Linio Integration for Magento 2 User Guide

by CedCommerce Products Documentation

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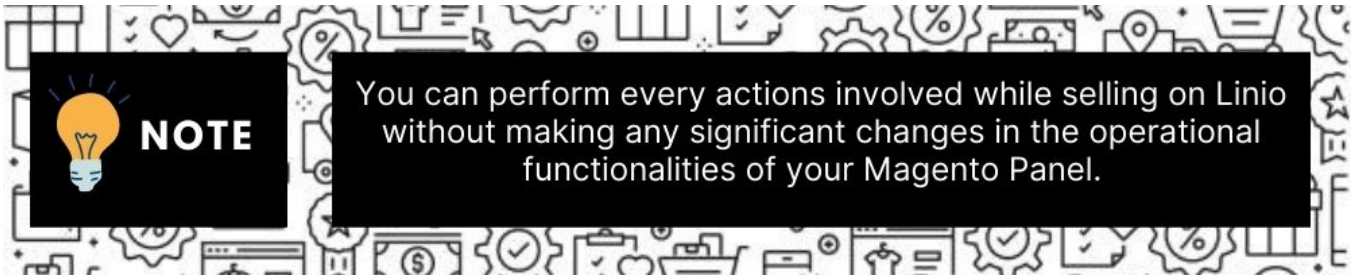
1. Overview

Linio is the biggest eCommerce marketplace to sell in Latin America operating for 9 years. It is available in 4 countries and has more than 5.2 million customers. Linio has 24 million visits per month and 10 million products in the catalog. It does not charge any fees from the sellers until the first sale is done.

Linio Integration for Magento 2 is an e-commerce solution that connects your Magento store with the Linio marketplace to provide a seamless selling experience. This extension automates the selling process through a single centralised dashboard saving your time and effort.



Key Features-

- **Profile Based Product Upload:** Admin can create a profile and after assigning products to the profile can easily upload on Linio.
- **Manage Multiple Accounts:** This allows to manage multiple Linio accounts simultaneously and add profiles (for similar products) accordingly.
- **Creation of Magento Orders:** Orders from Linio get imported into Magento 2 Admin panel, with all the required details as it is on Linio marketplace.
- **Import Orders:** Admin can import orders from the Linio store to our extension, make alterations and send the fulfillment details back to Linio.
- **Product Category Mapping:** Follow many to one category mapping. Admin can map many categories of Magento store to a single category of Linio.
- **Synchronized Inventory and Profile Based Pricing:** Inventory Synchronization at regular intervals. product Listing is established between Magento and Linio. Also, the admin can increase or decrease prices based on the profile.
- **Product Data Validation:** The extension enables validating the product information in accordance with Linio standards and values.
- **Bulk Products Upload System:** Admin has a facility to upload any number of products on Linio using the bulk product upload feature.

2. Linio Integration Extension Installation

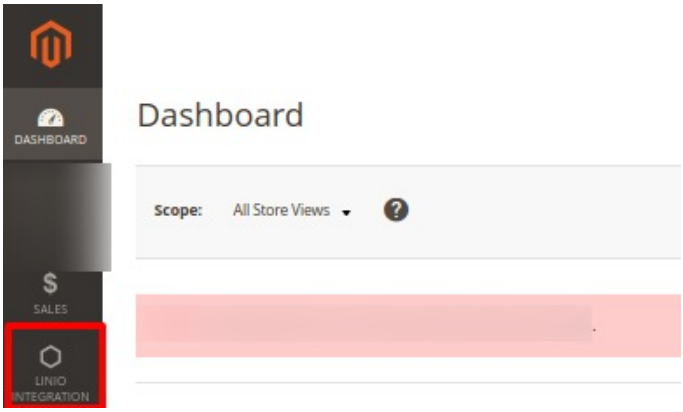
You can do it manually (if you wish). Here's how to do so-

To install the extension

1. Log in the **FTP**, and then go to Magento 2 root folder (generally present under the *public_html* folder).
2. Create a new folder named *code* under the **app** folder; under the *code* folder, create a folder named *Ced*.
    - Upload or Drag and Drop *app/code/Ced/Linio* directory.
    - After successfully uploading the directory, the extension will be installed/upgraded.
    - Now run the following upgrade command in **cmd**

```
php bin/magento setup:upgrade
php bin/magento setup:di:compile
php bin/magento setup:static-content:deploy -f
php bin/magento indexer:reindex
php bin/magento cache:flush
```

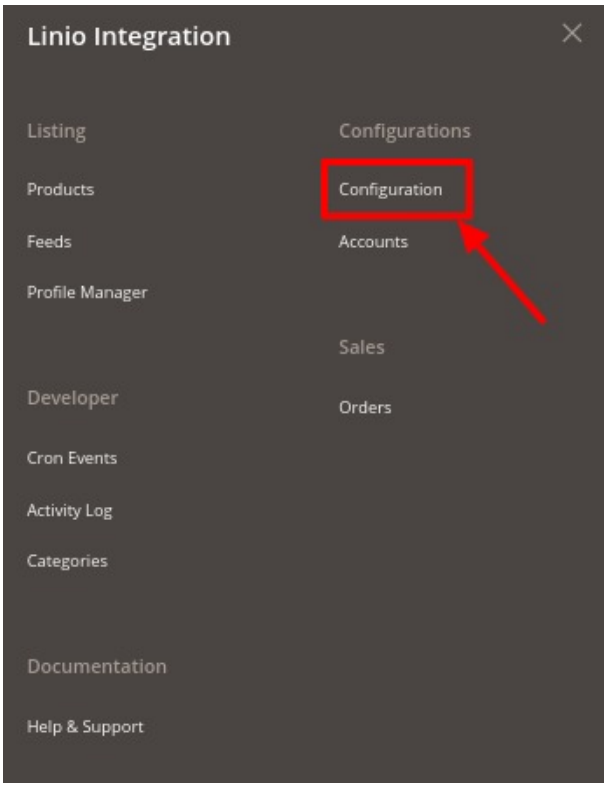
    - Once the extension is installed it appears in the main menu of the Magento panel just like this –



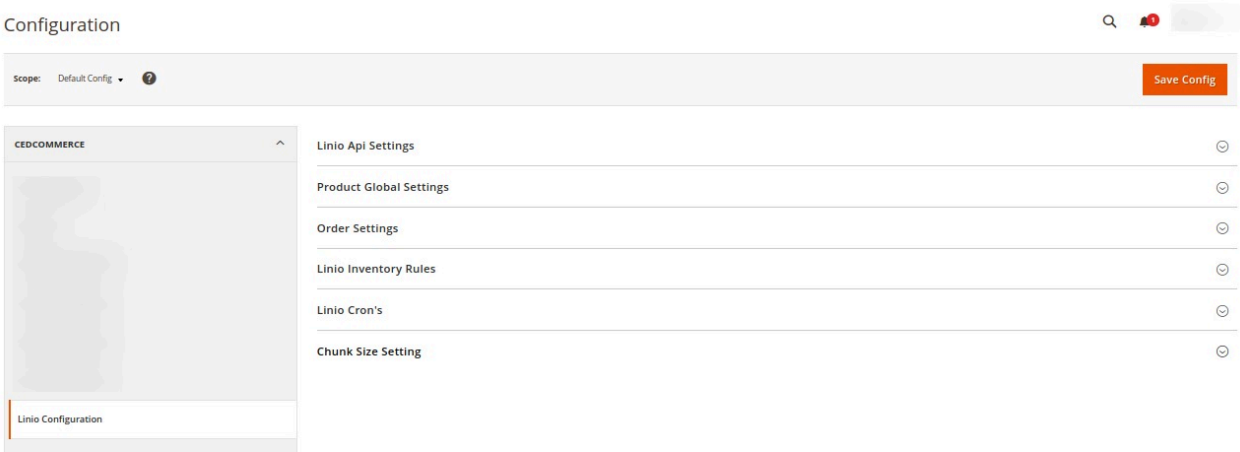
3. Configuration Settings

To set up the configuration settings,

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



3. Click on **Configuration**.
   The **Configuration** Settings page appears as shown below:



4. In the right panel click on **Linio Api Settings**, the section is expanded as shown below:

5. Under **Linio Api Settings**, do the following steps:

- In the **Enabled** list, select **Yes** to enable the extension features.

- In the **Debug Log** list, select **Yes** to start Linio Integration in the debug mode.

It captures the log for debug process.

6. Scroll down and click on **Product Global Settings**, the section is expanded as shown below:

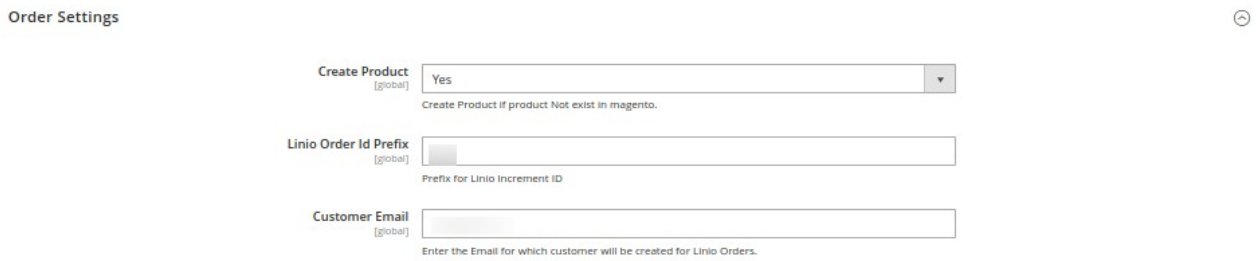
Note: These settings make the admin independent of keeping the price of their products dynamic on Linio without making any alteration to the product price in Magento.

7. Under **Product Global Settings**, do the following steps:
   - In the **Linio Product Price** select any of the following options-
     - **Default Magento Price:** As the name suggests, when selected makes no change in price.
     - **Increase by Fixed Price:** If selected, then the Modify by Fix Price field appears
       Enter the exact price and the change will get reflected on the Linio product.
       For Example,
       Magento Price = 100
       Select Increase By Fixed Price option
       Enter Price = 20
       100 + 20 = 120
       Thus, Lino Product Price = 120
     - **Increase by Fixed Percentage:** If selected, then the Modify by Percentage Price field appears. Enter the numeric value to increase the price of the Linio, product price by the entered value % of Magento price.
       For Example,
       Magento price + 5% of Magento price.
       Magento Price = 100
       Select Increase By Fixed Percentage option
       Enter Percentage = 5
       100 + 5% of 100 = 100 + 5 = 105
       Thus, Linio Product Price = 105
     - **Decrease by Fixed Price:** If selected, then the Modify by Fix Price field appears the same as in the increase section.
       Enter the value and the change is done.

For Example,
Magento Price = 100
Select Decrease By Fixed Price option
Enter Price = 20
100 – 20 = 80
Thus, Linio Product Price = 80

- **Decrease by Fixed Percentage:** If selected, then the Modify by Percentage Price field appears.
  Enter the numeric value to decrease the price of the Linio product price by the entered value % of Magento price.
  For Example,
  Magento price – 5% of Magento price.
  Magento Price = 100
  Select Decrease By Fixed Percentage option
  Enter Percentage = 5
  100 – 5% of 100 = 100 – 5 = 95
  Thus, Linio Product Price = 95

8. Scroll down and click on **Order Settings**, the section is expanded as shown below:



9. Under **Order Settings**, do the following steps:
   - In **Create Product** field, select **Yes**.
     Why is this option available – Suppose you have a product on Linio that is not present on your Magento Panel. If you want to create the same product in your Magento store with the same details, by choosing YES it is done.

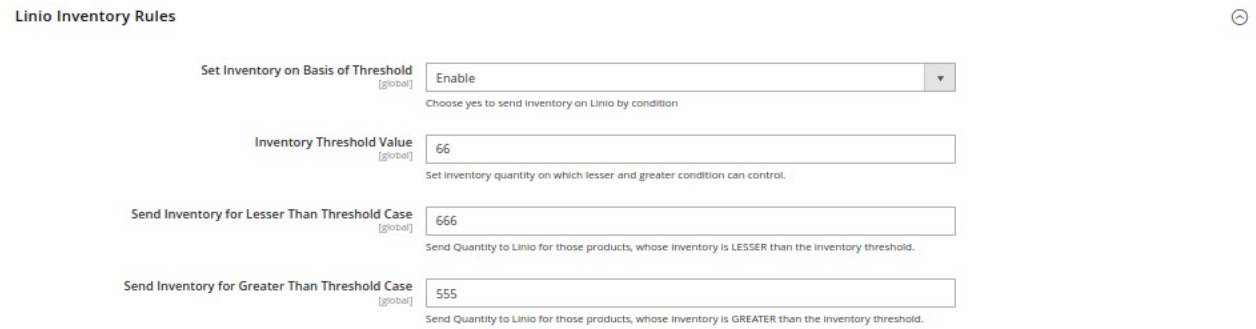
   - In the **Linio Order Id Prefix** box, enter the text as a prefix for Linio Increment ID.

     Note: Linio Order Id Prefix can be a combination of numbers, alphabets, or special characters. This is for your own recognition since the orders from the Linio marketplace will have the same prefix & will be easy to analyze. So make sure to mark them as per your ease.

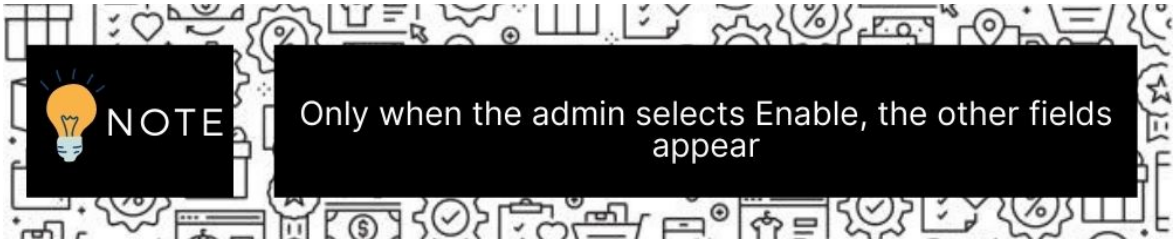
   - In the **Customer Email** field, enter the default email for the customer for which the order will be created.

Note: This is in case the order received from the Linio does not include an email id.

10. Now scroll down and click on **Linio Inventory Rules**, the section is expanded as shown below:



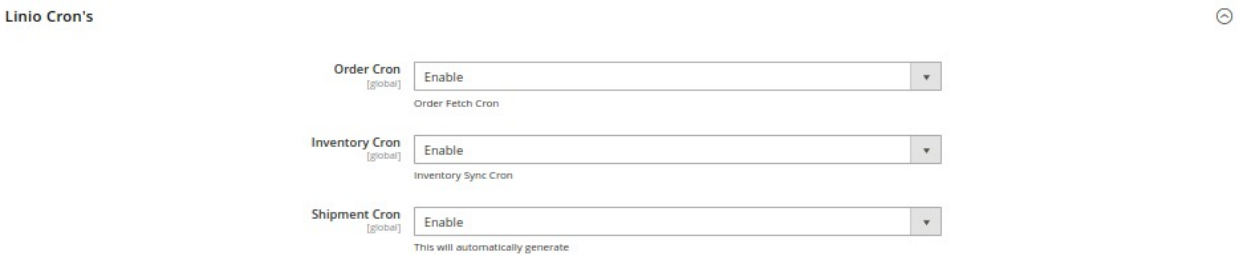
11. Under **Linio Inventory Rules**, do the following steps:
    - In the **Set Inventory on Basis of Threshold** list, select **Enable** to send the inventory based on the threshold.



    - In the **Inventory Threshold Value** box, enter the value which you consider to be the minimum for your inventory.
    - In the **Send Inventory for Lesser Than Threshold Case** box, enter the value that needs to be visible on Linio in case your inventory is lesser than the threshold value that you have set in the earlier parameter.
    - In the **Send Inventory for Greater Than Threshold** Case box, enter the value that needs to be visible on Linio in case your inventory is more than the threshold value that you have set.
      For Example:
      Suppose you have set the threshold value of a product to be 500. You have set the greater than the threshold value to say 600 and the lesser than the threshold value to be 300.
      Now you have 530 of that product in the inventory, then the number visible on Linio would be 600.
      Suppose you sold 33 products and now the value is decreased to be 497 which is below the

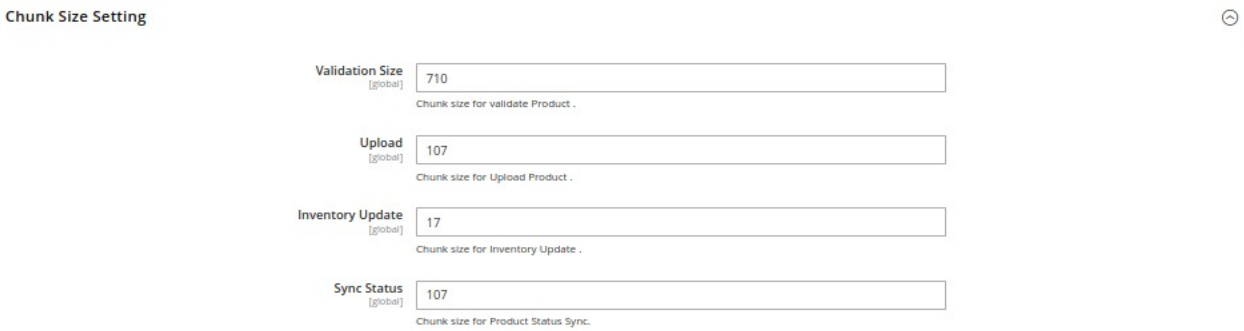
threshold. The value that will now appear on Linio will be 300.

12. Scroll down and click on **Linio Cron Settings**, the section is expanded as shown below:



13. Under **Linio Cron** Settings, do the following steps:
    - In the **Order Cron,** select **Enable** if you want to fetch the orders. Order Crons are used to fetch orders at approx 10 minutes.
    - In the **Inventory Cron** list, select **Enable** to enable the Inventory & Price Synchronisation automatically at regular intervals of time. This cron runs every 5 hours to sync.
    - In **Shipment Cron**, select **Enable** if you want to automatically generate the shipment of the created orders.

14. Scroll down and click on **Chunk Size Setting**, the section is expanded as shown below:



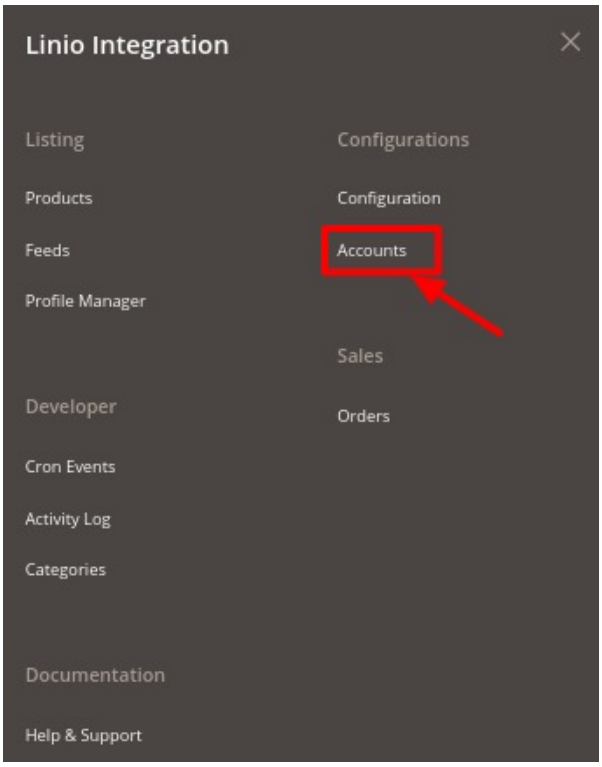
Note: The reason why we perform these chunks settings is to easily manage Unlimited data by bifurcating it into limited parts.

15. Under **Chunk Size Setting**, do the following steps:
    - In the **Validation Size** field, enter the chunk size for the products. The products that will get validated before being uploaded on Linio would be the same as the number you enter in this field.
    - In the **Upload** field, enter the number of products that you want to upload in one go from Magento to Linio.
    - In the **Inventory Update** field, enter the chunk size of the products. The inventory will be updated in one batch for the number of products that you enter in this field.
    - In the **Sync Status** field, enter the chunk size of the products. The number of products that you will be able to sync the status for would be the same as the number that you enter in this field.
16. Click on the **Save Config** button. The configuration settings will be saved.

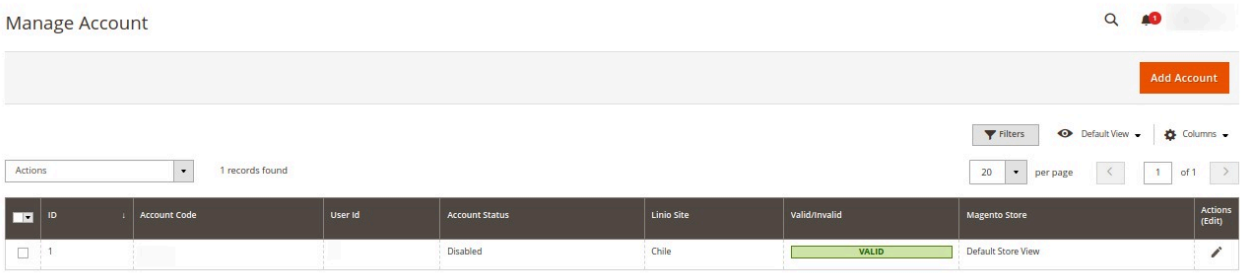
4. Account Settings

To manage accounts,

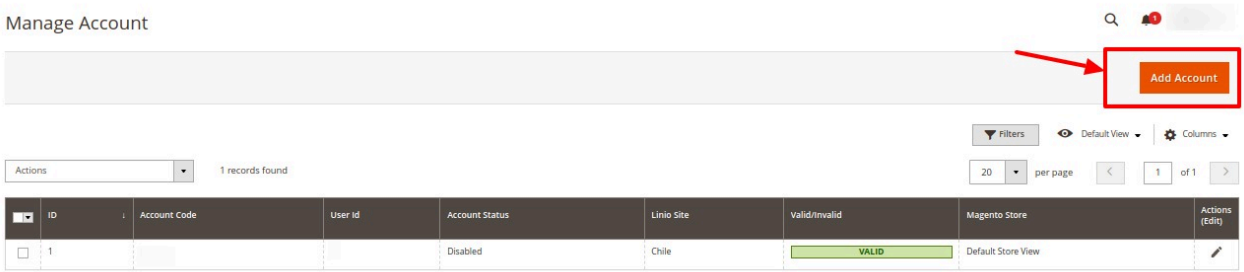
1. Go to the **Magento Admin** panel.
2. On the left navigation bar, click the **Linio Integration** menu.
   The menu appears as shown in the following figure:



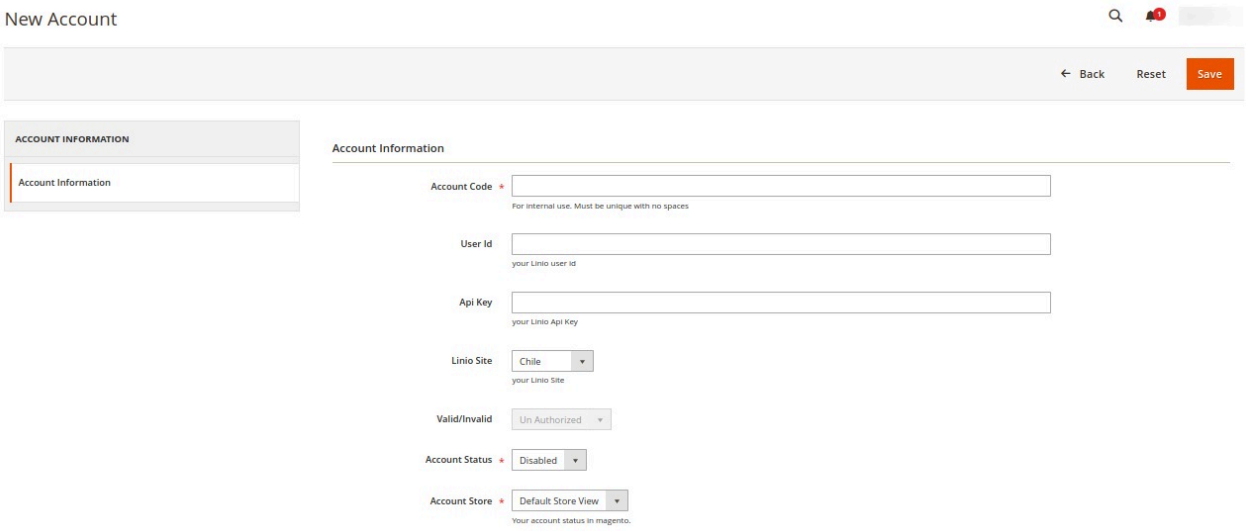
3. Click on **Accounts**.
   The **Manage Account** page appears as shown below:



4. All the accounts that are created will be listed here along with the details associated with them.
5. To add a new account, click on **Add Account** button on the top right corner.



6. You'll be redirected to a new accounts page:

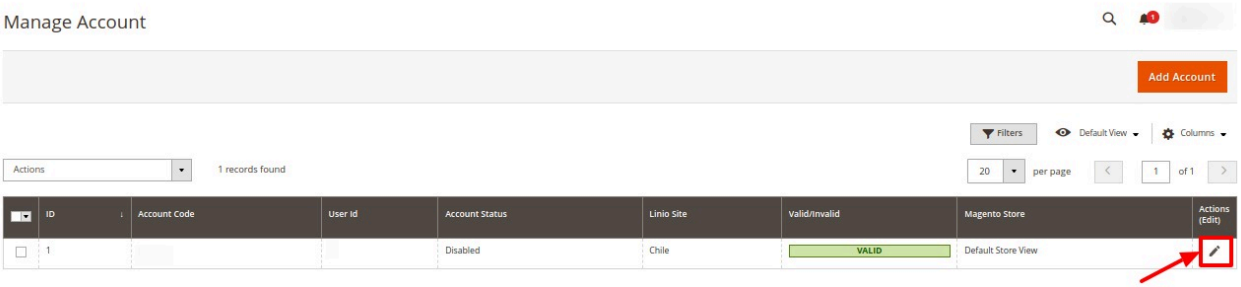


7. Enter the **Account Code** in the first section.

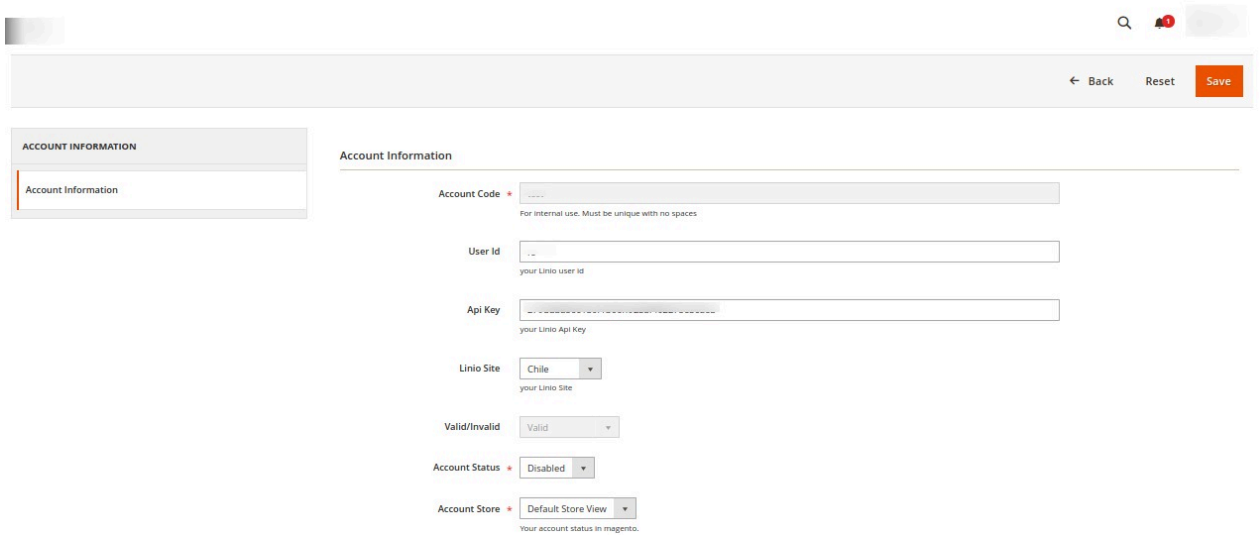
8. In **User Id**, enter the Linio seller id from the Linio seller panel.
9. In **API Key**, enter your Linio API key from the seller panel.
10. In **Linio Site**, select the location of your Linio store.
11. In **Valid/Invalid**, if the above seller details mentioned by you are correct then it will show **Valid** else it will show **Invalid**.
12. You can choose the current status of the account under the section **Account Status**. Choose **Disable** if you do not wish to use this account and **Enable** when you want it active.
13. In the **Account Store** section choose the view of the Magento store.
14. Once all the actions have been taken so far, click on the **Save** button on the top right of the page. The account will be created and displayed in the Manage Account grid.

To Edit an Account,

1. Click on the **Edit** button associated with the account you wish to make changes in:



2. The edit account page opens up where you can make the desired changes as you wish:

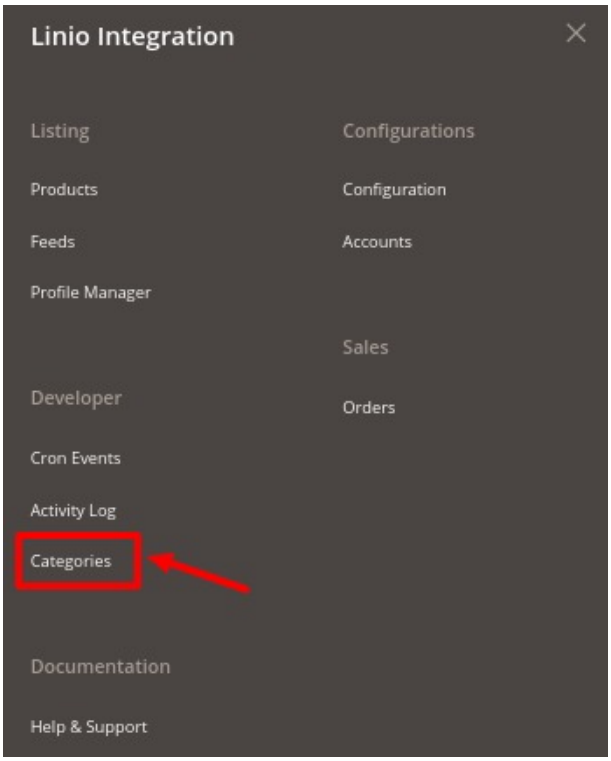


3. Click on the **Save** button and account changes are finalized.

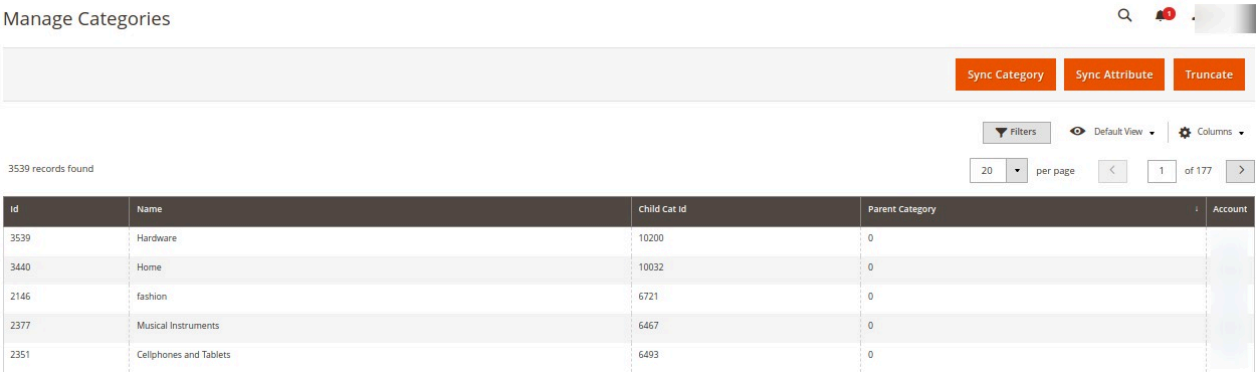
5. Manage Linio Categories

To manage Linio Categories,

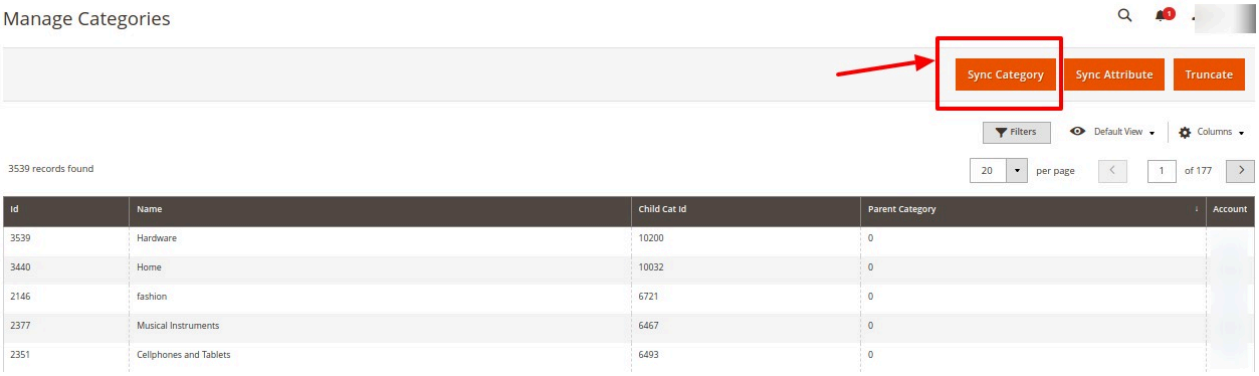
1. Go to the **Magento Admin** panel.
2. On the left navigation bar, click the **Linio Integration** menu.
   The menu appears as shown in the following figure:



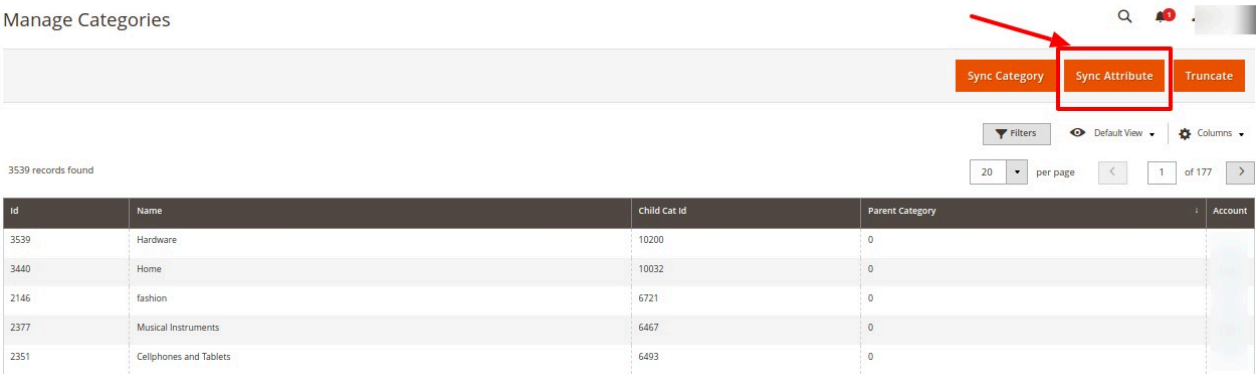
3. Click on **Categories**.
   The **Linio Categories** page appears as shown below:



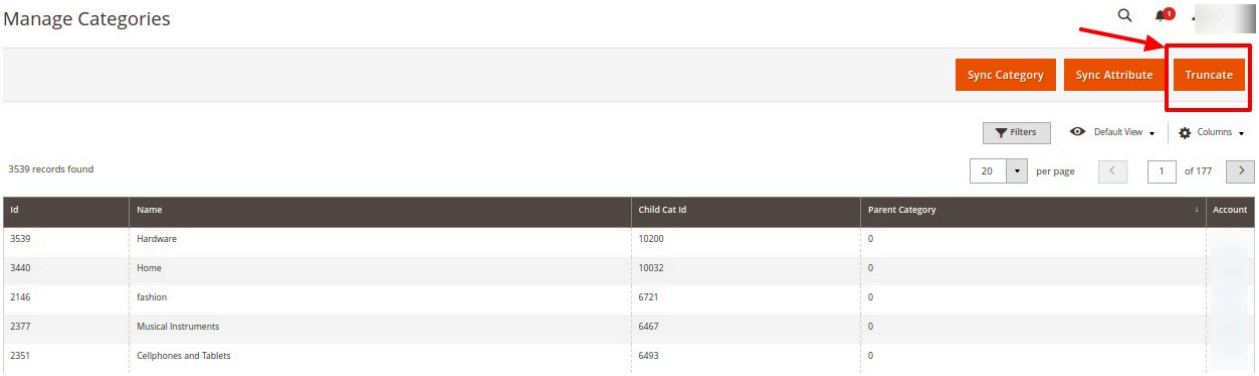
4. Now in order to sync the Linio categories with your Magento 2 store categories, click on **Sync Categories** Button on the top.



5. Now Click on the **Sync Attributes** button, which will import and synchronize all the Linio attributes into your Magento 2 store:



6. The Linio categories and Attributes start getting reflected in your Magento panel.
7. If you wish to remove the previous categories or make amends, Click on the **Truncate** Button in the top right corner:



All the previous categories will get removed.

6. Manage Profiles

Product Profiling is a process of arranging similar types of products from a catalog and bundling them to perform multiple bulk actions.

Let’s say you are selling Clothing – you create a profile labeled as Men’s T-shirts and add all the t-shirts in the same profile. Now with product profiling, you have the feasibility to take actions such as bulk upload, alter the prices, edit details and even remove them in bulk with just a few clicks.

Admin can create a new profile and assign the required products to the profile. While creating and editing the profile, the admin can map the Magento Store attributes to the Linio attributes. These attributes are applicable to all the products that are assigned to the profile.

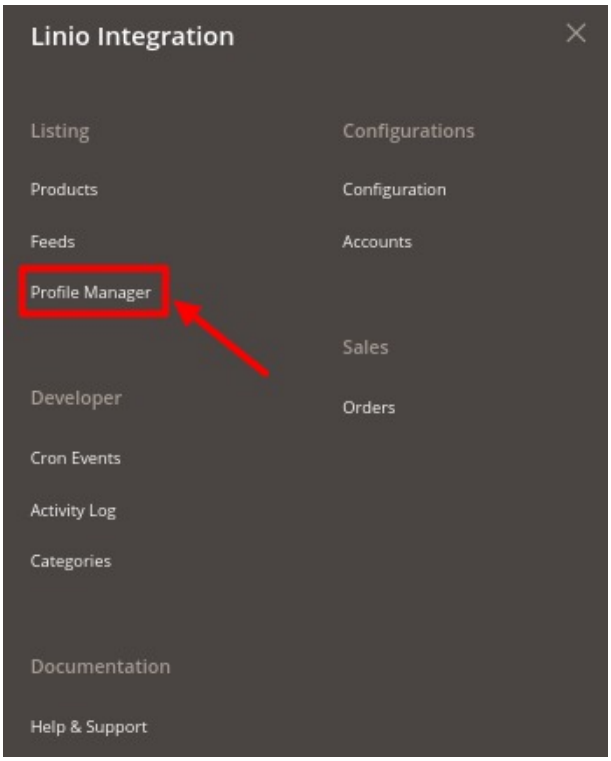
Admin can complete the following tasks:

- Add a new profile
- Edit the existing profile
- Submit Actions on the Manage Profile page

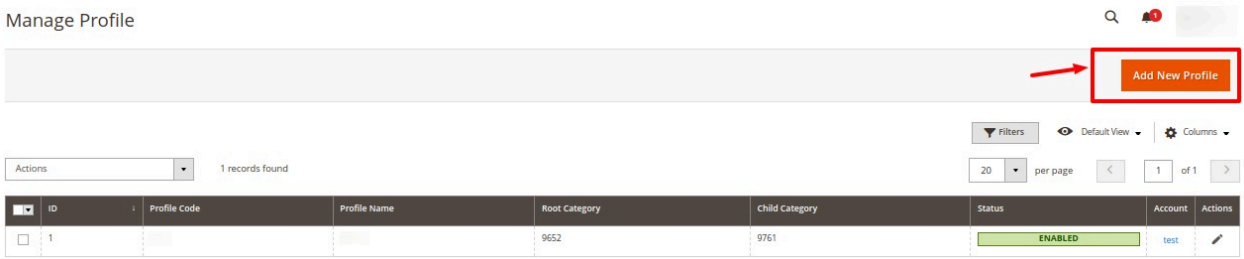
6.1. Add a New Profile

To add a new profile,

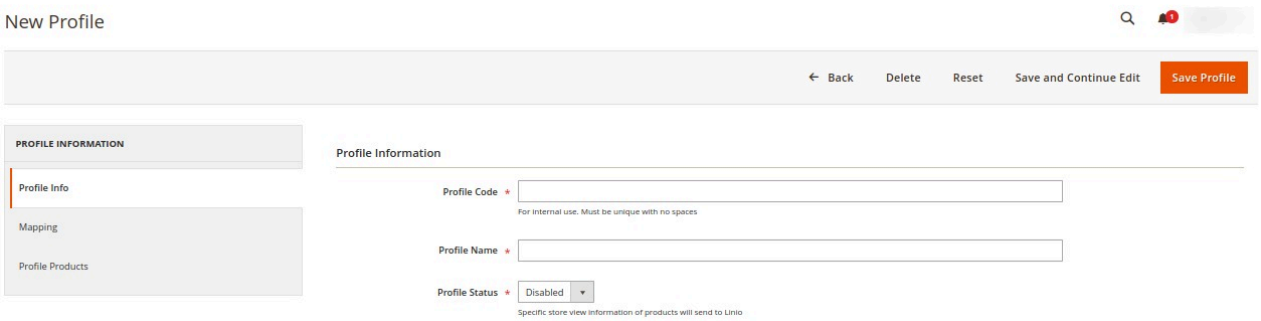
1. Go to the **Magento Admin** panel.
2. On the left navigation bar, click the **Linio Integration** menu.
   The menu appears as shown in the following figure:



3. Click on **Profile Manager**.
   The **Manage Profile** page appears as shown in the following figure:



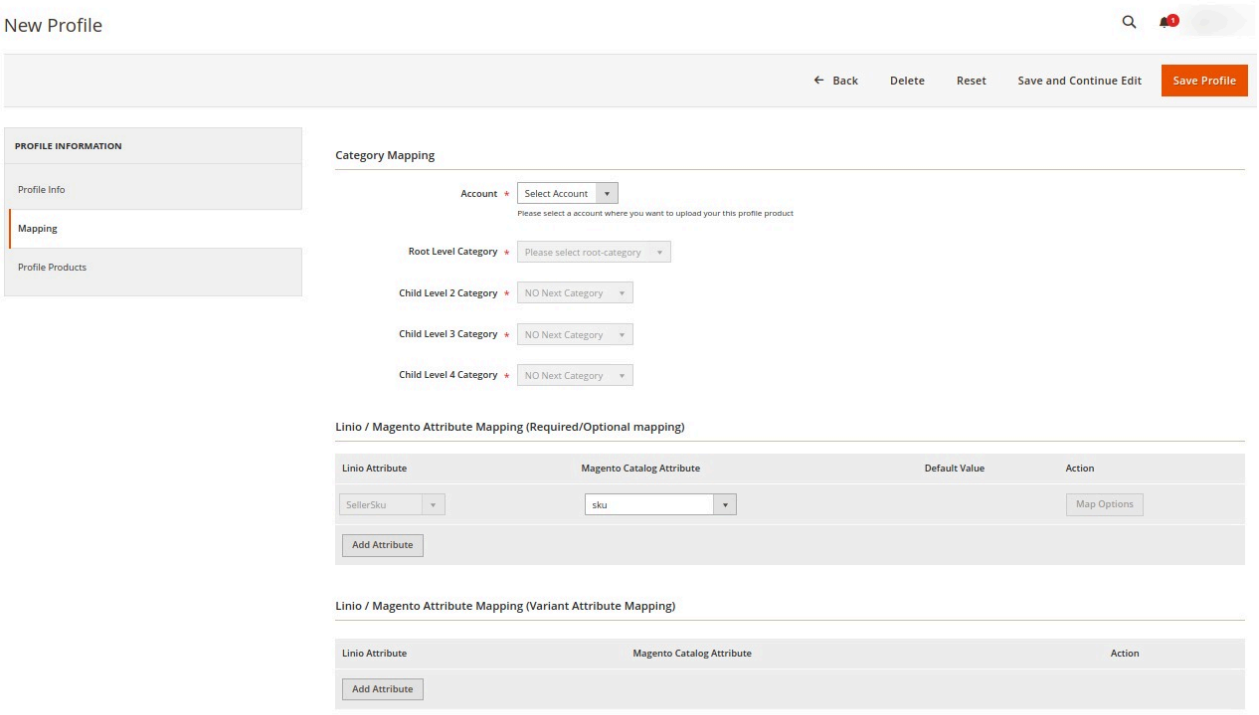
4. Click the **Add New** Profile button.
   The **New Profile** page appears as shown in the following figure:



5. In the right panel, under the **Profile Information** section, do the following steps:

a. In the **Profile Code** box, enter a profile code.
Note: It is only for internal use. Use the unique profile code with no spaces. Start with small letters.
b. In the **Profile Name** box, enter the name of the profile.
Note: Use the unique name to identify the profile.
c. In the **Status** list, select **Active** to enable the profile.
Note: The Inactive option disables the profile.

6. Click the **Save and Continue Edit** button.
7. In the left navigation panel, click the **Mapping** menu.
The page appears as shown in the following figure:



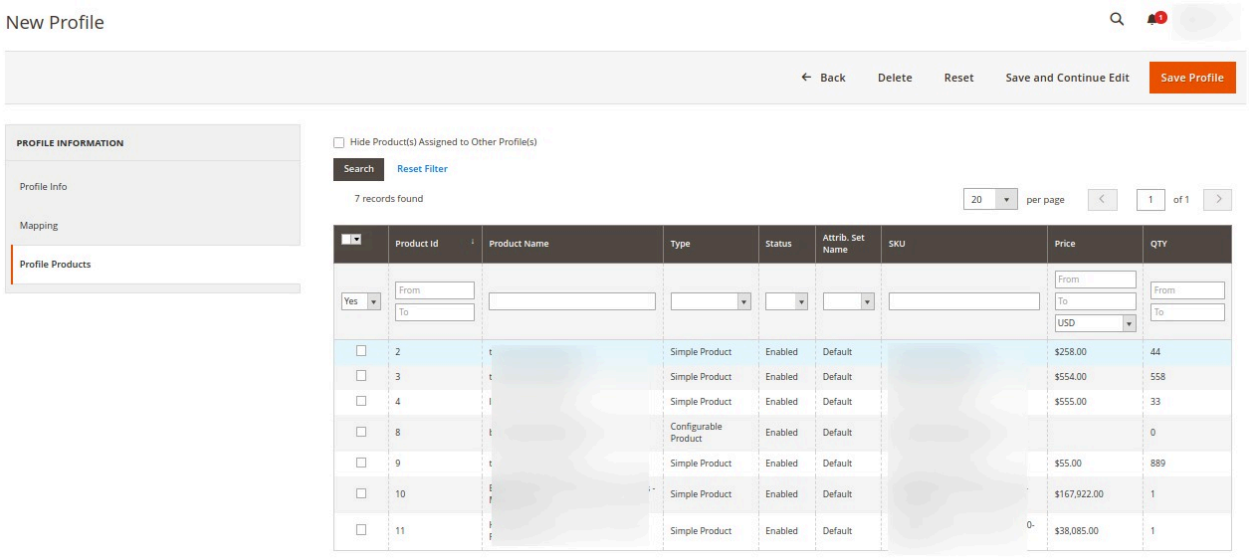
8. In the right panel, go to the **Category Mapping** section.
9. Under **Category Mapping**, do the following steps:
   - In **Account**, select the Account for which you want to create the profile.
   - In the **Root Level Category** list, select the required Linio category that the admin wants to map.

     If the selected category has the child categories then the relevant sub-category list that appears below it is activated. Once you select the attributes the item specifics/required item specifics will be listed in this section.

   - In the **Child Level Category** list, select the required child category.
     Depending upon the selection of the category and the sub-categories, the Linio and Magento attribute appear under the **Linio / Magento Attribute Mapping (Required/ Optional mapping)** section, if exist.
10. Go to the **Linio / Magento Attribute Mapping (Required/ Optional mapping)** section.
11. Under **Linio / Magento Attribute Mapping (Required/ Optional mapping)**, do the following steps:
    - In the **Linio Attribute** column, select the required Linio attribute to map it with the corresponding Magento store attribute.

- In the **Magento Catalog Attribute** column, select the required Magento store attribute to map it with the corresponding Linio attribute.
- Click the **Add Attribute** button to add more attributes, if required.
- Repeat the steps to map all the required Linio attributes to the corresponding Magento store attributes.

12. Go to the **Linio / Magento Attribute Mapping (Variant Attribute Mapping)** section.
13. Under **Linio / Magento Attribute Mapping (Variant Attribute Mapping),** do the following steps:
    - In the **Linio Attribute** column, select the variant Linio attribute to map it with the corresponding Magento store attribute.
    - In the **Magento Catalog Attribute** column, select the variant Magento store attribute to map it with the corresponding Linio attribute.
    - Click the **Add Attribute** button to add more attributes, if required.
    - Repeat the steps to map all the variant Linio attributes to the corresponding Magento store attributes.
14. In the left navigation panel, click the **Profile Products** menu.
    The page appears as shown in the following figure:

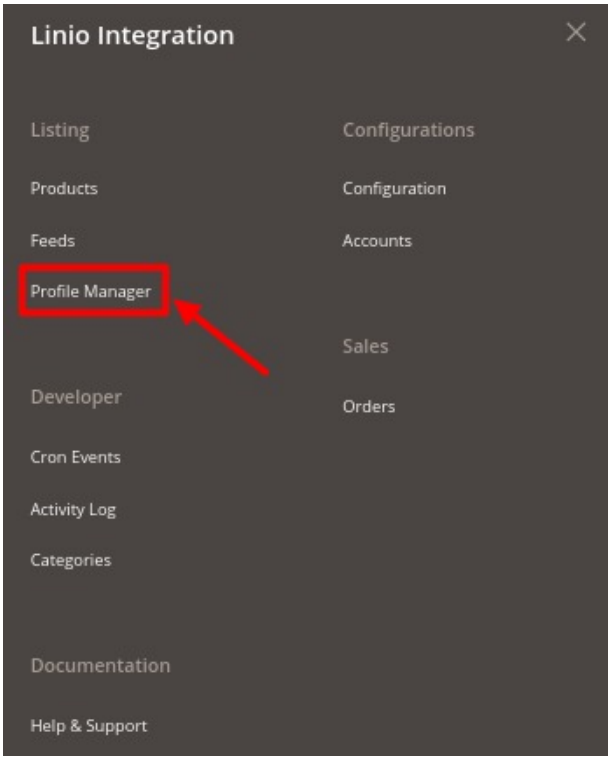


15. Click the **Reset Filter** link.
    Select the checkboxes associated with the required products that you want to assign to the new profile.

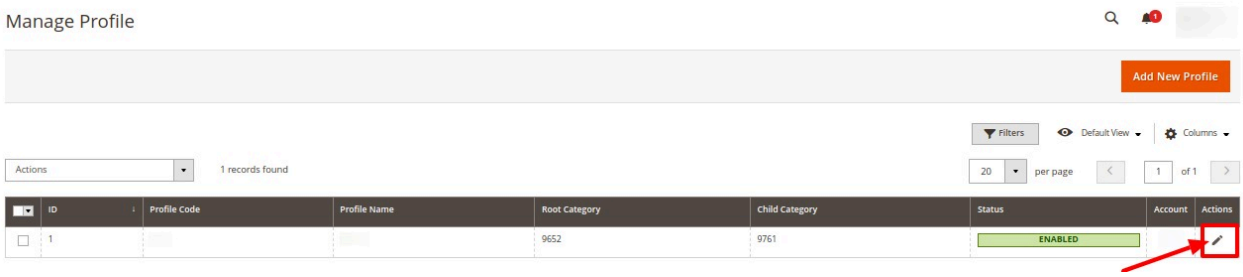
6.2. Edit Existing Profile

To edit the existing profile,

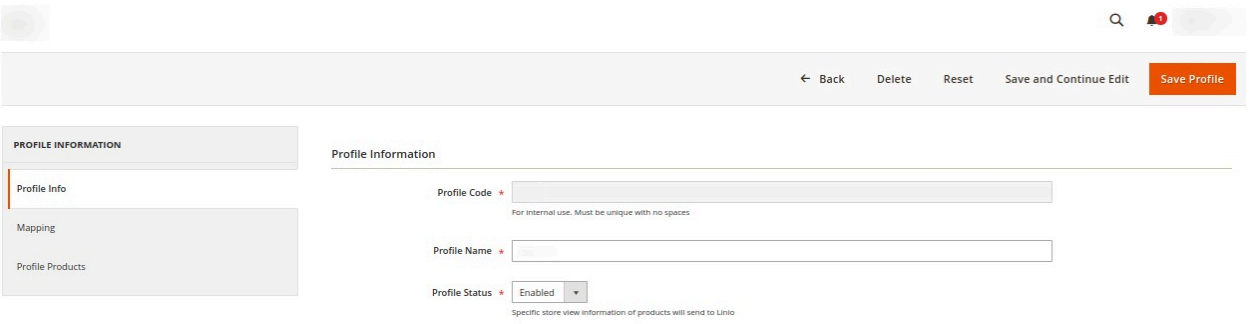
1. Go to the **Magento Admin** panel.
2. On the left navigation bar, click the **Linio Integration** menu.
   The menu appears as shown in the following figure:



3. Click on **Profile Manager**.
   The **Manage Profile** page appears as shown in the following figure:



4. In the **Action** column, click **Edit**.
   The required profile page appears as shown in the following figure:

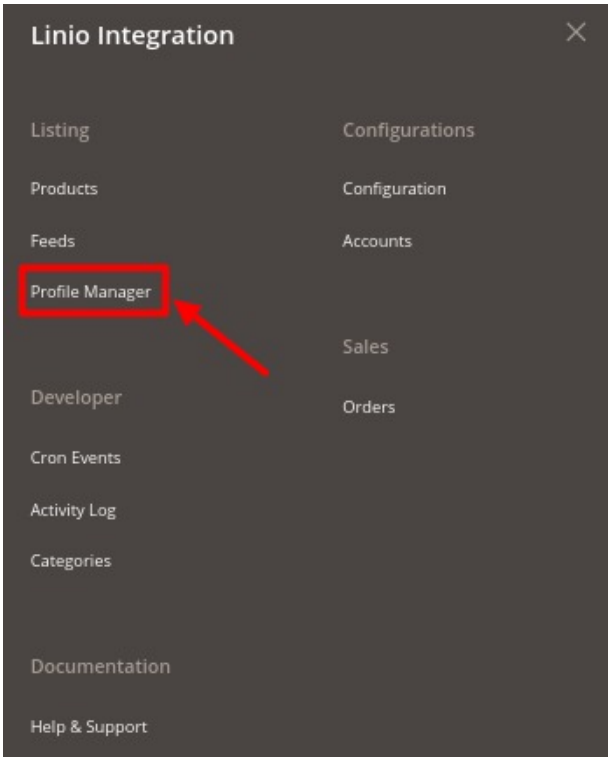


5. Make the changes as per the requirement.
6. Click the **Save Profile** button.
   The profile is saved and listed on the **Manage Profile** page

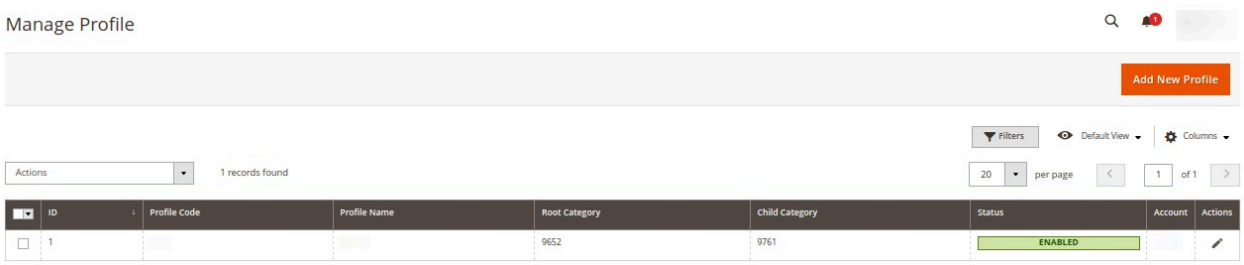
6.3. Submit Bulk Actions on Profiles

To submit actions in bulk on the profiles,

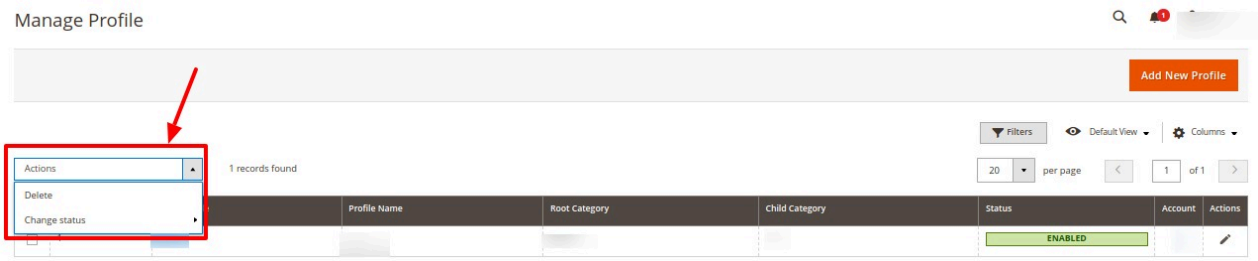
1. Go to the **Magento Admin** panel.
2. On the left navigation bar, click the **Linio Integration** menu.
   The menu appears as shown in the following figure:



3. Click on **Profile Manager**.
   The **Manage Profile** page appears as shown in the following figure:



   On this page, all the available profiles are listed.
4. Select the checkboxes associated with the required profiles.
5. Click the **Arrow** button next to the **Actions** field.
   The **Actions** list appear as shown in the following figure:

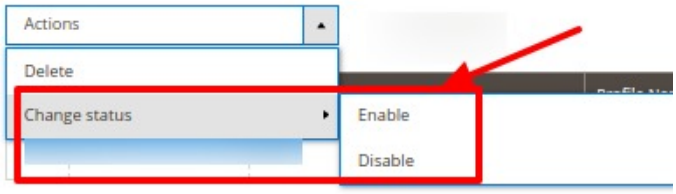


6. In the **Actions** list, click **Delete**.

7. Click the **OK** button.
   The selected profiles are deleted.

To change the status (enable or disable) the selected profiles in Bulk

1. Select the checkboxes for the profiles for which you want to change status.
2. Click Change Status. On clicking it, the status options appear as:



3. Click **Enable** or **Disable** as per your requirement.
   The selected profile will be enabled/disabled.

7. Product Management

Admin can manage products, create a new profile and assign the required products to the profile. While creating and editing the profile, the admin can map the Magento store attributes to the Linio attributes.

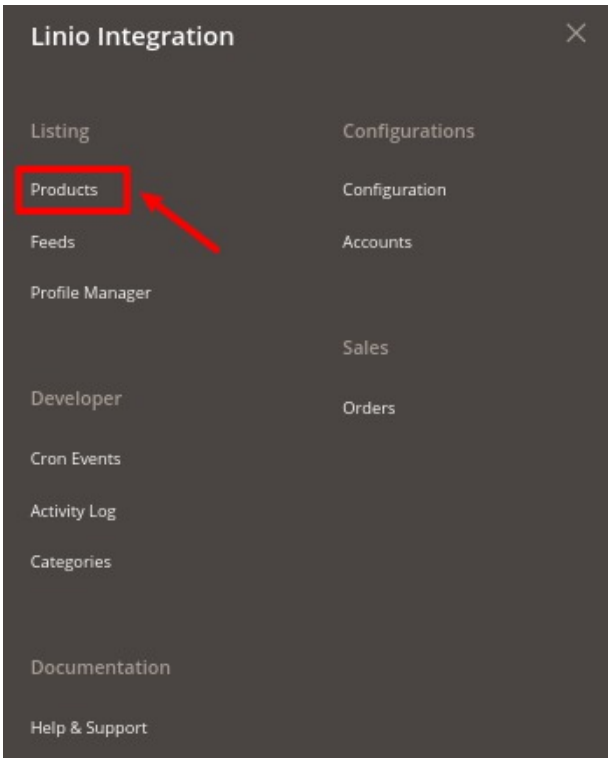
Admin can do the following tasks:

- Edit Product Information
- Validate the details
- Upload Single Product
- View Error Log

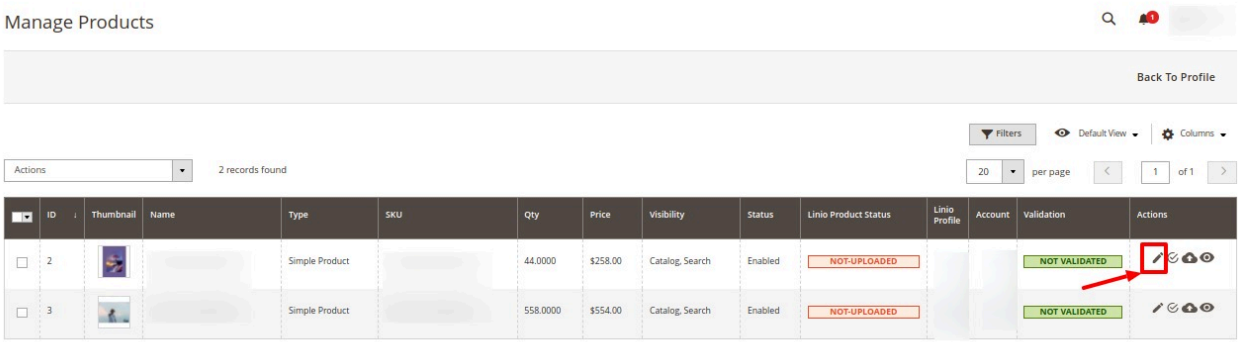
7.1. Edit Single Product

To edit the product information,

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



3. Click on **Products**.
   The **Manage Products** page appears as shown in the following figure:

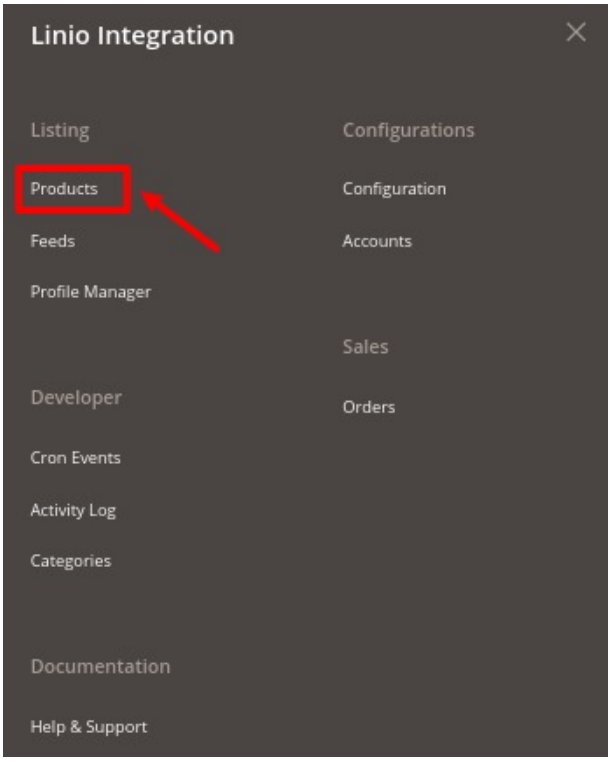


4. Click the **Edit** button adjacent to the product under the **Actions** column.
5. The required product page appears, enter the required information, and then click the **Save** button.

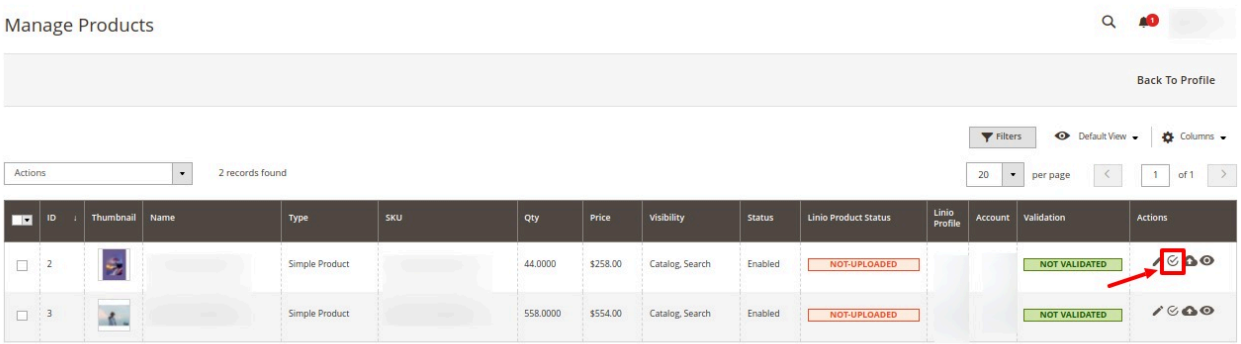
7.2. Validate a Single Product

To validate a product,

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



3. Click on **Products**.
   The **Manage Products** page appears as shown in the following figure:



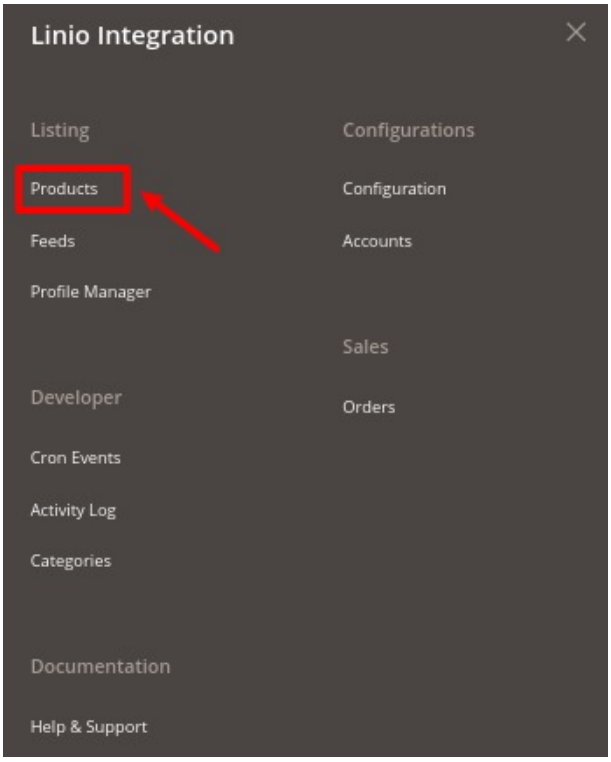
   All the available products are listed on this page.
4. Scroll down to the required product.

5. In the **Action** column, click the **Validate** button.
   The product validation message will appear.

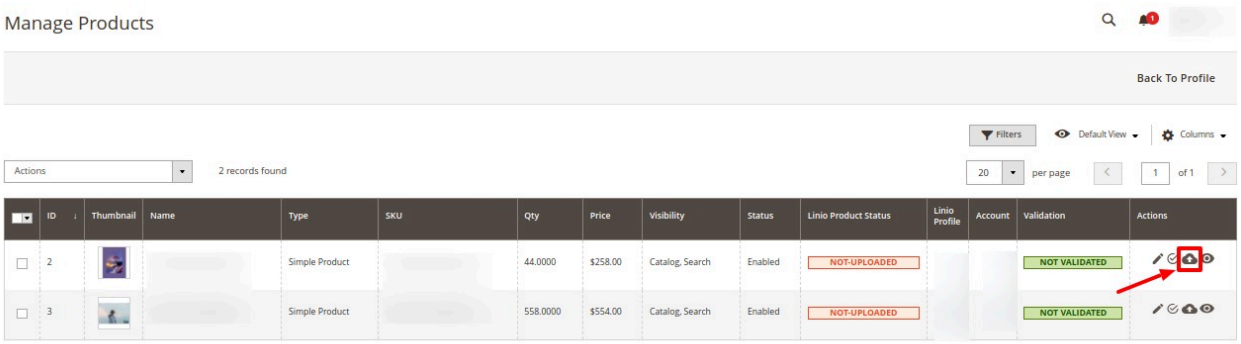
7.3. Upload a Single Product

To upload a single product,

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



3. Click on **Products**.
   The **Manage Products** page appears as shown in the following figure:



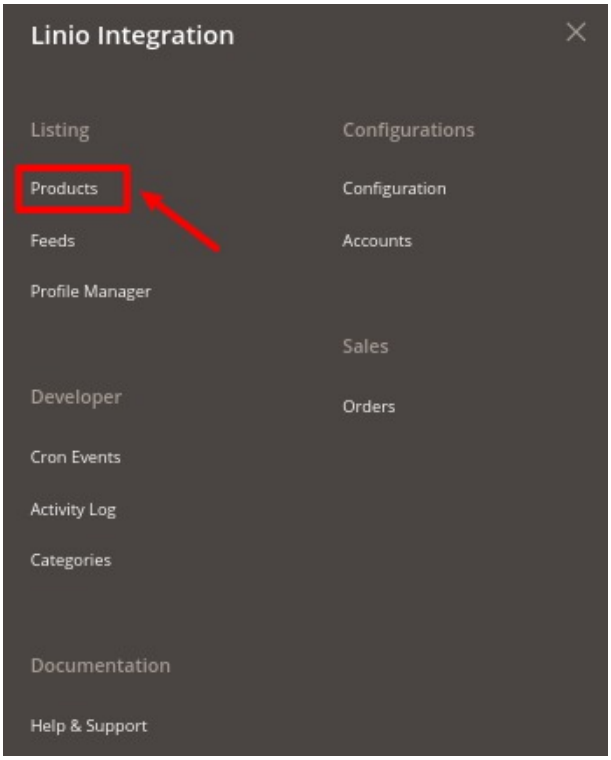
   All the available products are listed on this page.
4. Scroll down to the required product.
5. In the **Action** column, click the **Upload** button.

6. If the product is uploaded successfully, then the success message appears on the top of the page.
   If there is an error, then the error message appears on the top of the page.

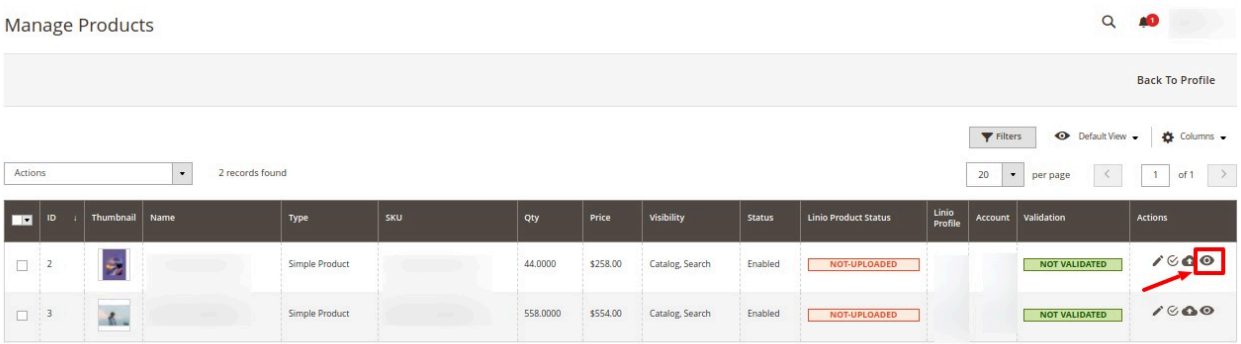
7.4. To View Errors

To View Error Logs,

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



3. Click on **Products**.
   The **Manage Products** page appears as shown in the following figure:

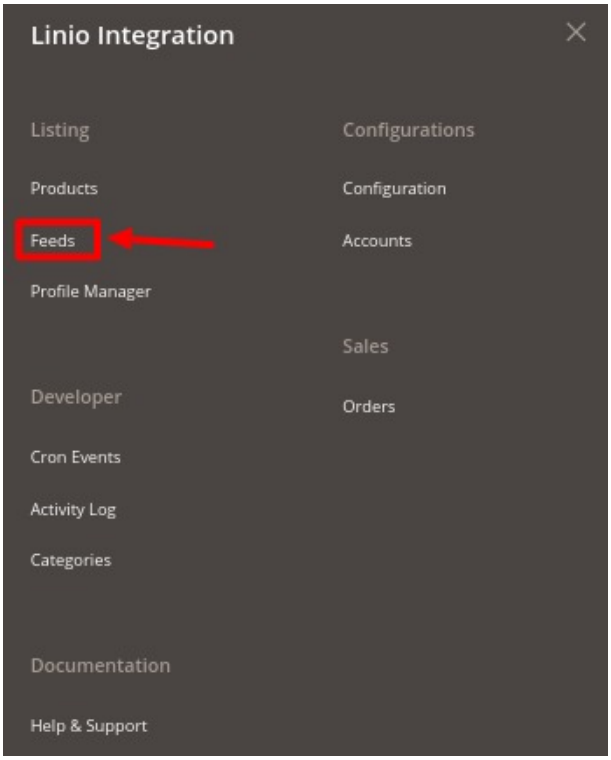


   All the available products are listed on this page.
4. Scroll down to the required product.
5. In the **Validation** column, click the **Invalid** button. The error log will appear.

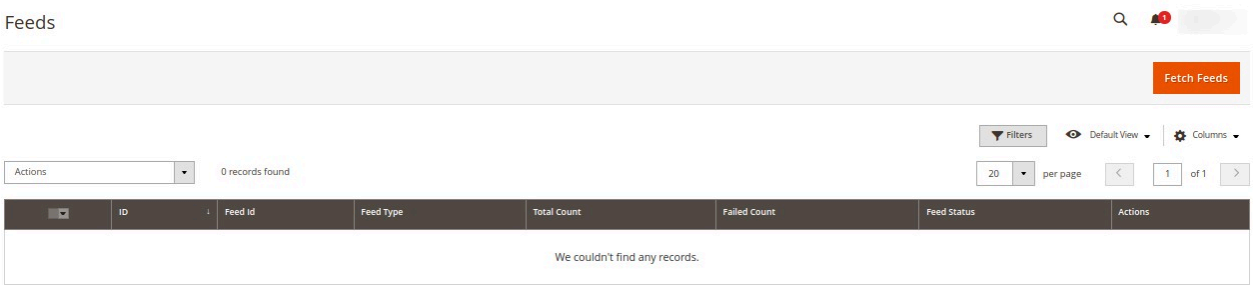
8. Manage Linio Feeds

To manage feeds,

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



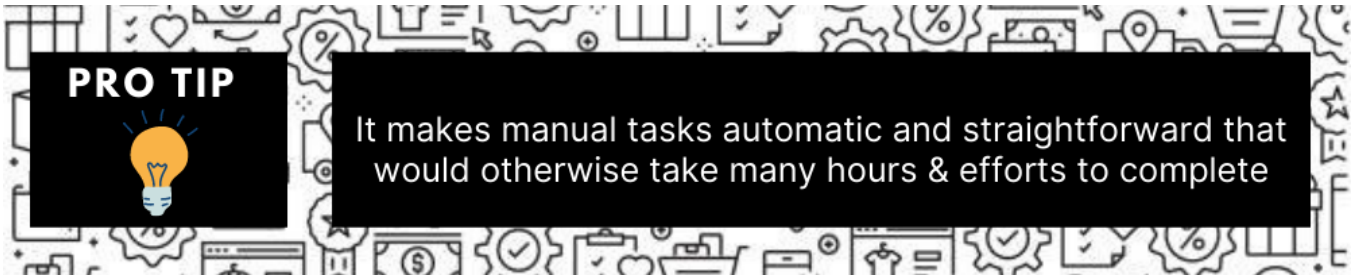
3. Click on **Feeds**.
   The **Feed Manager** Page appears as shown below:



4. The Linio feeds will appear in the grid.
5. To fetch the new feed click on the **Fetch Feed** button.

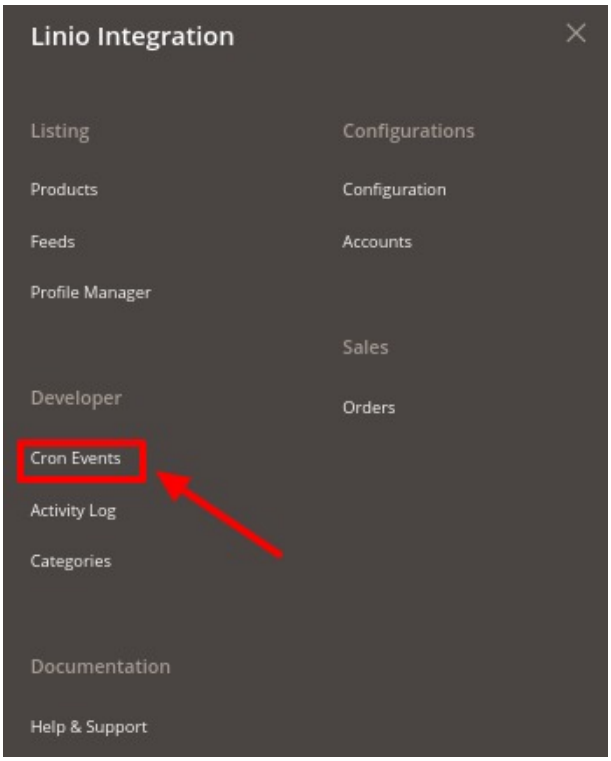
9. Manage Linio Crons

A cron job is a program that updates or repeats the given tasks at a fixed interval. This automatic job scheduler is not visible as it runs in the background of the Magento store.

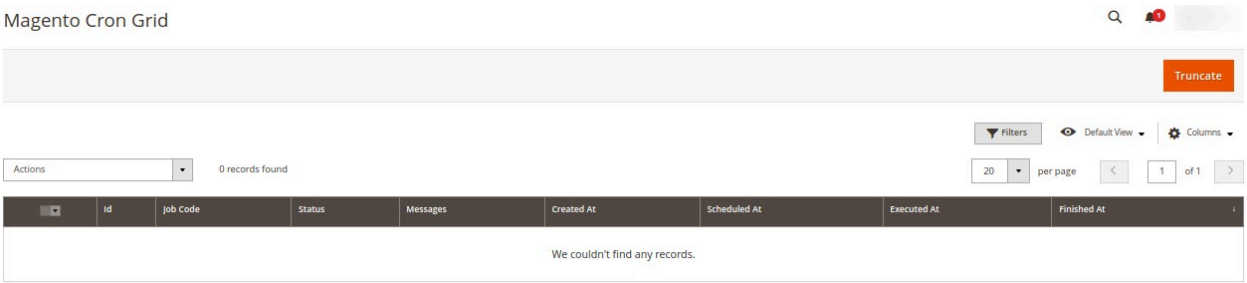


To manage cron logs,

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



3. Click on **Cron Events.**
   The **Cron** grid page appears as shown below:

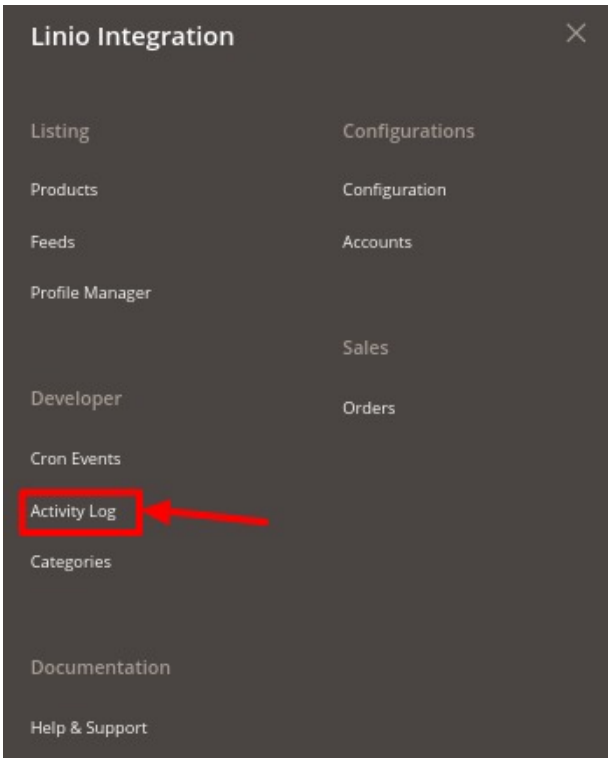


4. All the running crons will be displayed in the grid.
5. If you wish to delete the crons then you can click on the **Truncate** button. All the crons will be displayed.

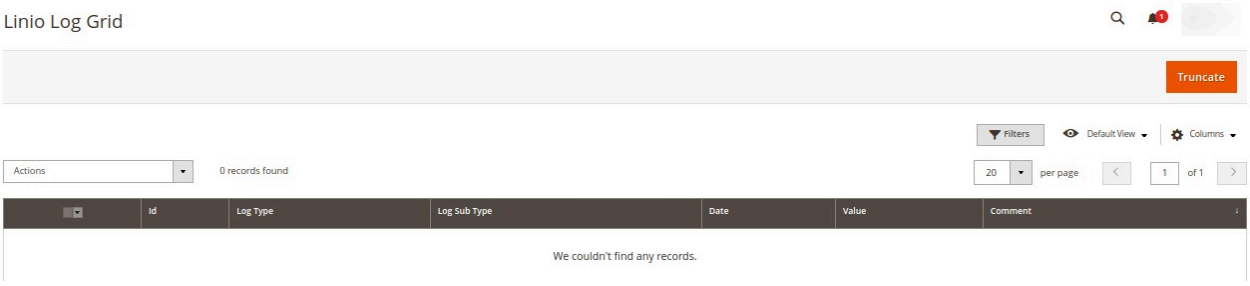
10. Activity Logs

To view Linio Log Grid,

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



3. Click on **Activity Log**.
   The **Linio** log grid page appears as shown below:

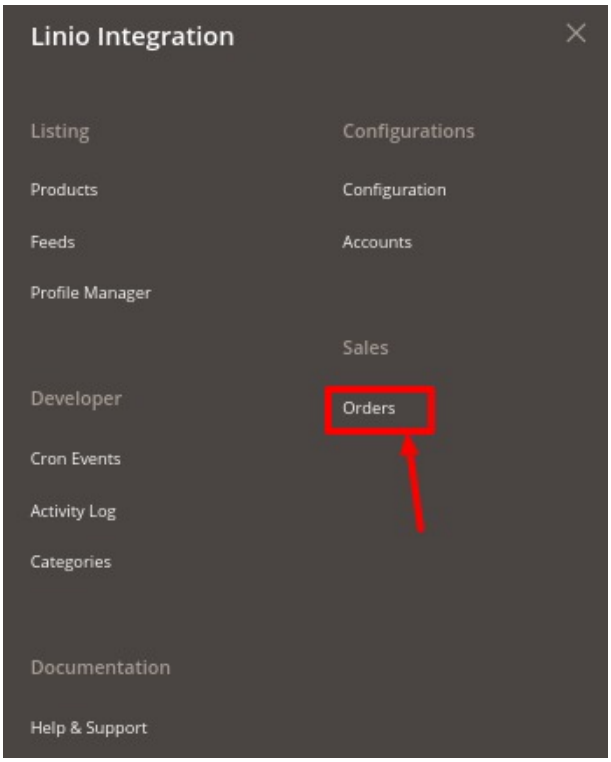


4. All the activity logs will be displayed in the grid above.

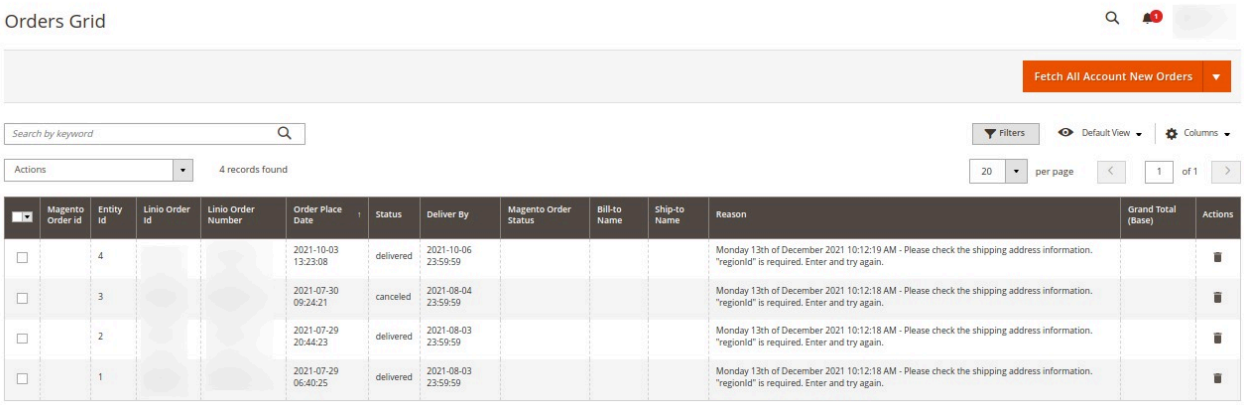
11. Manage Orders

To manage orders,

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



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



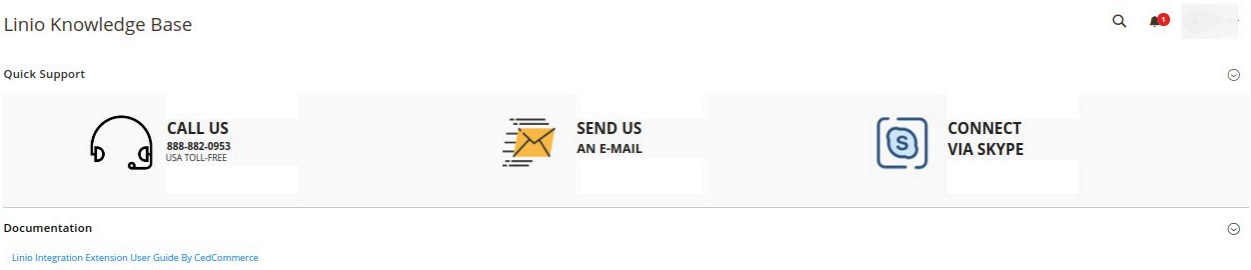
4. Click on **Fetch All Account New Orders**, and all the orders will get fetched from the Linio.
   If the order is imported successfully then, a new record is found in the Orders Grid table as shown in the figure.

12. Help & Support

To view Help and Support,

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

3. Click on **Help & Support**.
   The **Help and Support** page appears as shown below:



4. You can connect with us via **Call**, **Email**, or **Skype**.
5. To view **Documentation**, click on **Linio Integration User Guide by CedCommerce**.