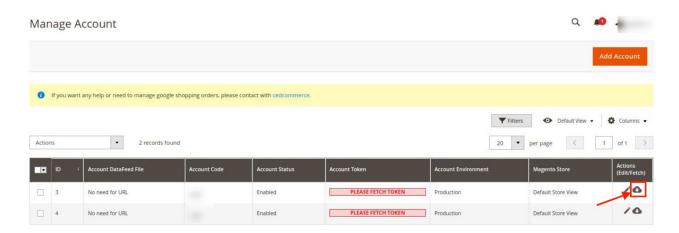
• The Edit Account page appears as shown below:



- Do the required changes in the account.
- Click on the Save button.
 The changes will be saved.

To Fetch Token,

- Select the account you want to edit for which you want to fetch tokens.
- Click on the Fetch Token button under the Actions column.



• After clicking on the **Fetch Token** button the google account will be verified and the token will be automatically saved.

6. Manage Profile

Admin can do the following tasks in the Manage Profile Section:

- Add New Profile
- Edit the existing Profile
- Delete Profile
- Perform Bulk Actions

6.1. Add New Profile

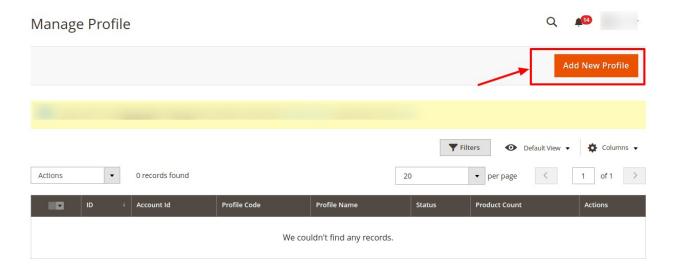
To Add New Profile

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:

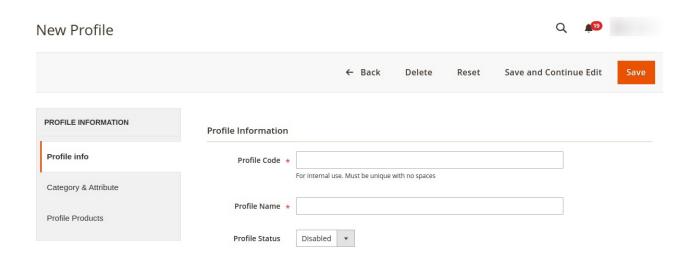


3. Click on Profile Manager.

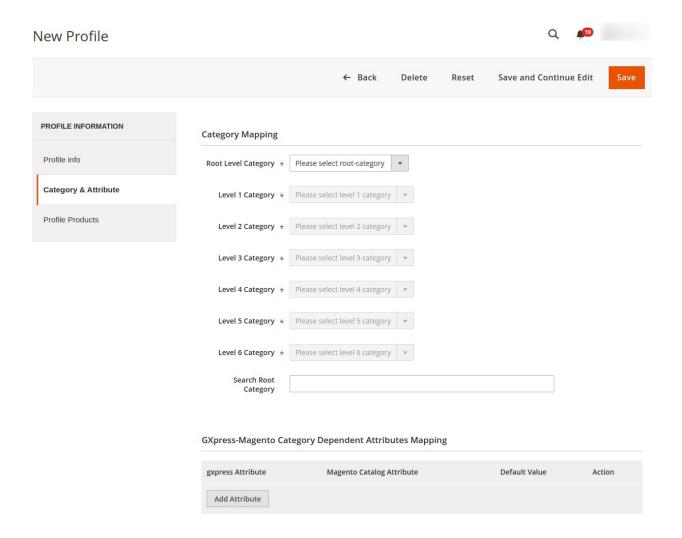
The Manage Profile page appears as shown below:



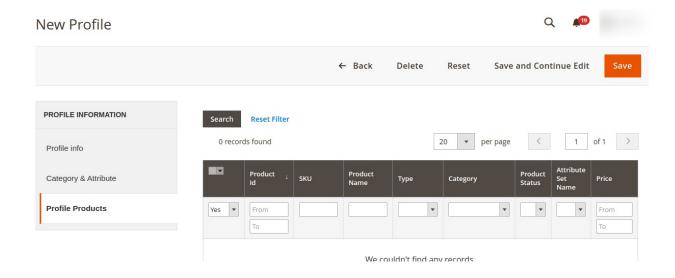
4. Click on **Add New Profile** button. The **New Profile** page appears:



- 5. In the **Profile Code** box, enter the unique profile code.
- 6. In **Profile Name**, enter the name of the profile.
- 7. In the **Profile Status**, select **Enabled** to enable the profile.
- 8. Click the Save and Continue Edit button.
- 9. In the left navigation panel, click the **Category and Attribute** menu. Th tab is opened as shown below:



- 10. Now under **Category Mapping** do the following steps:
 - In the **Root Level Category**, select the preferred Google Shopping category that the admin wants to map.
 - Perform the required mapping with the categories.
 - You can also Search Root Category from the box provided.
 - Click the Add Attribute button to add more attributes.
- 11. Click the Save and Continue Edit button.
- 12. In the left navigation panel, click the **Profile Products** menu. The page appears as shown in the following figure:



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

6.2. Edit Existing Profile

To Edit Existing Profile

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:



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



- 5. On this page, all the available profiles are listed.
- 6. Click the required row of the profile that the admin wants to edit.



- 7. The Edit Profile page will appear. Make the required changes in the profile.
- 8. Click the **Save** button.
- 9. The changes will be saved.

6.3. Delete Profile

To Delete Profile

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:



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



- 5. On this page, all the available profiles are listed.
- 6. Click the required row of the profile that the admin wants to delete.
- 7. In the **Actions**, column click on the **Delete** button. The selected profile will be deleted.

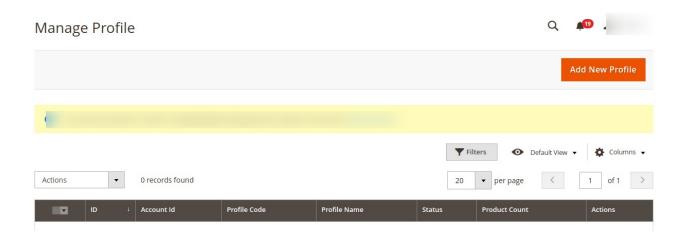
6.4. Submit Actions On the Manage Profile Page

To submit actions in bulk

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:



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



5. On this page, all the available profiles are listed.

To Delete Profiles,

- 1. Click on the checkboxes of the profiles you want to delete.
- 2. On the Actions, tab click on the dropdown. Click on Delete in order to remove the profiles.



- 3. A Pop-up is displayed to confirm your choice. Select **OK** to Delete the profile.
- 4. The selected profiles will be deleted.

To Disable Profiles,

- 1. Click on the checkboxes of the profiles you want to disable.
- 2. On the **Actions**, tab click on the dropdown. Click on **Disable** in order to disable the profiles.



- 3. A Pop-up is displayed to confirm your choice. Select **OK** to Disable the profile.
- 4. The selected profiles will be disabled.

To Enable Profiles,

- 1. Click on the checkboxes of the profiles you want to enable.
- 2. On the **Actions**, tab click on the dropdown. Click on **Enable** in order to enable the profiles.

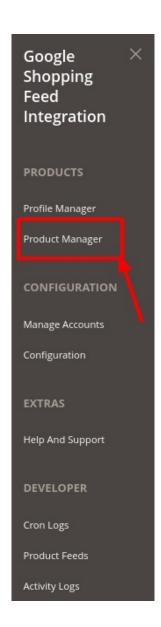


- 3. A Pop-up is displayed to confirm your choice. Select **OK** to Enable the profile.
- 4. The selected profiles will be enabled.

7. Manage Product

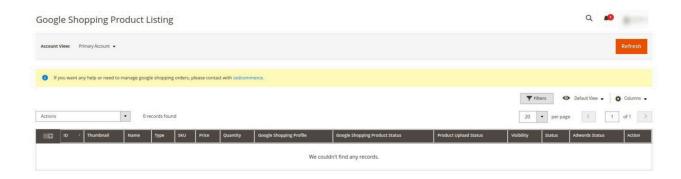
To Manage Products

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:



3. Click on **Product Manager**.

The **Product Listing Page** appears as shown below:



4. To add the new products to the grid, click on the **Refresh** button. If there is any new product that will be displayed in the grid.

To Include Products in Bulk,

- Select the products which you want to include by checking the corresponding boxes.
- Click the Arrow button next to the Actions list, and then click Include.



• The selected products will be included.

To Exclude Products in Bulk,

- Select the products which you want to exclude by checking the corresponding boxes.
- Click the Arrow button next to the Actions list, and then click Exclude.



• The selected products will be excluded in bulk.

To Upload Product,

- Select the products which you want to Upload by checking the corresponding boxes.
- Click the Arrow button next to the Actions list, and then click Upload.



• The selected products will be uploaded.

To Delete Product,

- Select the products which you want to Delete by checking the corresponding boxes.
- Click the **Arrow** button next to the **Actions** list, and then click **Delete Product**.



• The selected products will be deleted.

8. Developer Options

The Developer Section covers the following sections:

- Cron Logs
- Products Feeds
- Activity Logs

8.1. Cron Logs

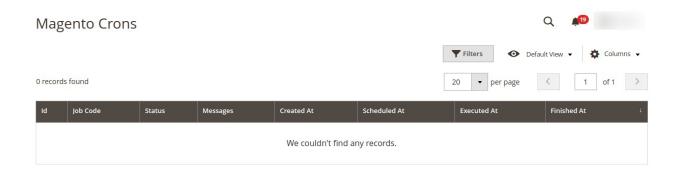
To View Cron Logs

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:



3. Click on Cron Logs.

The **Crons Page** appears as shown below:



4. The crons will be displayed on this page.

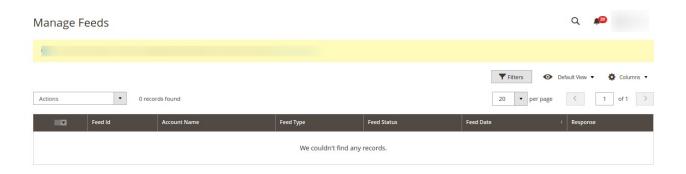
8.2. Product Feeds

To View Product Feeds

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:



3. Click on **Product Feeds.**The **Feeds** Page will appear as:



4. You can manage the feeds from here.

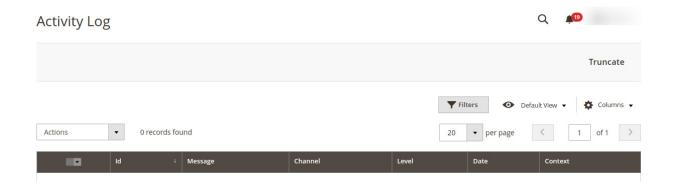
8.3. Activity Logs

To View Activity Logs

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:



3. Click on **Activity Logs.**The **Activity Log page** appears as shown below:



- 4. The Id with the messages will be displayed here.
- 5. You can delete the records by clicking on **Delete** under the **Actions** option.



6. The selected records will be deleted.

9. Help & Support

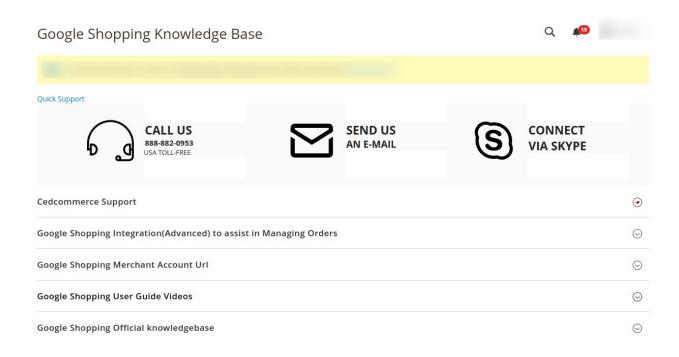
To view the Help & Support Section

- 1. Go to the Magento 2 admin panel.
- 2. On the left navigation bar, click on the **Google Shopping Feed Integration** option. The menu appears as shown below:



3. Click on Help & Support.

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



- 4. For Quick Support, you can connect with us via Call, Email, or Skype.
- 5. In **CedCommerce Support**, you will be redirected to our product page.
- 6. In Google Shopping Merchant Account Url, you will be redirected to the Google Merchant Center.
- 7. In Google Shopping user Guide Videos, you will be redirected to the user guides videos.
- 8. In **Google Shopping official Knowledgebase**, you will be redirected to the Google SHopping Integration Knowledgebase.