

Google Shopping Feed Integration 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. 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**,

Select a project

Search projects and folders

RECENT	ALL
Name	ID
✓ My Project 55934	caramel-gate-249106

CANCEL OPEN

2. Select OAuth consent screen.

The tab appears as shown in the following figure:

Google Cloud Platform My Project 55934

APIs & Services

- Dashboard
- Library
- Credentials**

Credentials

Credentials **OAuth consent screen** Domain verification

Before your users authenticate, this consent screen will allow them to choose whether they want to grant access to their private data, as well as give them a link to your terms of service and privacy policy. This page configures the consent screen for all applications in this project.

Verification status
Not published

Application name
The name of the app asking for consent
Test

Application logo
An image on the consent screen that will help users recognize your app
Local file for upload

Support email
Shown on the consent screen for user support

Scopes for Google APIs
Scopes allow your application to access your user's private data. [Learn more](#)

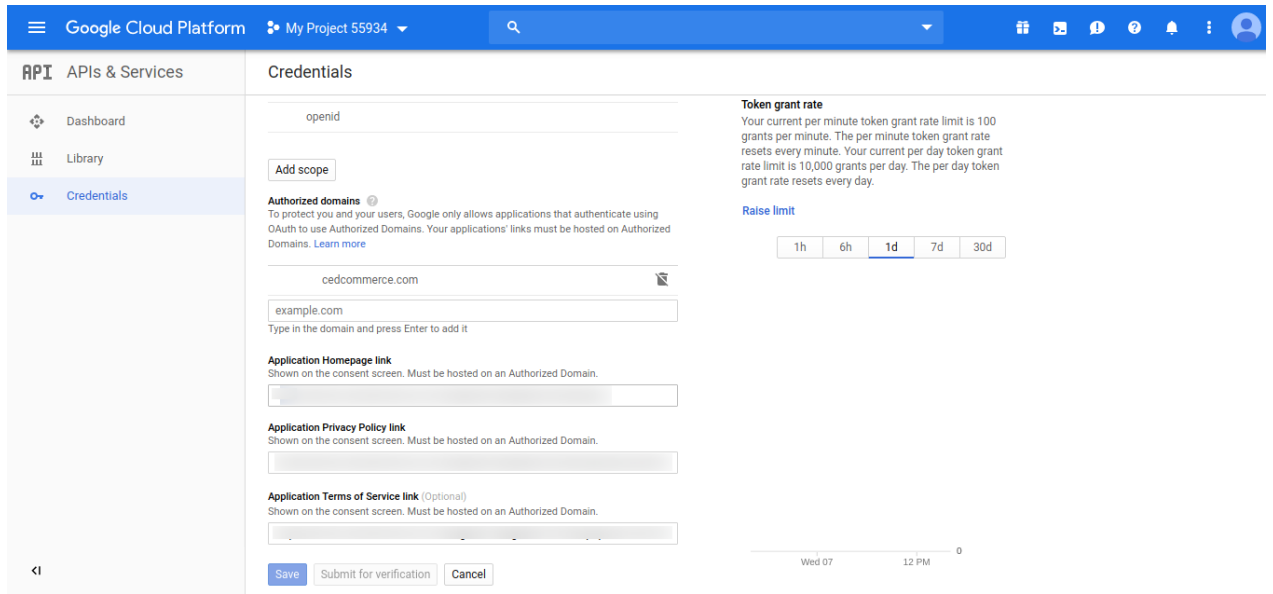
About the consent screen
The consent screen tells your users who is requesting access to their data and what kind of data you're asking to access.

OAuth verification
To protect you and your users, your consent screen and application may need to be verified by Google. Verification is required if your app is marked as **Public** and at least one of the following is true:

- Your app uses a sensitive and/or restricted scope
- Your app displays an icon on its OAuth consent screen
- Your app has a large number of authorized domains
- You have made changes to a previously-verified OAuth consent screen

The verification process may take up to several weeks, and you will receive email updates as it progresses. [Learn more](#) about verification.

Before your consent screen and application are verified by Google, you can still test your application with limitations. [Learn more](#) about how your app will behave before its verified.



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:

← Client ID for Web application ↓ DOWNLOAD JSON ↻ RESET SECRET 🗑 DELETE

Client ID	[REDACTED]
Client secret	D70woLm_xOvhQUMhPfmX34TI
Creation date	Aug 7, 2019, 12:16:04 PM

Name ?

Web client 1 OAuth consent screen

Restrictions
 Enter JavaScript origins, redirect URIs, or both [Learn More](#)
 Origins and redirect domains must be added to the list of Authorized Domains in the [OAuth consent settings](#).

Authorized JavaScript origins
 For use with requests from a browser. This is the origin URI of the client application. It can't contain a wildcard (https://*.example.com) or a path (https://example.com/subdir). If you're using a nonstandard port, you must include it in the origin URI.

https://demo.cedcommerce.com 🗑

https://www.example.com
 Type in the domain and press Enter to add it

Authorized redirect URIs
 For use with requests from a web server. This is the path in your application that users are redirected to after they have authenticated with Google. The path will be appended with the authorization code for access. Must have a protocol. Cannot contain URL fragments or relative paths. Cannot be a public IP address.

[REDACTED] 🗑

https://www.example.com
 Type in the domain and press Enter to add it

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:

Configuration 🔔 26 👤 demo

Store View: Default Config ? Save Config

CEDCOMMERCE ^

- Integrator
- ebay Configuration
- GXpress Configuration**
- Facebook Configuration
- Amazon Configuration

GXpress Redirect/Account Settings ?

GXpress Redirect URL name ?

Primary Account ?

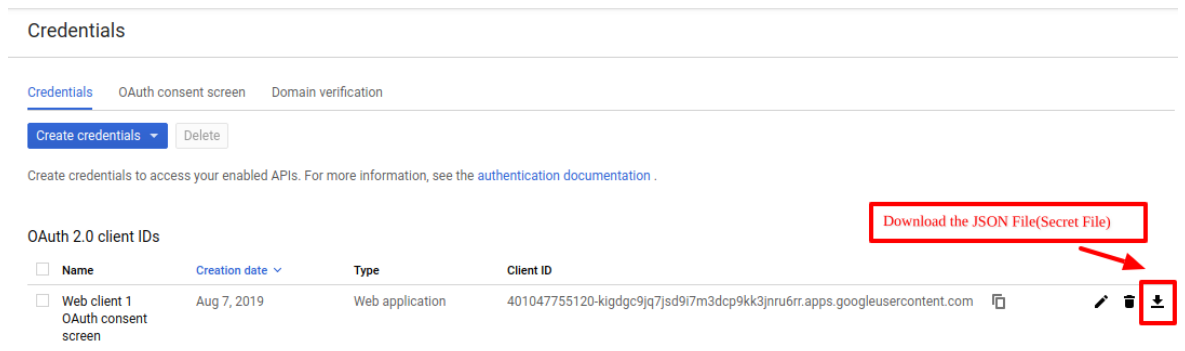
Create Merchant Account

GXpress Cron Settings ?

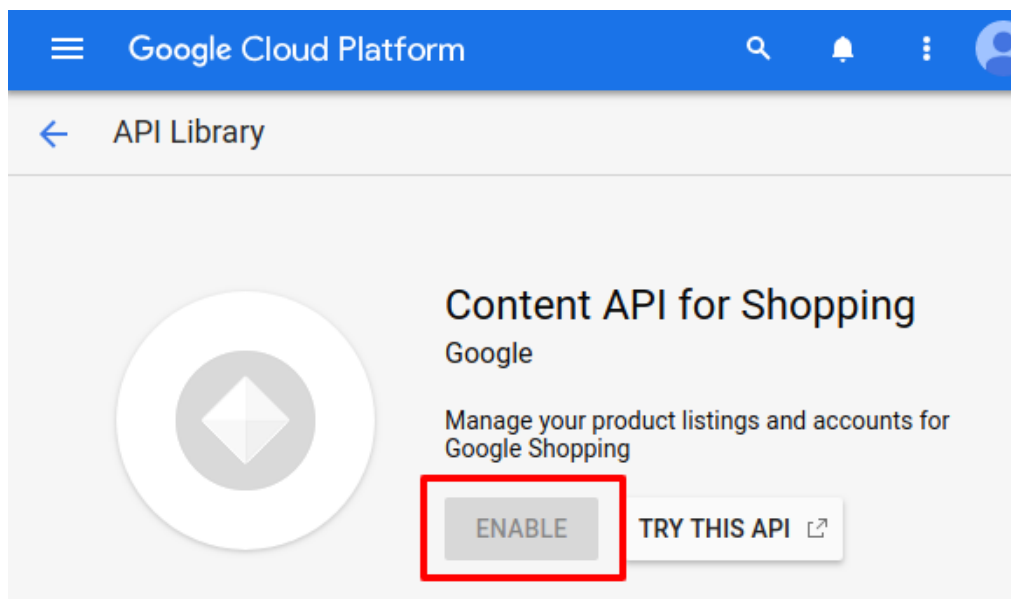
Copy the GXpressRedirect URL and paste it on Authorized Redirect URL

- 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:



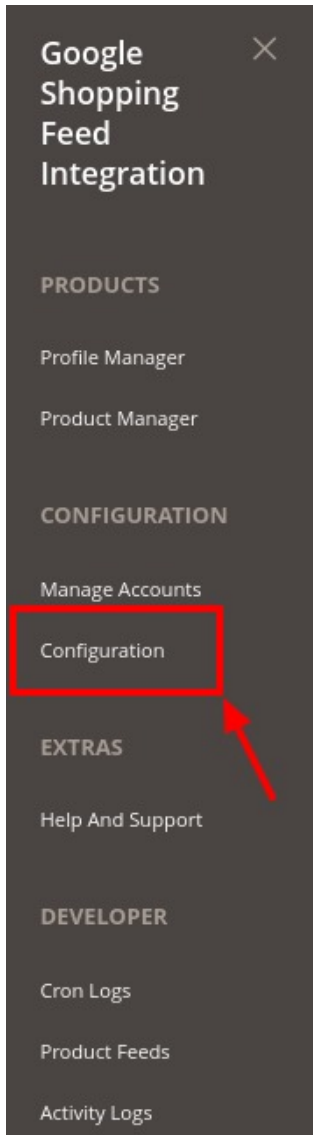
- f. Once you download the JSON File (Secret File). Go to the **Magento Admin Panel**.
- g. Go to **Google Shopping Actions Configuration Settings**.
- h. Then Client needs to be **Enable** Content Shopping API.
The tab appears as shown in the following figure:
- i. Click on **Enable Shopping API** section,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



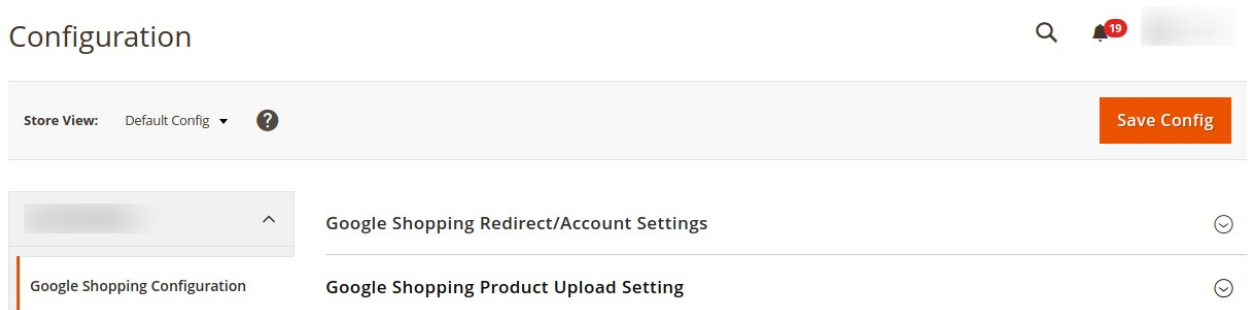
3. Configuration Settings

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:

Google Shopping Redirect/Account Settings



Google Shopping Redirect URL name
[global]

You need to enter same url in Redirect URI on
<https://console.cloud.google.com/apis/credentials>

Primary Account
[global]

Please select the Account



Create Merchant Account

Enable Shopping Api

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**, 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. Now scroll down and click on **Google Shopping Product Upload Setting**, the tab is expanded as:

Google Shopping Product Upload Setting



Debug Mode [global]

Product Price [global]
Select to send different product price to **shopping.google.com**

Product Chunk Size [global]
Enter the size of a chunk

Content Language [global]

Target Country [global]

Included Destination [global]

- Shopping Ads
- Shopping Actions
- Display Ads
- Surfaces across Google

To Enable Google Express - Select "Shopping Action" To Enable Google Shopping - Select "Shopping" To Enable Ads - Select "Display Ads"

Sale Price [global]

Tax Price Settings [global]

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

In the **Debug mode**, select **Yes** if you want to enable the debugging mode.

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

$100 + 5\% \text{ of } 100 = 100 + 5 = 105$

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

Thus, Google Shopping Feed Product Price = 95

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

In 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.

<p>Sale Price [global]</p>	Yes ▼
<p>Sale Price Expires on [global]</p>	
<p>Tax Price Settings [global]</p>	Yes ▼
<p>Tax Percentage Rate [global]</p>	

enter Tax Rates applied on shipping (in %)

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.

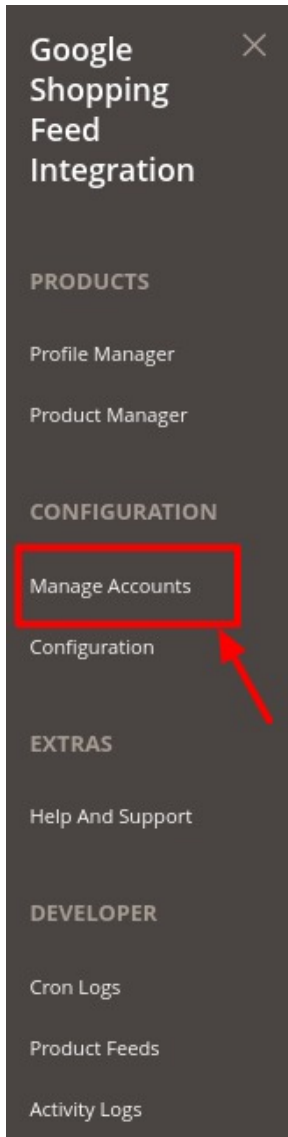
8. Click on the **Save Config** button.

The configuration will be saved.

4. Manage Google Shopping Feed Account

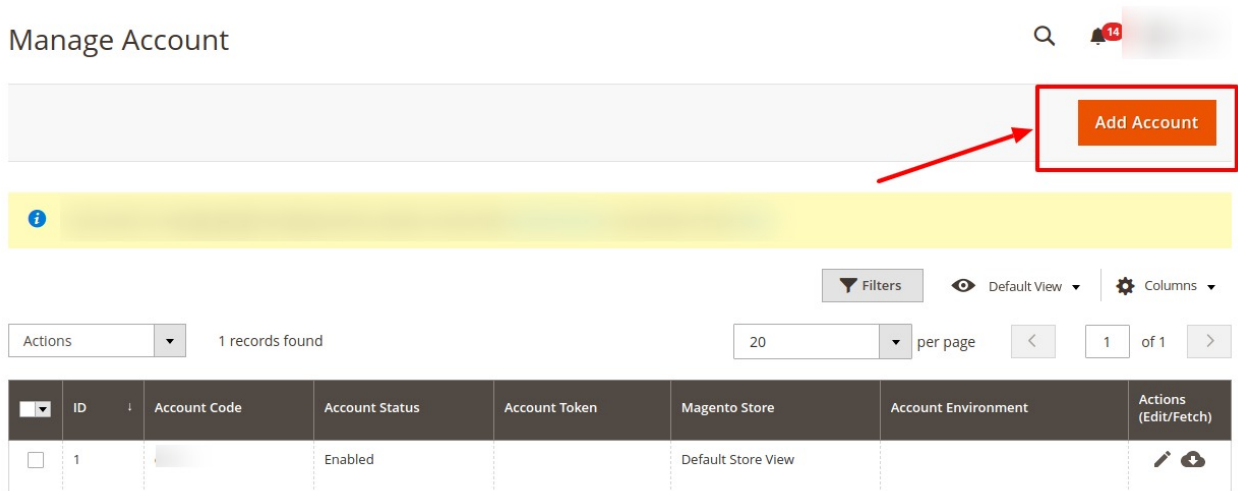
To Manage Accounts

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:



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

- 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.
- Click on the **Save** button.
The 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.

ID	Account Code	Account Status	Account Token	Account Environment	Magento Store	Actions (Edit/Fetch)
1		Enabled		Default Store View		

- 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 token.
- Click on the **Fetch Token** button under the **Actions** column.

ID	Account Code	Account Status	Account Token	Account Environment	Magento Store	Actions (Edit/Fetch)
1		Enabled			Default Store View	

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

5. Manage Profile

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

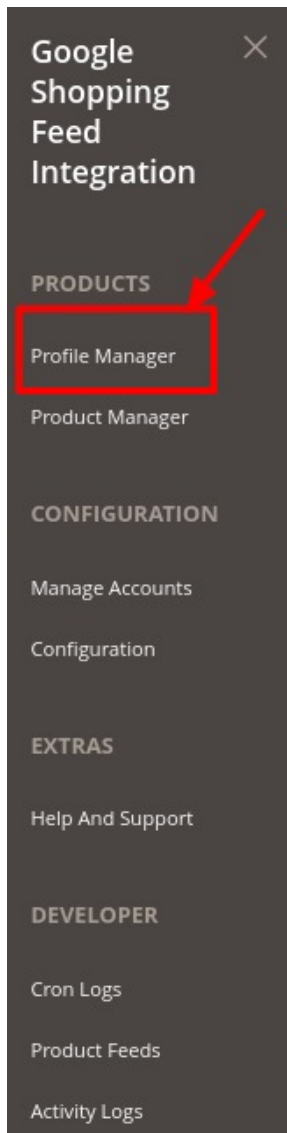
- Add New Profile

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

5.1. 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:

Manage Profile

The screenshot shows the 'Manage Profile' interface. At the top right, there is a search icon, a notification bell with '14', and a user profile icon. Below this is a horizontal bar with the 'Add New Profile' button highlighted in a red box, with a red arrow pointing to it. Underneath is a yellow bar. The main content area includes a 'Filters' button, 'Default View' (eye icon), and 'Columns' (gear icon). Below that is a table with columns: ID, Account Id, Profile Code, Profile Name, Status, Product Count, and Actions. The table is empty, showing '0 records found' and a message 'We couldn't find any records.' There are also pagination controls showing '20 per page' and '1 of 1'.

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

New Profile

The screenshot shows the 'New Profile' page. At the top right, there is a search icon, a notification bell with '19', and a user profile icon. Below this is a navigation bar with buttons: 'Back', 'Delete', 'Reset', 'Save and Continue Edit', and 'Save'. The main content area is divided into a left sidebar and a main form area. The sidebar has three tabs: 'Profile info' (selected), 'Category & Attribute', and 'Profile Products'. The main form area is titled 'Profile Information' and contains three fields: 'Profile Code' (with a red asterisk and a note 'For internal use. Must be unique with no spaces'), 'Profile Name' (with a red asterisk), and 'Profile Status' (a dropdown menu currently set to 'Disabled').

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:

New Profile



← Back Delete Reset Save and Continue Edit Save

PROFILE INFORMATION

Profile info

Category & Attribute

Profile Products

Category Mapping

Root Level Category *

Level 1 Category *

Level 2 Category *

Level 3 Category *

Level 4 Category *

Level 5 Category *

Level 6 Category *

Search Root Category

GXpress-Magento Category Dependent Attributes Mapping

gpress Attribute	Magento Catalog Attribute	Default Value	Action
<input type="button" value="Add Attribute"/>			

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:

New Profile



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

PROFILE INFORMATION

Profile info

Category & Attribute

Profile Products

Search [Reset Filter](#)

0 records found

20

per page



1

of 1



<input type="checkbox"/>	Product Id	SKU	Product Name	Type	Category	Product Status	Attribute Set Name	Price
Yes	From To							From To

We couldn't find any records

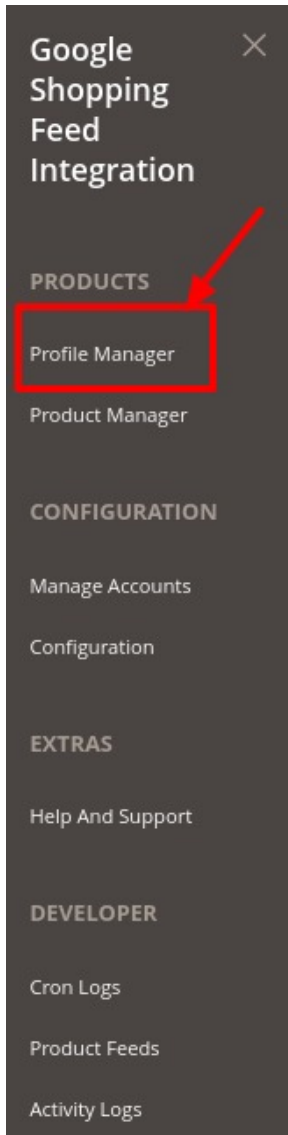
13. Since no products as assigned to the profile, there are no products listed in the table.

14. Click on the **save** button present on the top right corner and the new profile will be saved.

5.2. Edit Existing Profile

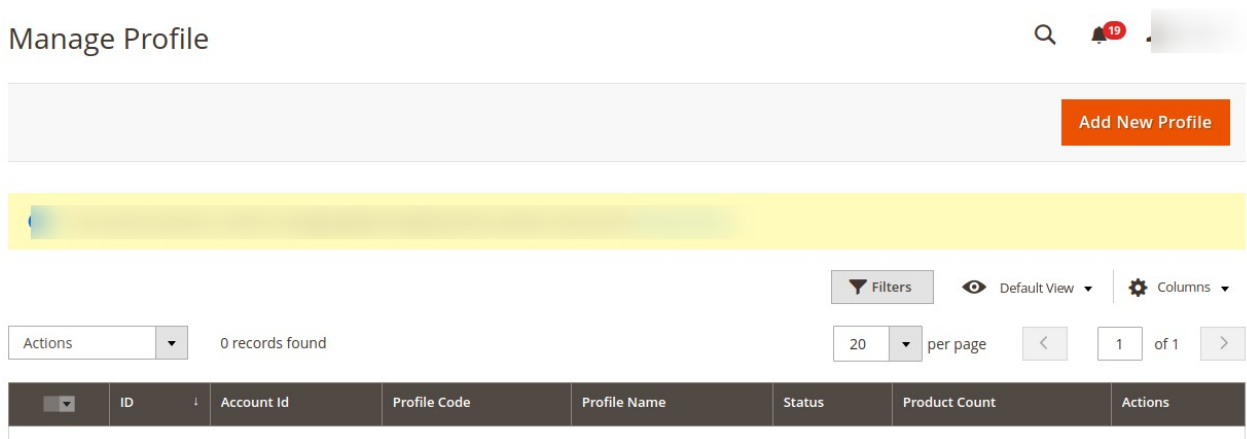
To Edit Existing Profile

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.

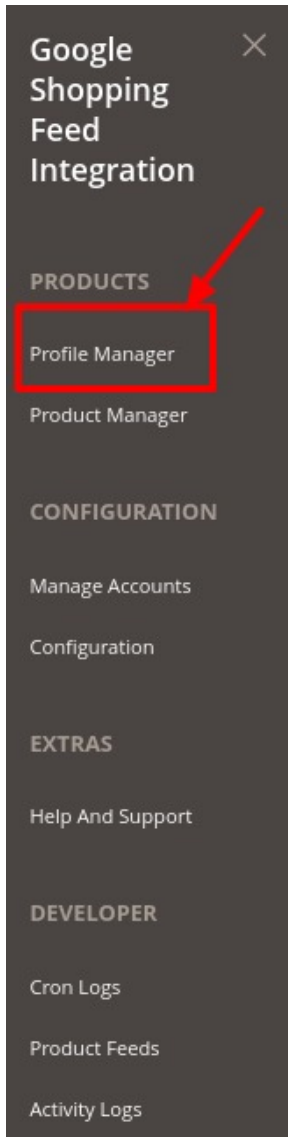
<input type="checkbox"/>	ID	Account Id	Profile Code	Profile Name	Status	Product Count	Actions
<input type="checkbox"/>	1				Enabled	2	

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.

5.3. Delete Profile

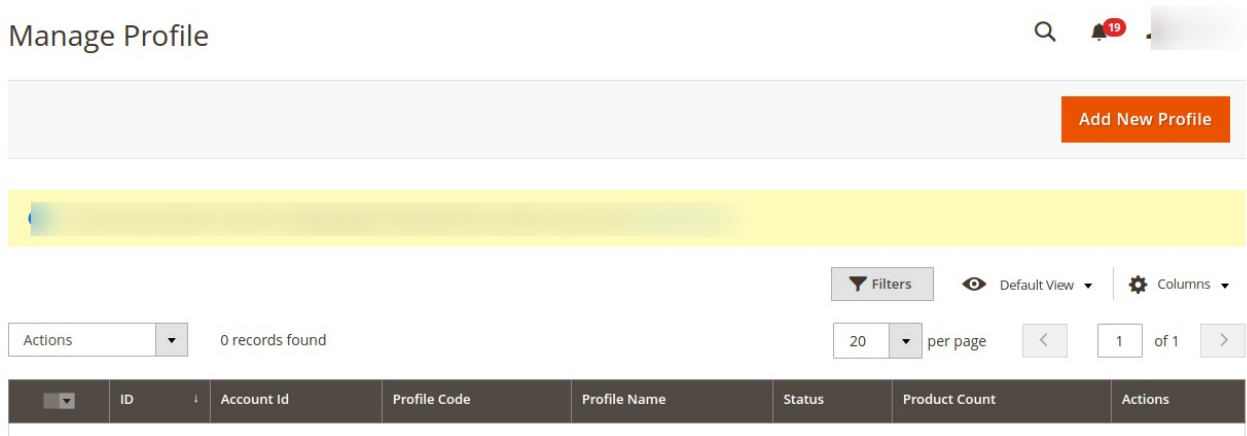
To Delete Profile

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:

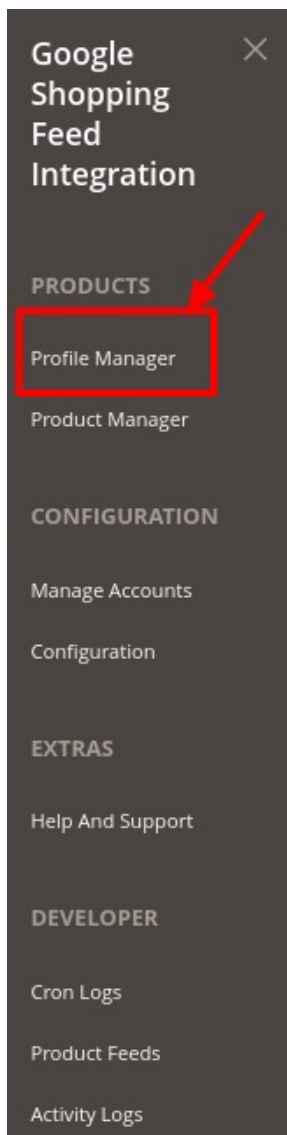


5. On this page, all the available profiles are listed.
6. Click the required row of the profile that the admin wants to delete.
7. In the **Actions**, column click on the **Delete** button.
The selected profile will be deleted.

5.4. 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:

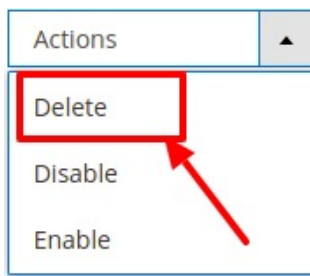
Manage Profile

The screenshot shows the 'Manage Profile' page. At the top right, there is a search icon, a notification bell with '19', and a user profile icon. Below this is a white bar with an orange 'Add New Profile' button. A yellow bar highlights the top of the table area. Below the yellow bar, there are controls for 'Filters', 'Default View', and 'Columns'. A dropdown menu shows 'Actions' and '0 records found'. To the right, there is a '20 per page' selector and pagination for '1 of 1'. The table header has columns: ID, Account Id, Profile Code, Profile Name, Status, Product Count, and Actions.

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

To Delete Profiles,

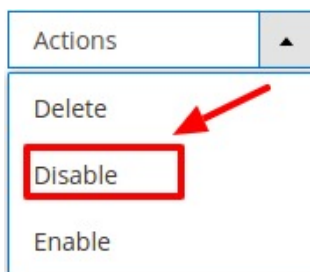
1. Click on the checkboxes of the profiles you want to delete.
2. On the **Actions**, tab click on the dropdown. Click on **Delete** in order to remove the profiles.



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

To Disable Profiles,

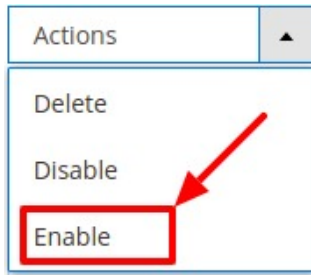
1. Click on the checkboxes of the profiles you want to disable.
2. On the **Actions**, tab click on the dropdown. Click on **Disable** in order to disable the profiles.



3. A Pop-up 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.

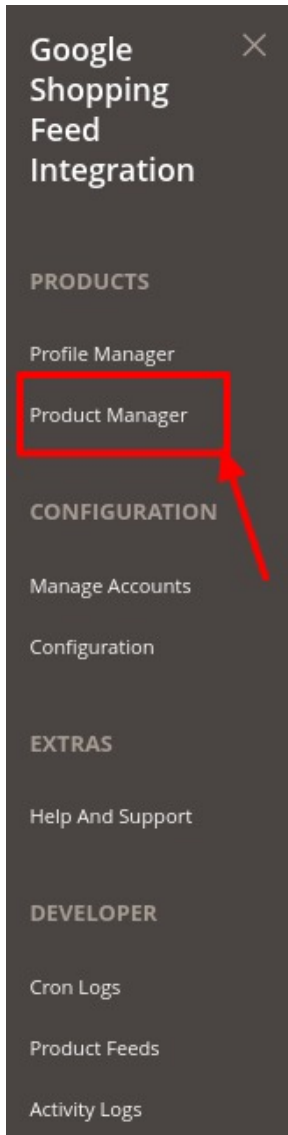


3. A Pop-up displayed to confirm your choice. Select **OK** to Enable the profile.
4. The selected profiles will be enabled.

6. Manage Product

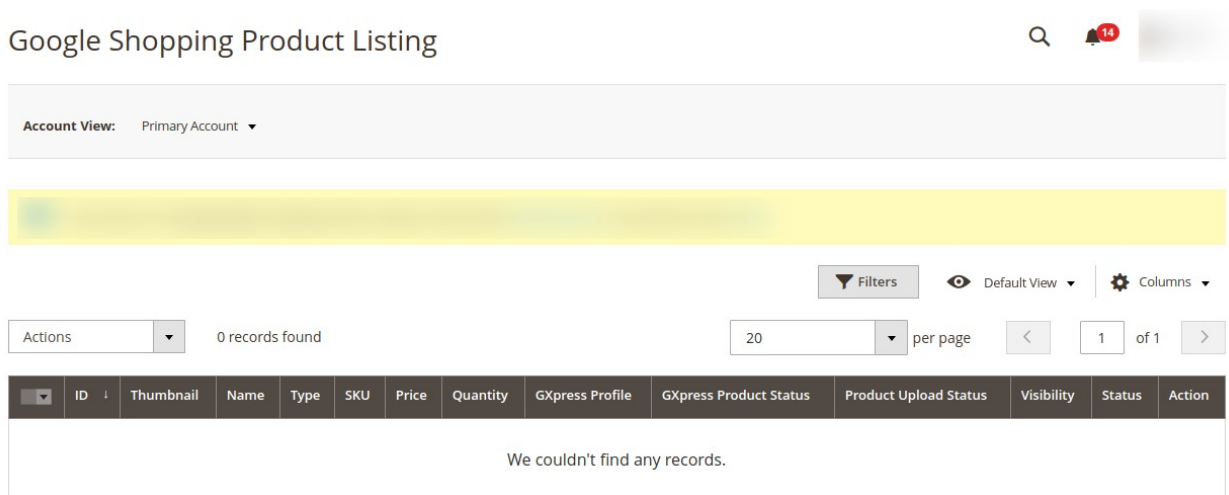
To Manage Products

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:



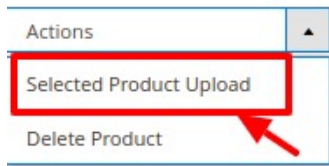
3. Click on **Product Manager**.

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



To Upload Product,

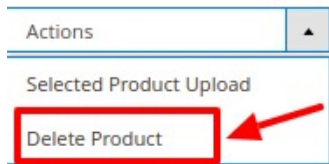
- Select the products which you want to Upload by checking the corresponding boxes.
- Click the **Arrow** button next to the **Actions** list, and then click **Selected Product Upload**.



- 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.

7. Developer Options

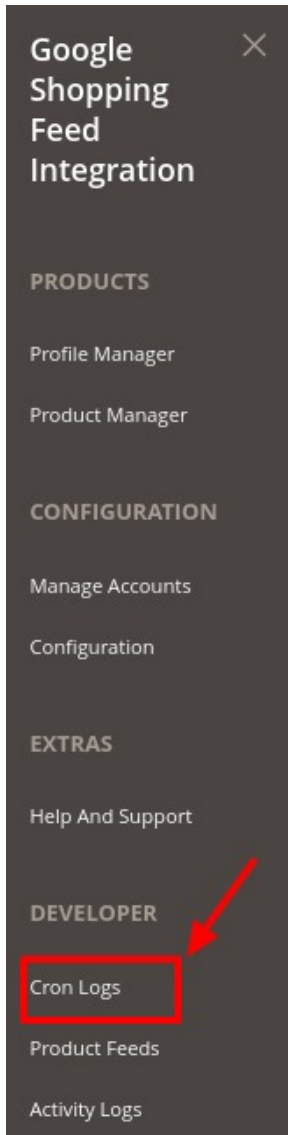
The Developer Section covers the following sections:

- **Cron Logs**
- **Products Feeds**
- **Activity Logs**

7.1. Cron Logs

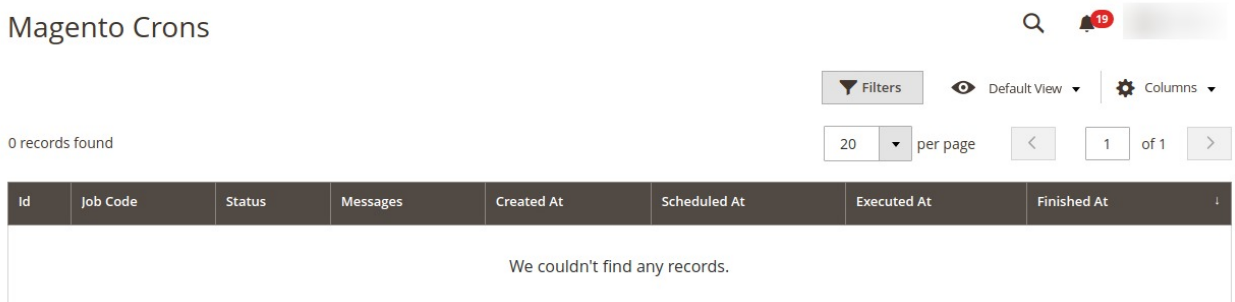
To View Cron Logs

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:

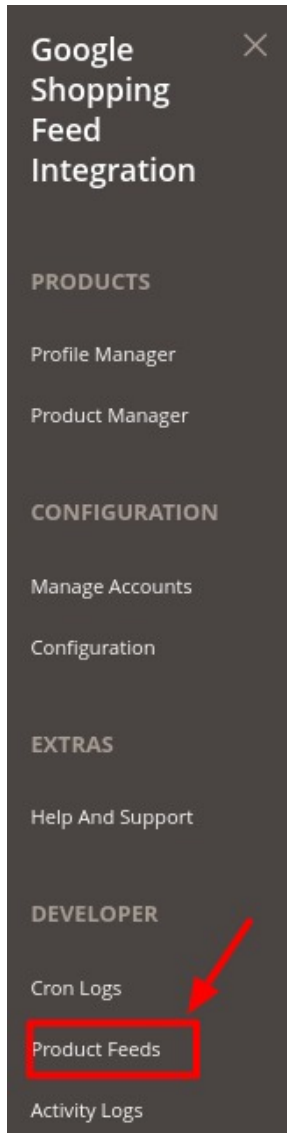


4. The crons will be displayed on this page.

7.2. Product Feeds

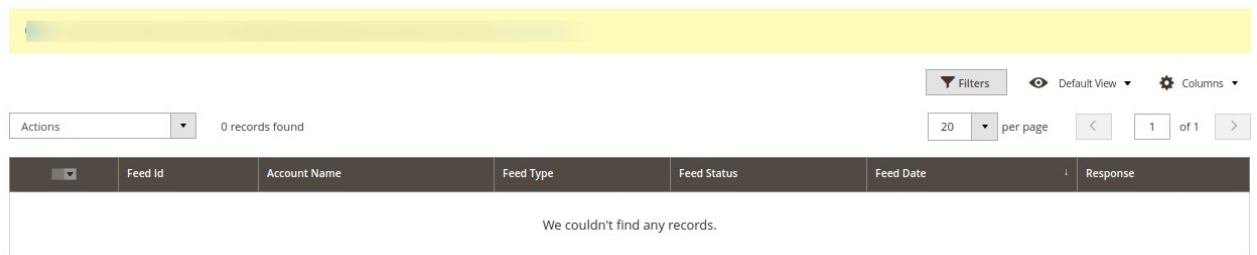
To View Product Feeds

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:

Manage Feeds



0 records found

20 per page

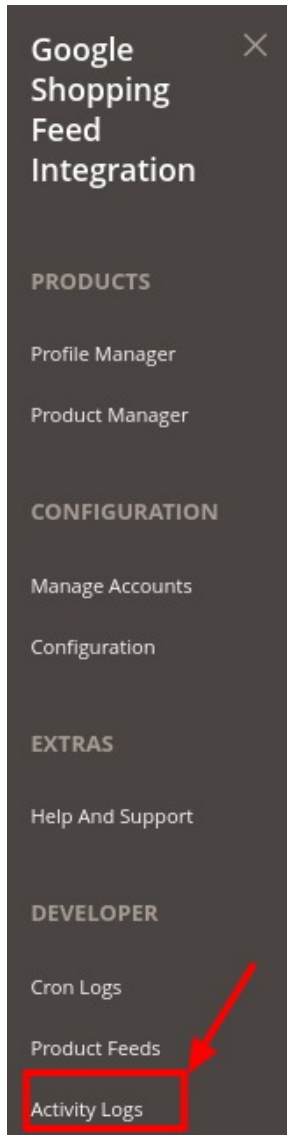
Feed Id	Account Name	Feed Type	Feed Status	Feed Date	Response
We couldn't find any records.					

4. You can manage the feeds from here.

7.3. Activity Logs

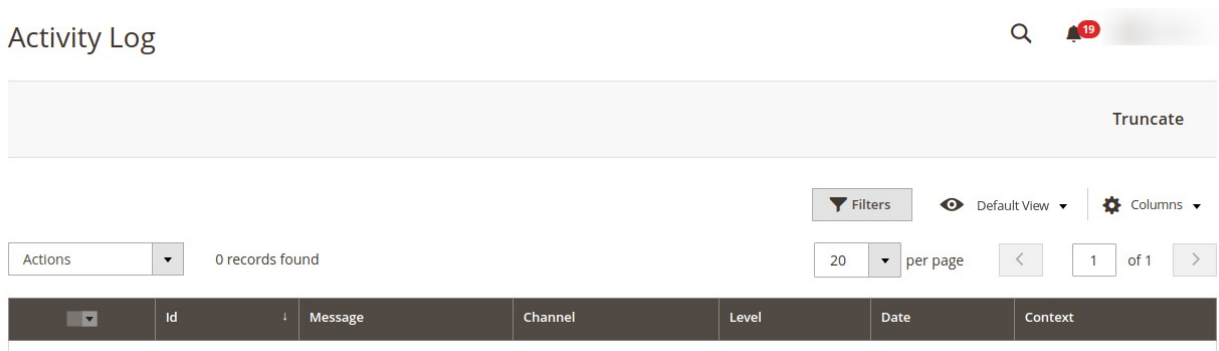
To View Activity Logs

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.

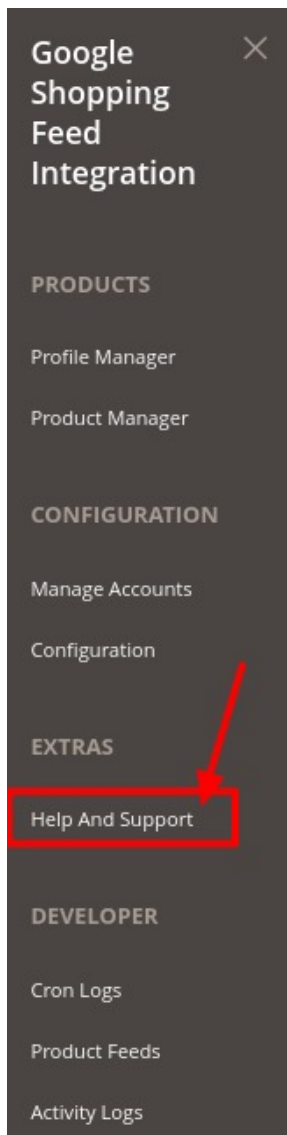


6. The selected records will be deleted.

8. 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:

Google Shopping Knowledge Base



Quick Support

	<p>CALL US 888-882-0953 USA TOLL-FREE</p>		<p>SEND US AN E-MAIL</p>		<p>CONNECT VIA SKYPE</p>
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- Cedcommerce Support ⌵
- Google Shopping Integration(Advanced) to assist in Managing Orders ⌵
- Google Shopping Merchant Account Url ⌵
- Google Shopping User Guide Videos ⌵
- Google Shopping Official knowledgebase ⌵

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.