Tmall Integration for Magento 2 User Guide

by CedCommerce Products Documentation

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1. Overview

Tmall Integration for Magento 2 store is an API integration that helps Magento 2 store owners to synchronize inventory, price, and other product details for product creation and management between Magento 2 stores and the Tmall marketplace.
This extension interacts with the Tmall marketplace to integrate the synchronized product listing between Magento 2 stores and Tmall retailers. After the installation, the merchant can create Tmall categories and the dependent attributes on the Magento 2 store.

Key Features-

- **Product Upload Based on Profile:** Enables the sellers to create a profile based on a single category, and then assign the products to the profile to automate the product upload.
- **Synchronized Inventory:** Auto synchronization of the inventory at regular intervals and the listing of the products along with all the details are established between Magento 2 and Tmall.
- **Product Category Mapping:** Follows many-to-one category mapping philosophy. Sellers can map many categories of the Magento store to a single category of Tmall.
- **Bulk Upload System:** The merchant has the flexibility to upload any number of products on Tmall using the bulk product upload feature.
- **Creation of Magento Orders:** The newly placed orders on Tmall are automatically created in the Magento store with all the required details as it is on Tmall.
- **New Order Notification:** A notification is sent to the seller if an order is placed on the Tmall marketplace for the product after it gets fetched from Tmall to Magento 2.

2. Extension Installation

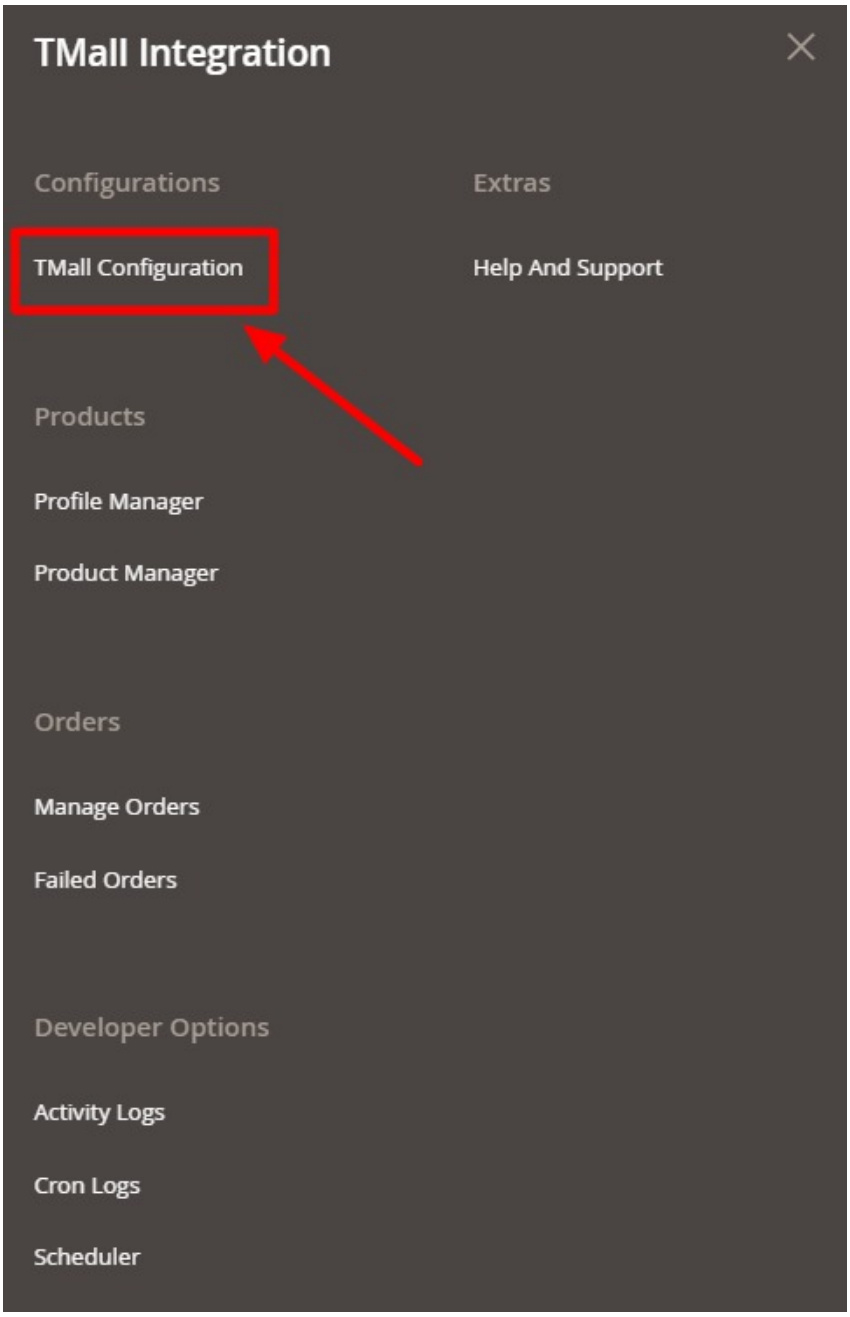
To install the extension,

1. Log in to 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 *code* folder, create a folder named *Ced*.
3. Upload or Drag and Drop *app/code/Ced/TMall* and *app/code/Ced/Integrator*.
4. Now run the below 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

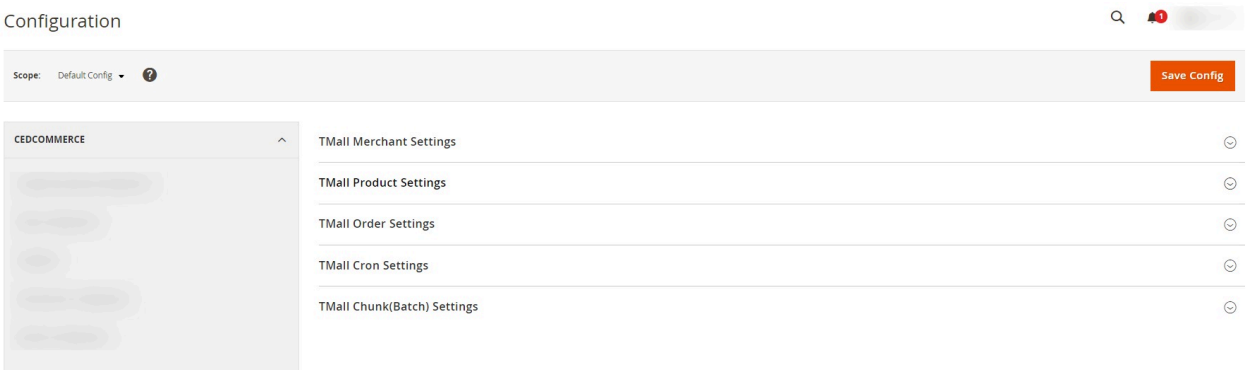
3. TMall Configuration

To configure the extension,

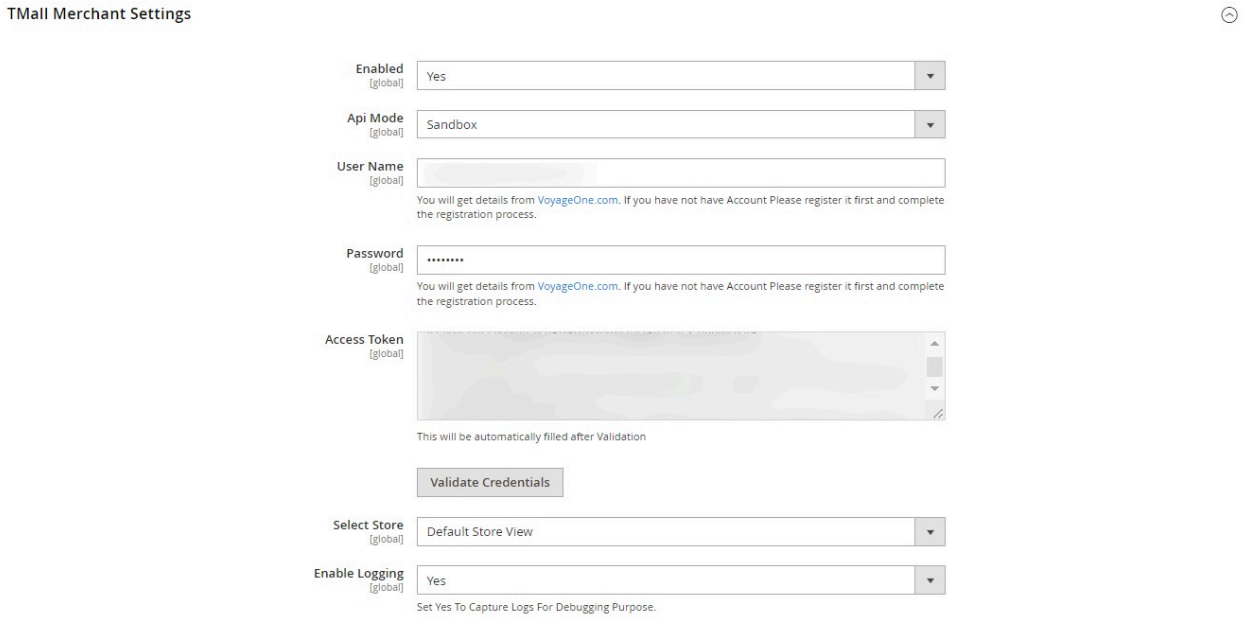
1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:



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



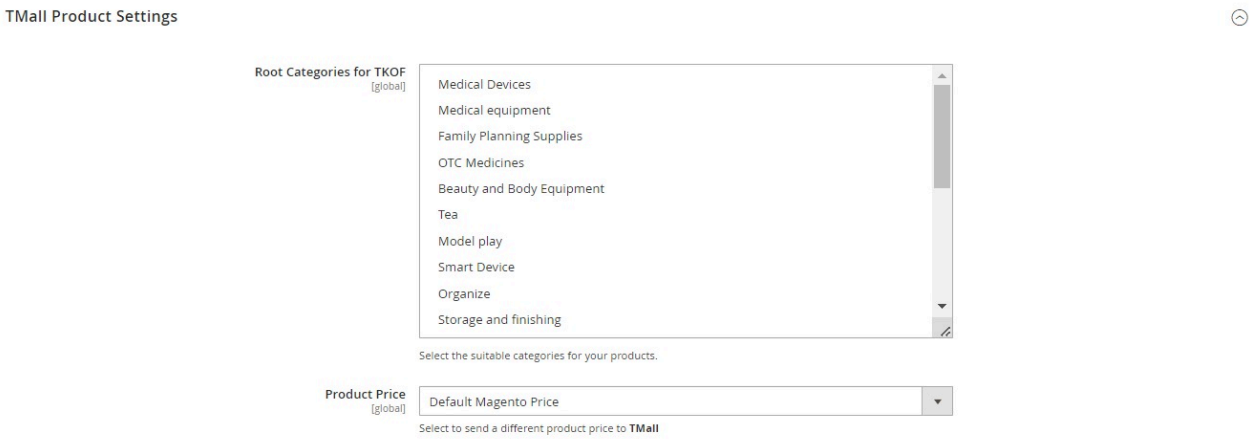
4. Click on **Tmall Merchant Settings**, the section is expanded as shown below:



5. Under **Tmall Merchant Settings**, do the following steps:
    - In **Enabled**, select **Yes** to enable the extension configuration settings.
    - In **API Mode**, select the store mode, i.e, **Sandbox** or **Live**.
    - In **User Name**, you will get details from VoyageOne.com(http://VoyageOne.com) . If you have not had an account please register it first and complete the registration process.
    - In **Password**, enter the password for the account.
    - The **Access Token** will be automatically filled after validation.

Click on Validate Credentials button, to validate the above details.

    - In **Select Store**, select the store view.
    - In **Enable Logging**, select **Yes** to capture logs for debugging purposes.
6. Scroll down and click on **Tmall Product Settings**, the section is expanded as shown below:



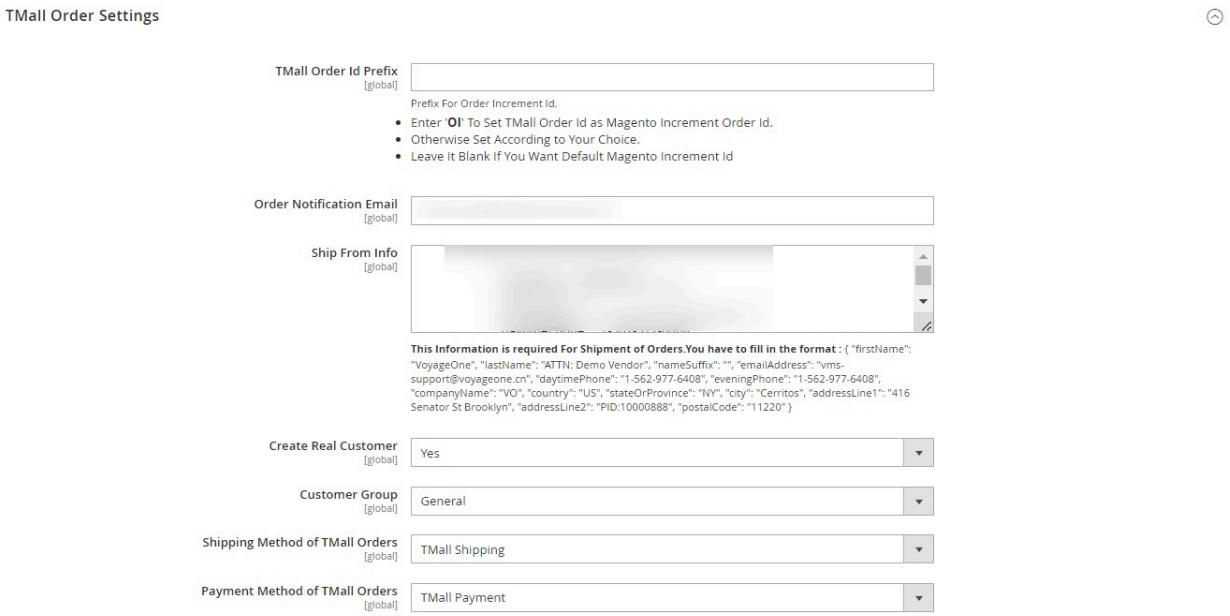
7. Under **Tmall Product Settings**, do the following steps:
    - In **Root Categories for TKOF**, select the suitable categories for your products.
    - In the **Product Price** list, select one of the following options:

        - **Increase by Fixed Price**: If selected, then the **Modify by Fix Price** field appears.

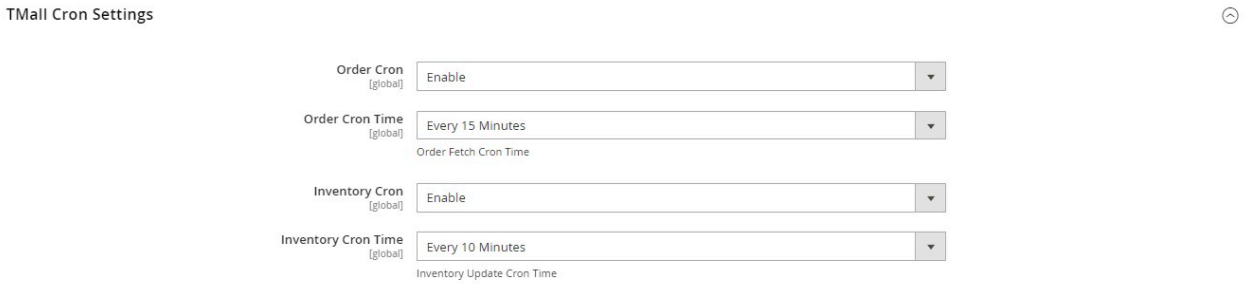
        - **Increase by Fixed Percentage**: If selected, then the **Modify by Percentage Price** field appears.
          Enter the numeric value to increase the price of the Tmall, product price by the entered value % of Magento price.
          For Example,
          Magento 2 price + 5% of Magento 2 price.
          Magento 2 Price = 100
          Select the **Increase By Fixed Percentage** option
          Modify by Percentage Price = 5
          100 + 5% of 100 = 100 + 5 = 105
          Thus, Tmall 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 Tmall product price by the entered value % of Magento 2 price.
          For Example,
          Magento 2 price – 5% of Magento 2 price.
          Magento 2 Price = 100
          Select **the Decrease By Fixed Percentage** option
          Modify by Fix Price = 5
          100 – 5% of 100 = 100 – 5 = 95
          Thus, Tmall Product Price = 95
8. Now scroll down and click on **Tmall Order Settings**, the section is expanded as shown below:



9. Under **Tmall Order Settings**, do the following steps:
    - In **Tmall Order Id Prefix**, enter the prefix for Tmall order increment id.
    - In the **Order Notification Email**, enter the email id for receiving the order notifications.
    - In **Ship From Info**, enter the information required for the shipment of orders. The format to fill this will be:
      { “firstName”: “VoyageOne”, “lastName”: “ATTN: Demo Vendor”, “nameSuffix”: “”, “emailAddress”: “vms-support@voyageone.cn”, “daytimePhone”: “1-562-977-6408”, “eveningPhone”: “1-562-977-6408”, “companyName”: “VO”, “country”: “US”, “stateOrProvince”: “NY”, “city”: “Cerritos”, “addressLine1”: “416 Senator St Brooklyn”, “addressLine2”: “PID:10000888”, “postalCode”: “11220” }
    - In **Create Real Customer**, select **Yes** if you want to create a real customer for the order.
    - In **Customer Group**, select the group of the customer.
    - In **Shipping Method of Tmall Orders**, select the Tmall shipping method.
    - In **Payment Method of Tmall Orders**, select the payment method.
10. Scroll down and click on **Tmall Cron Settings**, the section is expanded as shown below:



11. Under **Tmall Cron Settings**, do the following steps:
    - In **Order Cron**, select **Enable** to fetch the orders automatically through crons.
    - In **Order Cron Time**, select the duration at which you want the order cron to run.
    - In **Inventory Cron**, select **Enable** to update the inventory through cron.
    - In **Inventory Cron Time**, select the duration at which you want the inventory cron to run.
12. Now scroll down and click on **Tmall Chunk(Batch) Settings**, the section is expanded as shown below:

13. Under **Tmall Chunk(Batch) Settings**, do the following steps:
    - In **Product Validation Chunk Size**, enter the quantity for product validation.
    - In **Product Upload Chunk Size**, enter the chunk size for uploading products.
    - In **Product Sync Chunk Size**, enter the chunk size for syncing the products.

4. Profile Manager

Sellers can create a new profile and assign the required products to the profile. While creating and editing the

profile, sellers can map the Magento 2 attributes to the Tmall attributes. These attributes are applicable to all the products that are assigned to the profile.

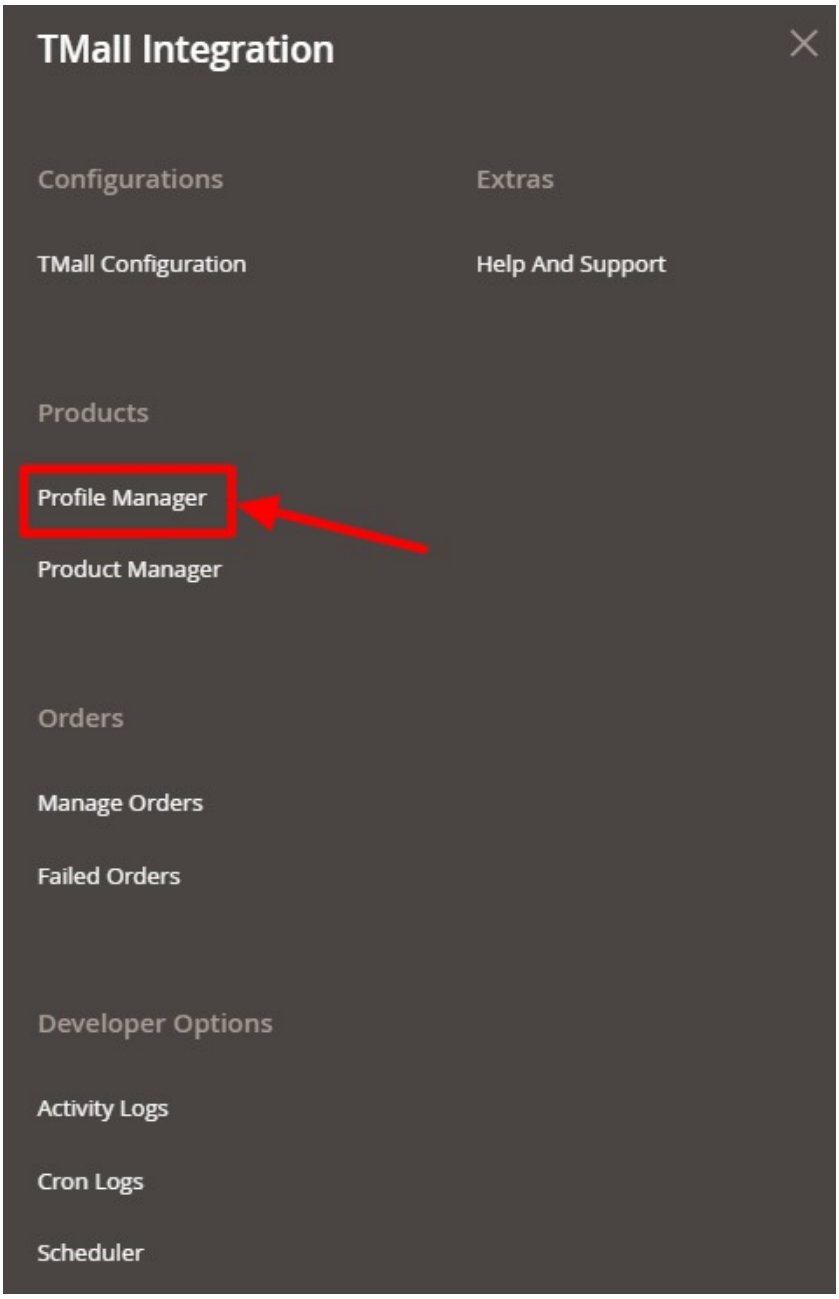
Sellers can do the following tasks:

- Add new profile
- Edit the existing profile
- Bulk Action on the Selected Profiles

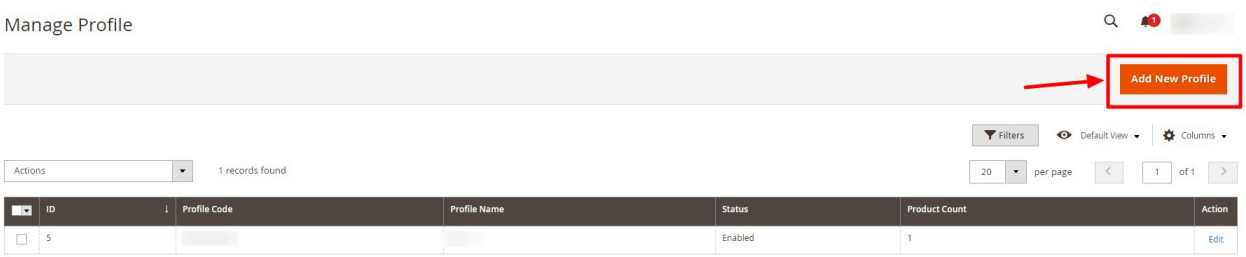
4.1. Add a New Profile

To Add New Profile,

1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:

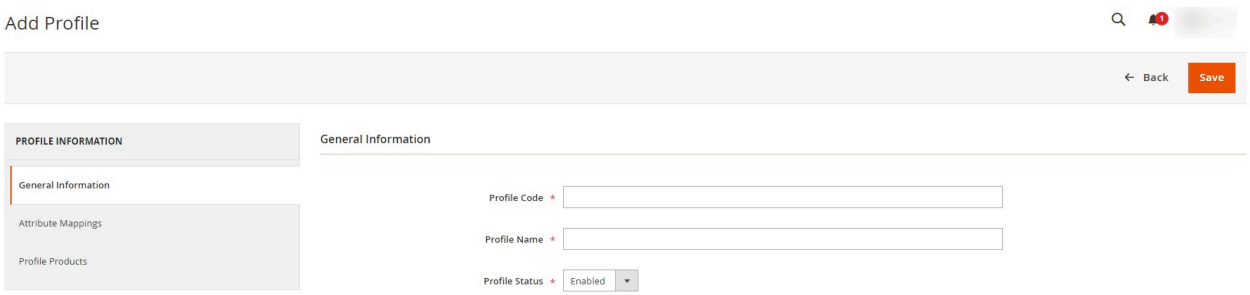


3. Click on **Profile Manager**.
   The **Profile Manager** page appears as shown below:

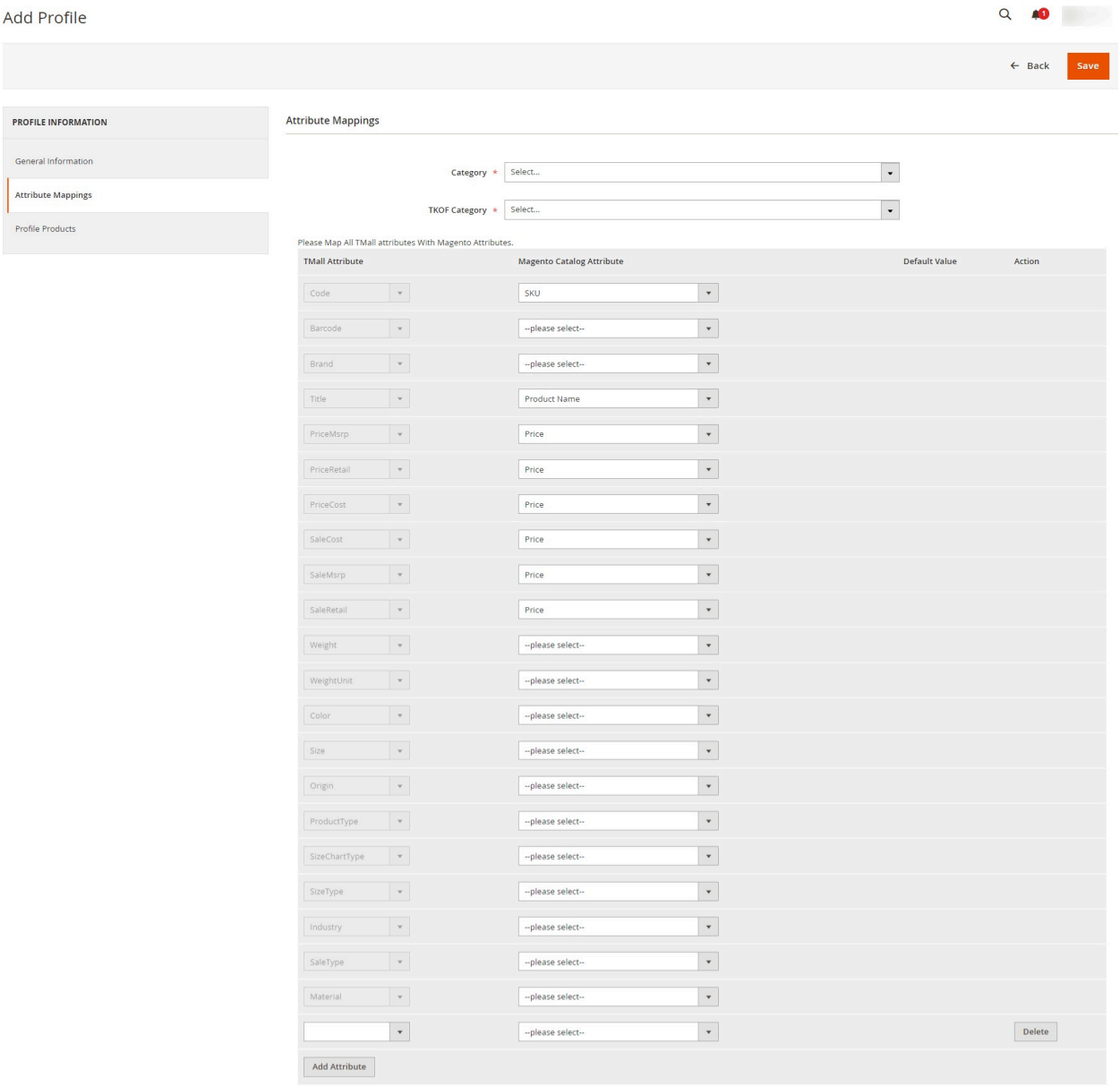


4. Click on **Add New Profile** button to create a new profile.

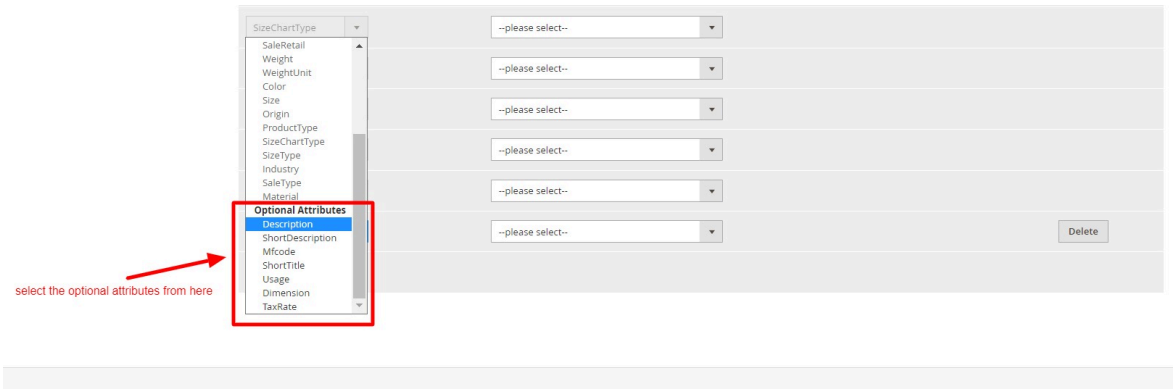
The **Add New Profile** page appears as shown below:



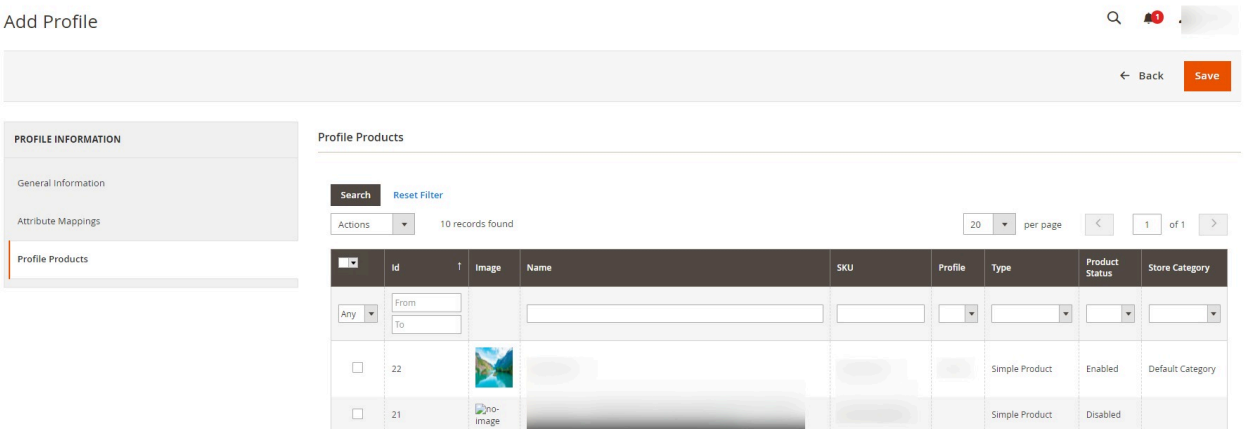
5. In the right panel, under **General Information** do the following steps:
    - In the **Profile Code** box, enter a profile code.
      Note: It is only for internal use. Use the unique profile code with no spaces. Start with small letters.
    - In the **Profile Name** box, enter the name of the profile.
      Note: Use the unique name to identify the profile.
    - In the **Profile Status** list, select **Enabled** to enable the profile.
      Note: The Inactive option disables the profile.
6. In the left navigation panel, click on **Attribute Mappings**.
   In the right panel, the page appears as shown in the following figure:



7. Under **Attribute Mappings** do the following steps:
    - In the **Category**, select the required category for the profile.
    - In **TKOF Category**, select the required category from the list.
    - Then map all the required Tmall attributes with the Magento Attributes.
    - Now map the optional attributes to Magento attributes:



8. In the left navigation panel, click on **Profile Products**.
   The section appears as shown below:

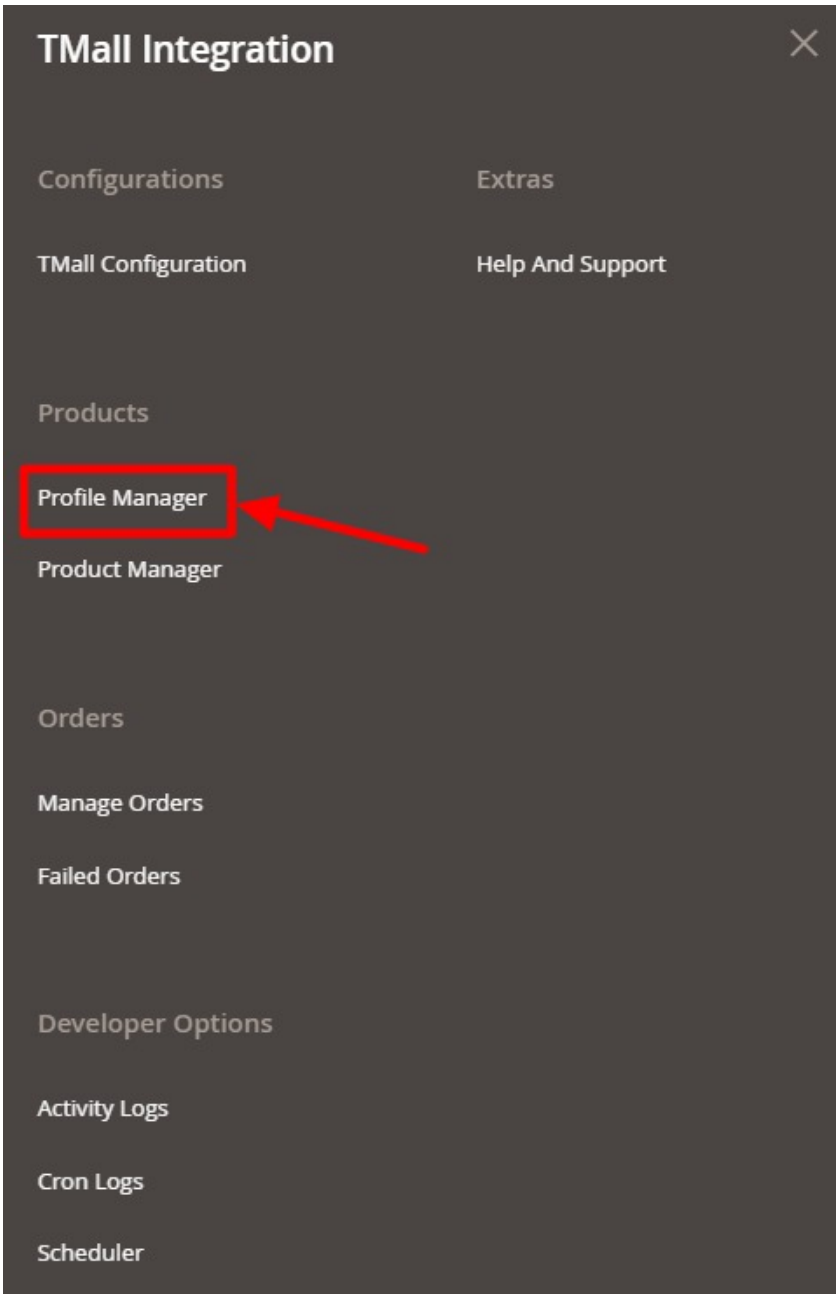


9. All the products are listed in the table.
10. Click on the **Save** button.
    The profile is saved and created on the **Manage Profile** page.

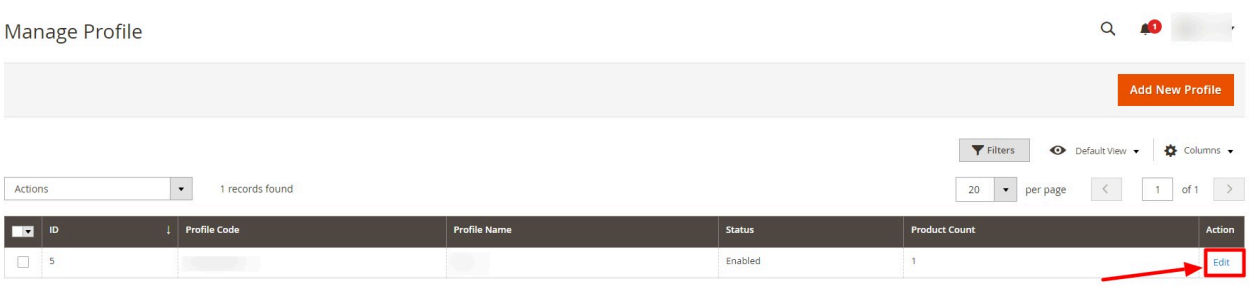
4.2. Edit Existing Profile

To edit an existing profile,

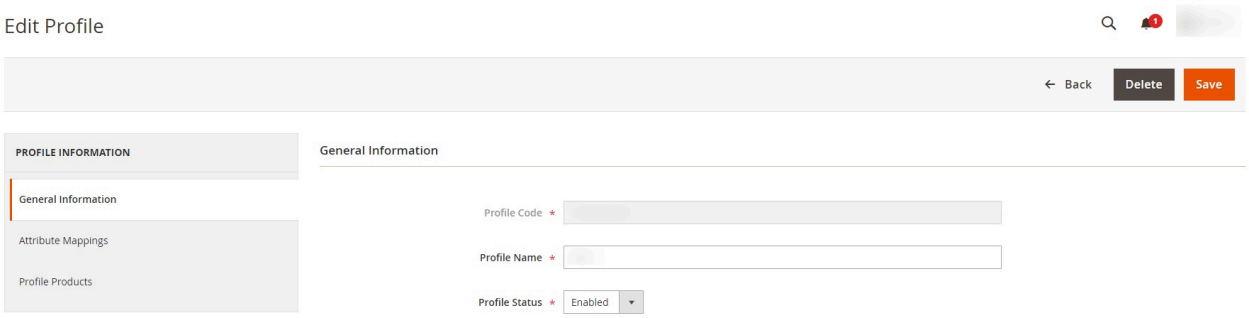
1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:



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



4. Scroll down to the required profile row.
5. In the **Action** column of the respective row, click the **Edit** link.
   The profile editing page appears as shown in the following figure:

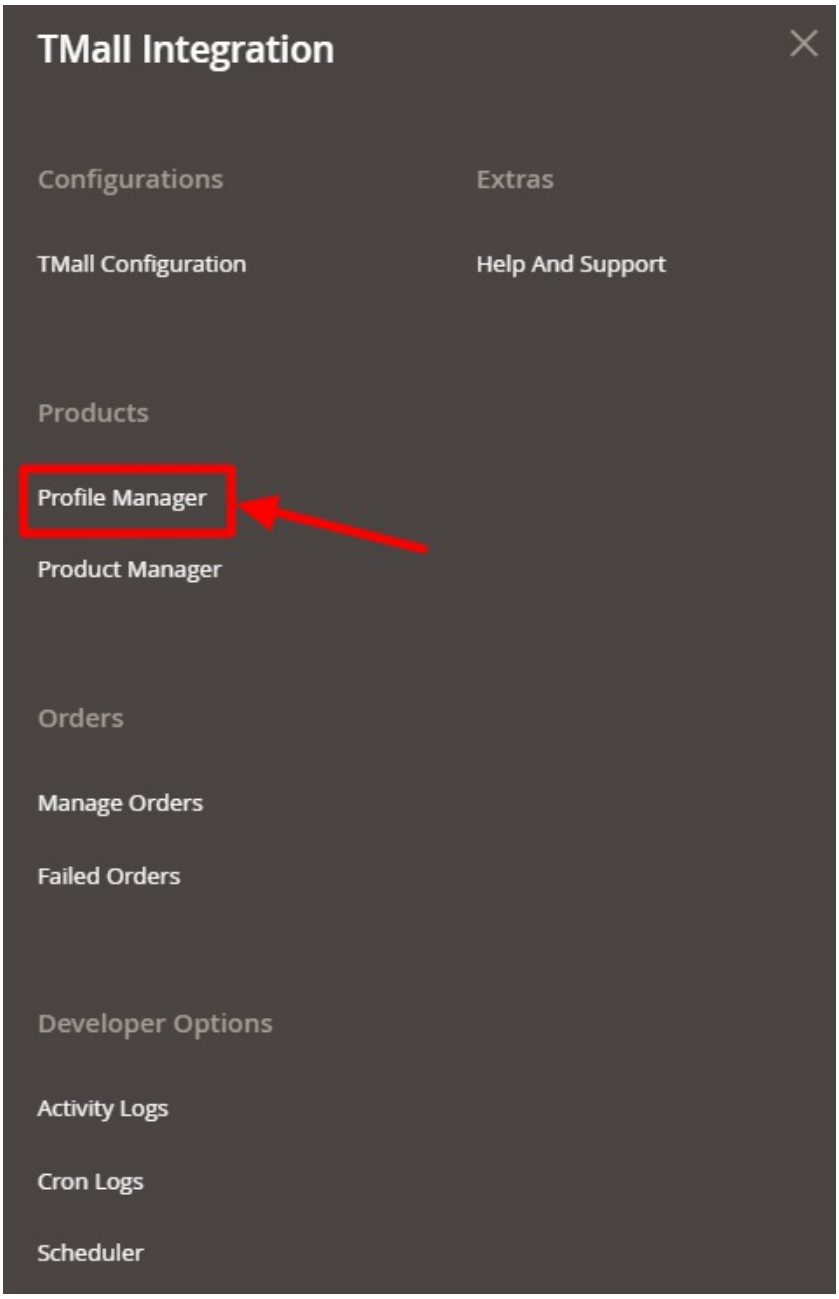


6. In the left navigation panel, click the required menu, and then make the changes as per requirement in the respective section.
7. Click on the **Save** button.
   The edited profile is saved and the success message appears on the **Manage Profile** page.

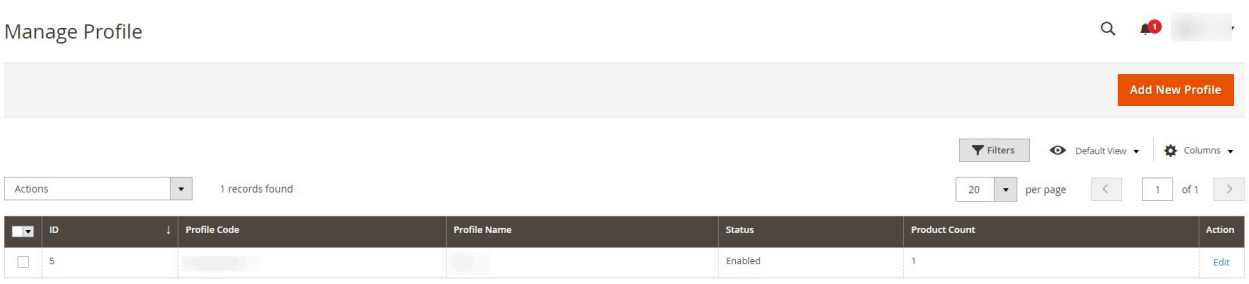
4.3. Submit Bulk Actions on Profiles

To perform bulk actions on profiles,

1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:

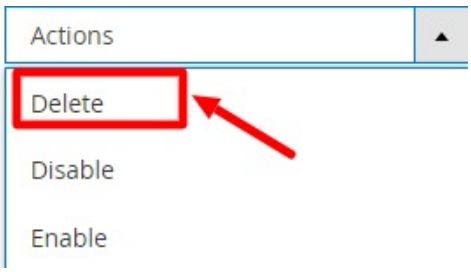


3. Click on **Profile Manager**.
   The **Profile Manager** page appears as shown below:

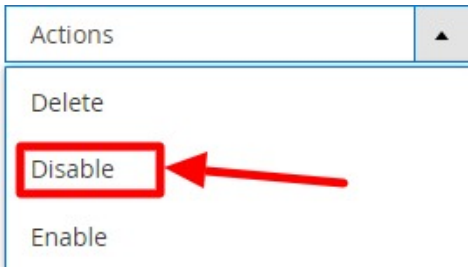


On this page, all the available profiles are listed.

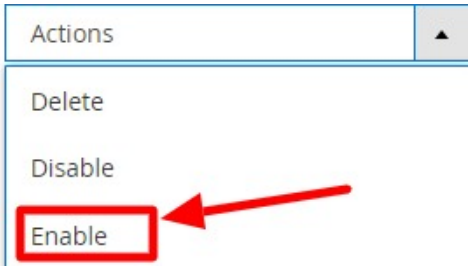
4. To delete the selected profiles, do the following steps:
   - Select the profiles that are no more required.
   - Click the **Arrow** button next to the **Actions** field.
     The **Actions** list appears as shown in the following figure:



   - Click the **Delete** option.
     A confirmation dialog box appears.
   - Click the **OK** button.
     The selected profiles are deleted.
5. To disable the selected profiles, do the following steps:
   - Select the required profiles.
   - Click the **Arrow** button next to the **Actions** field.
     The **Actions** list appears as shown in the following figure:



   - Click the **Disable** option.
     The selected profiles are disabled.
6. To enable the selected profiles, do the following steps:
   - Select the required profiles.
   - Click the **Arrow** button next to the **Actions** field.
     The **Actions** list appears as shown in the following figure:

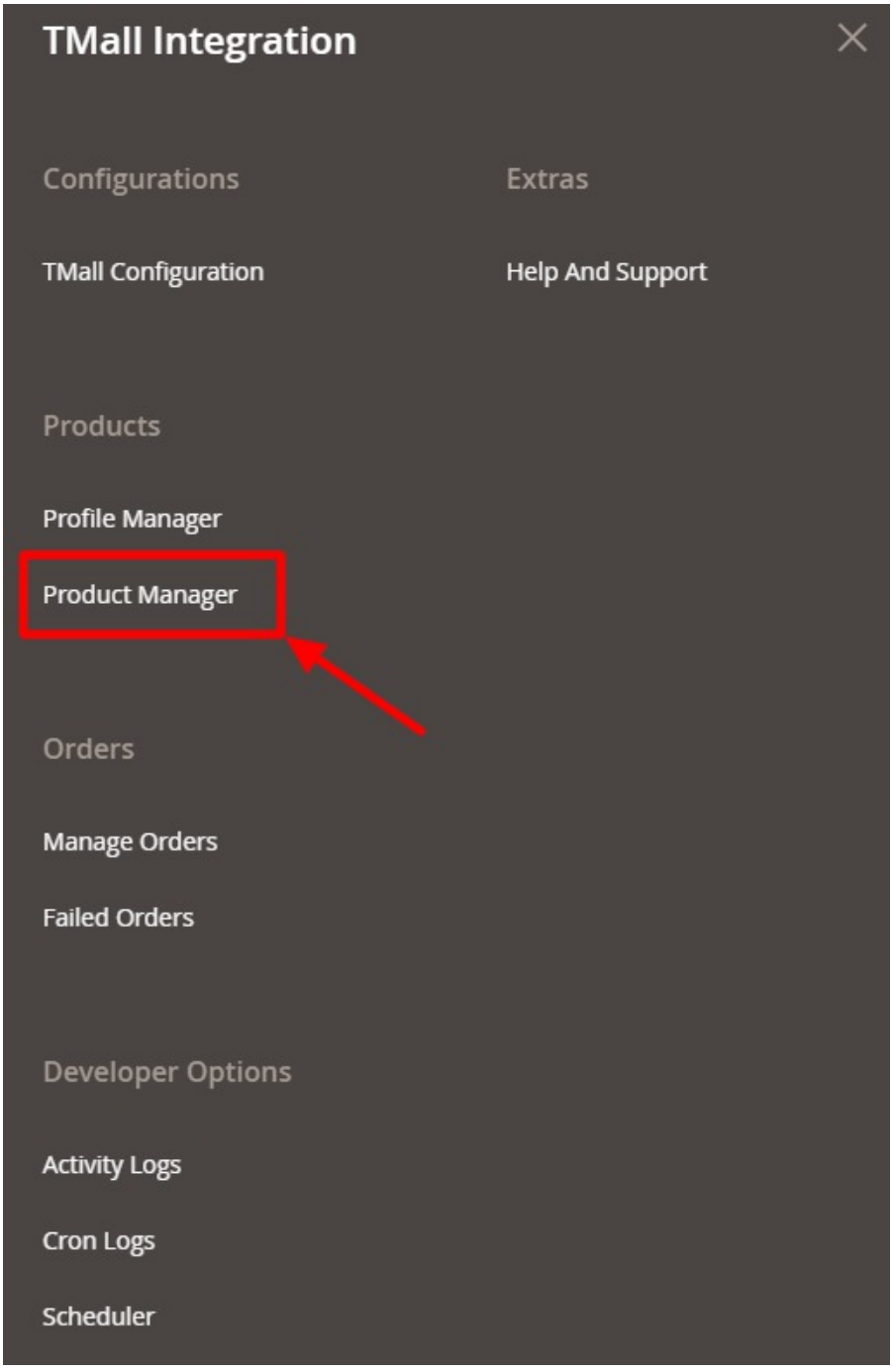


   - Click the **Enable** option.
     The selected profiles are enabled

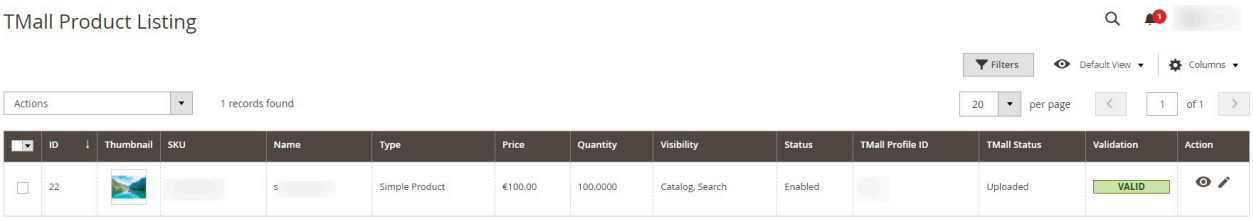
5. Product Manager

To manage products,

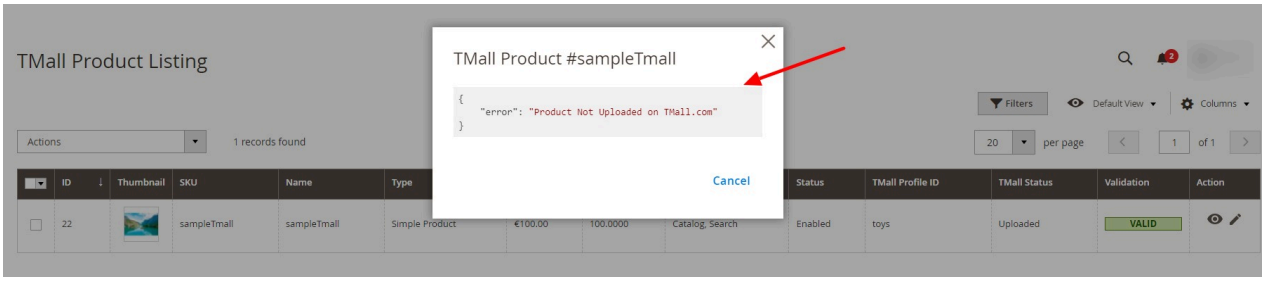
1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:



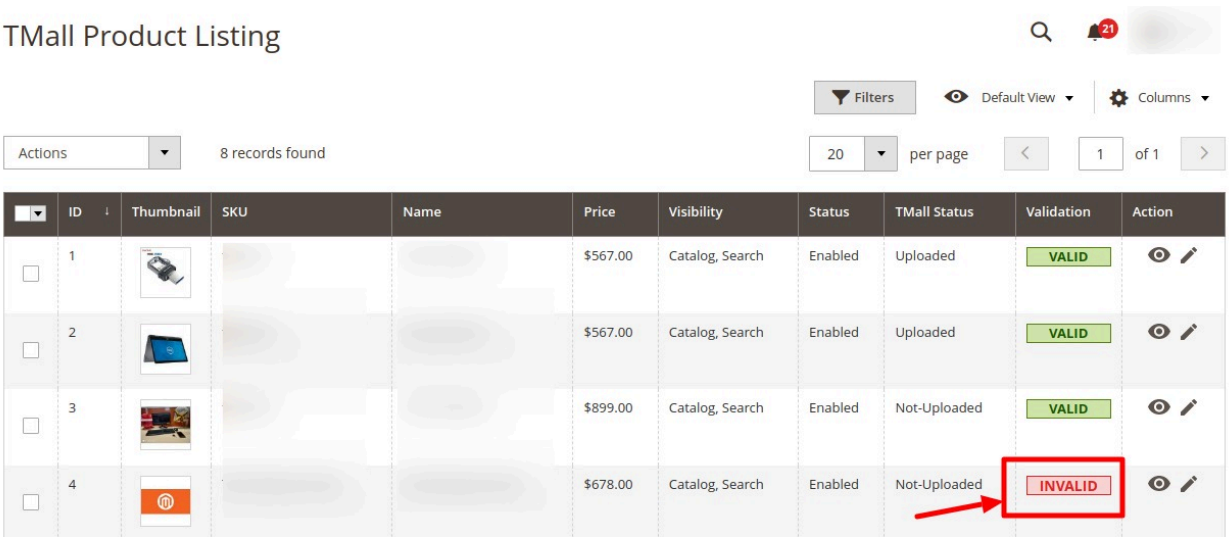
3. Click on **Product Manager**.
   The **Product Manager** page appears as shown below:



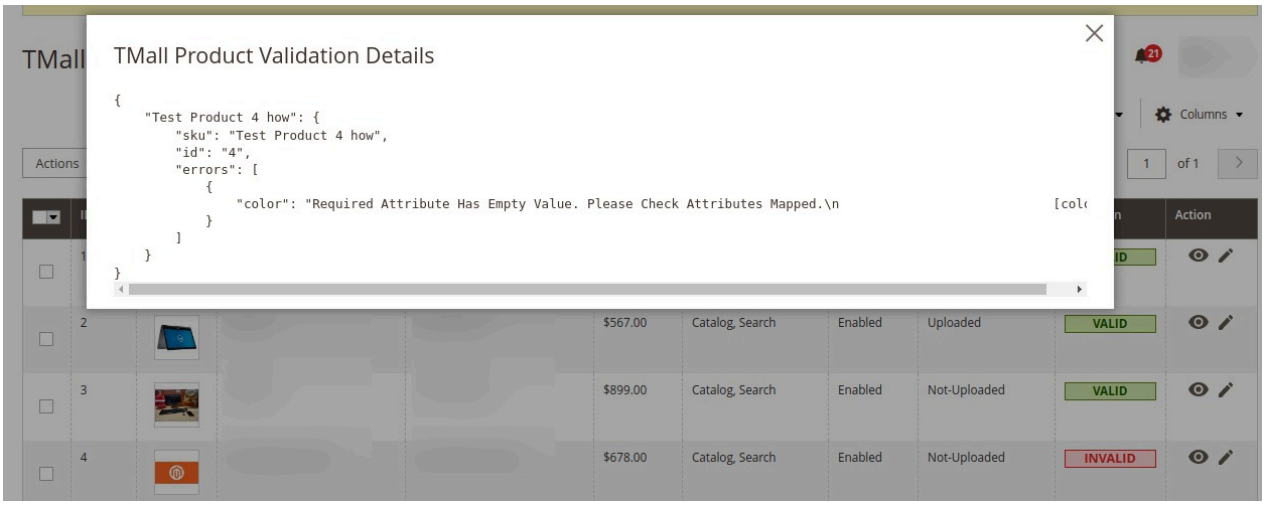
4. All the products will be listed in the table.
5. To view the product details click on the **View** icon under **Action**.



6. To edit the product details, click on the **Edit** button under **Actions**. Here you can the required edits in the product details.
7. If the product is valid its status will be displayed as **Valid** in the product grid but if the product details are invalid, then click on **Invalid** to view the reason for Invalid.

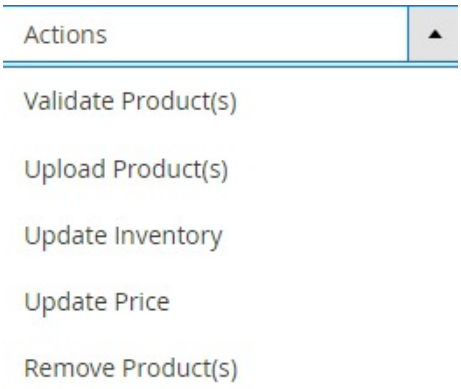


The reason for the invalid will be displayed as shown below:



To perform bulk actions on Upload,

1. In the **Actions** list, choose the following options as shown in the figure:

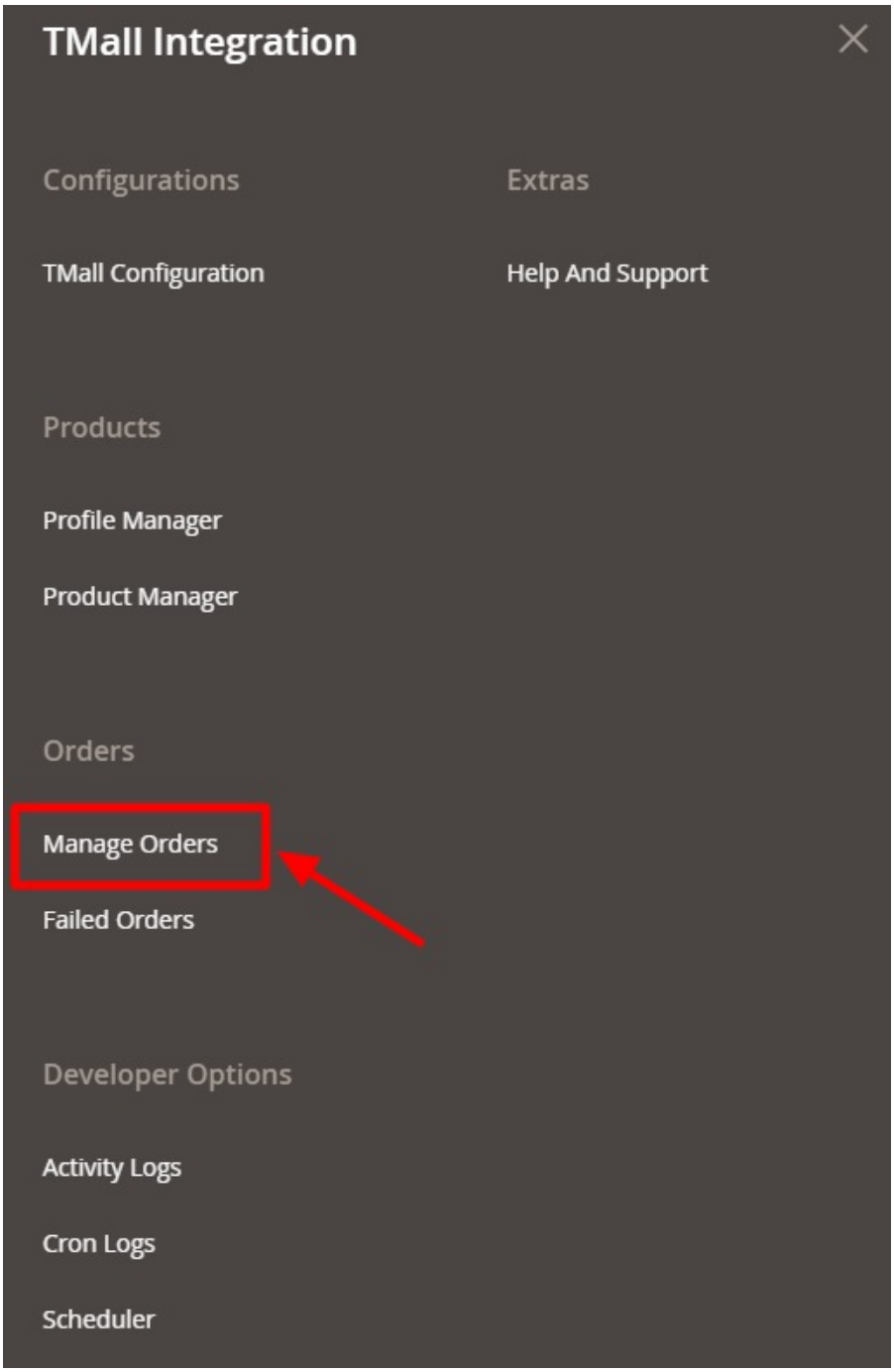


2. To validate the products, click on **Validate Product(s)**. The selected products will be validated.
3. To upload the products, click on **Upload Product(s)**. The selected products will be uploaded.
4. To update the inventory, click on **Update Inventory**. The selected products inventory will be updated.
5. To update the price of the products, click on **Update Price**. The price for the selected products will be updated.
6. To delete the products, click on **Remove Products(s)**. The selected products will be deleted.

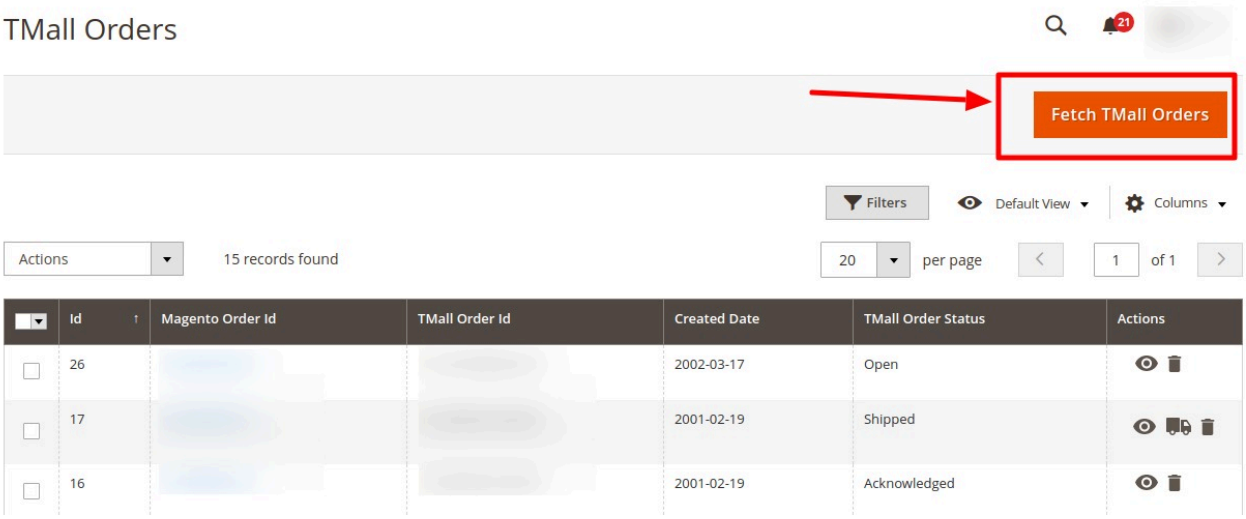
6. Manage Orders

To manage the orders,

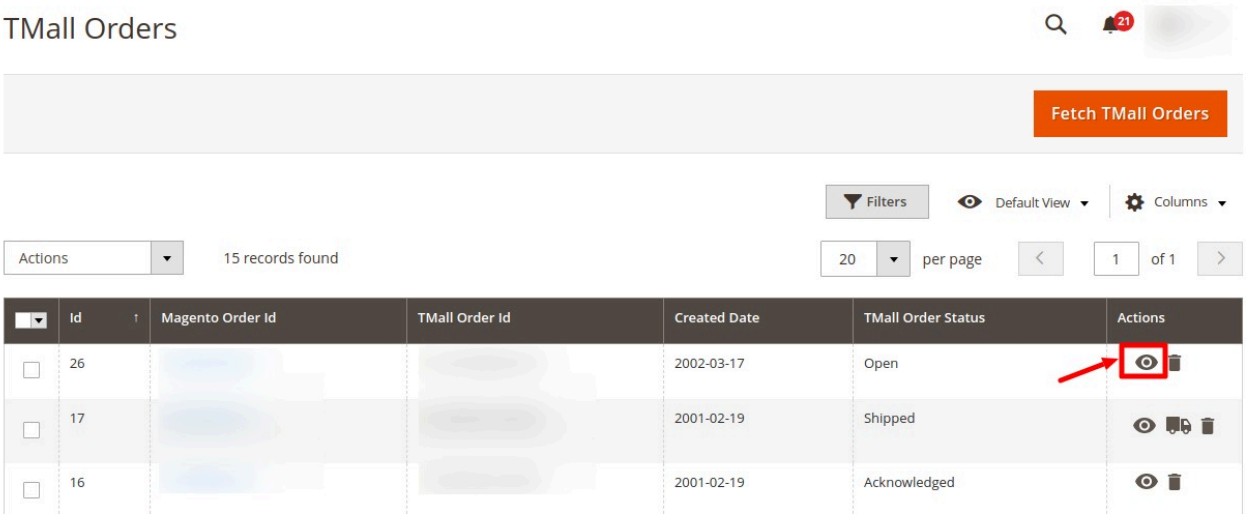
1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:



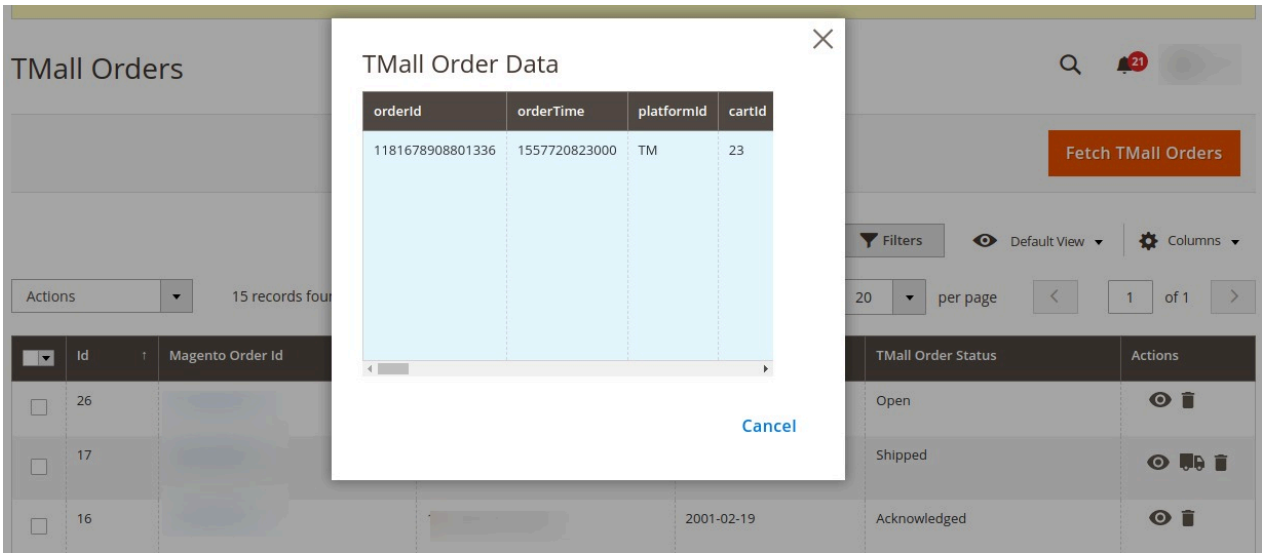
3. Click on **Manage Orders**.
   The **Manage Orders** page appears as shown below:



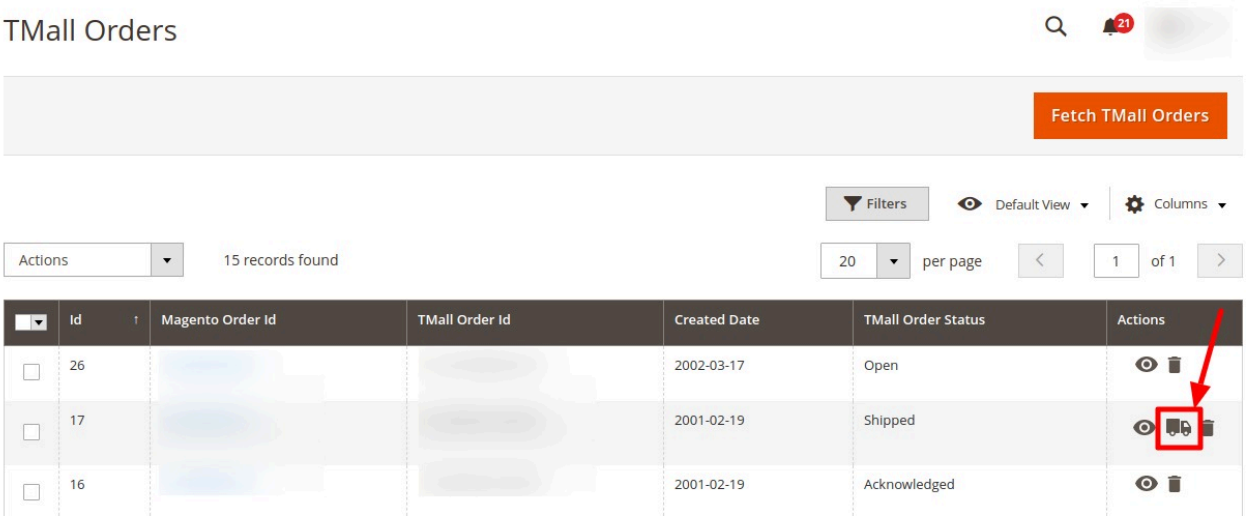
4. Click on the **Fetch Tmall Orders** button to fetch new orders.
5. To View the Order details click on **View**.



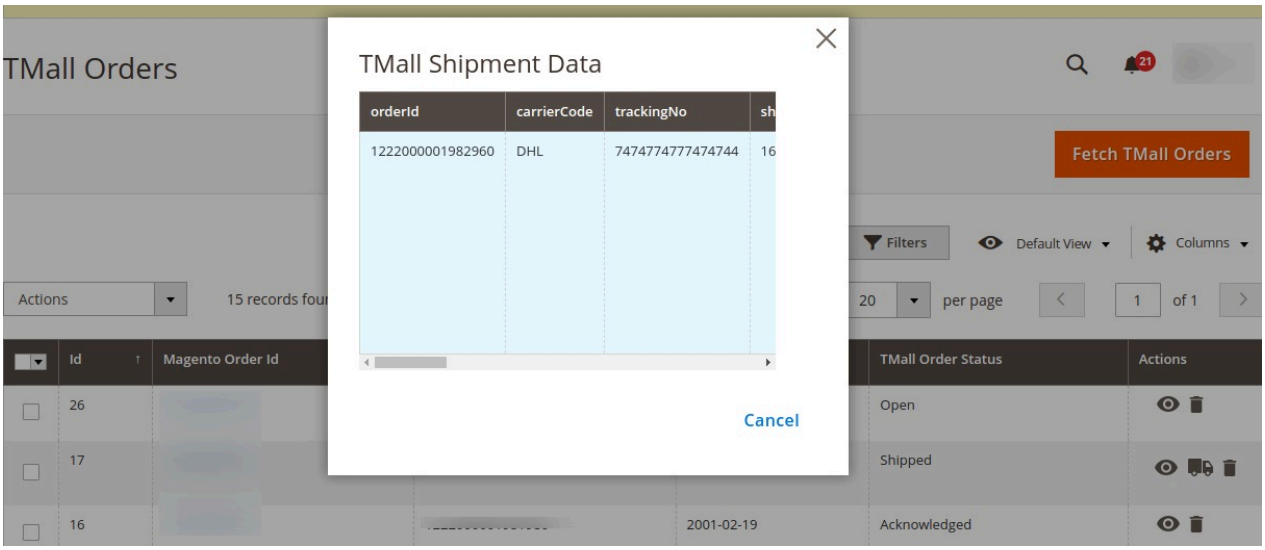
You can view the order details as shown below:



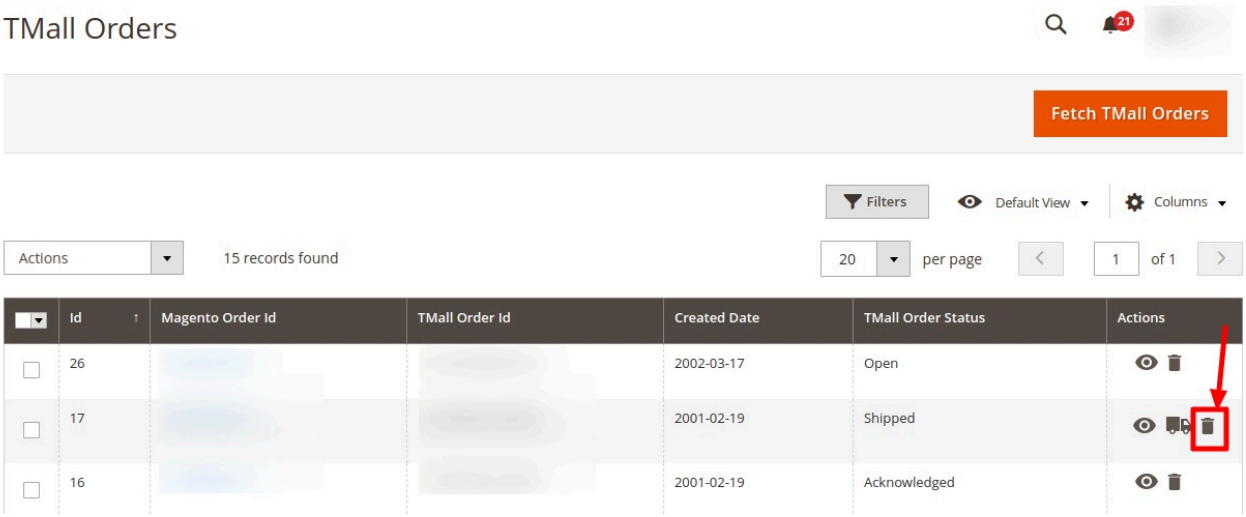
6. To view the Shipment details of the order, click on the **Shipment** icon.



The Shipment details will be displayed as shown below:



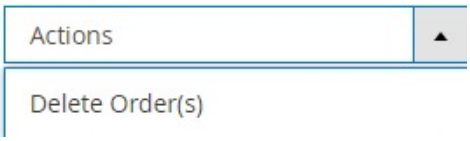
7. To delete the order click on the **Delete** icon.



The selected order will be deleted.

To delete orders in bulk,

1. On the **Tmall Orders Grid**, click on the **Actions** list.

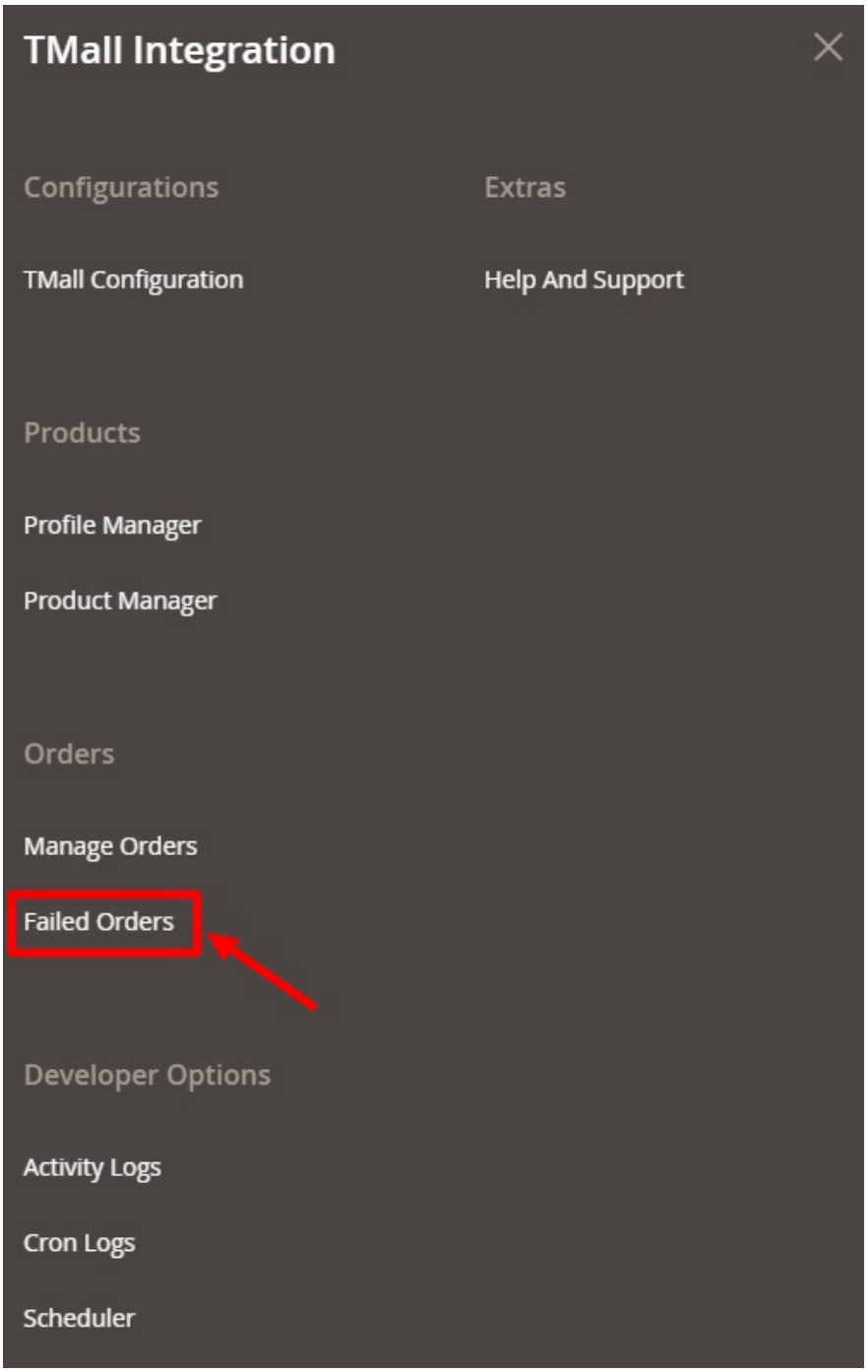


2. Click on **Delete Order(s)**.
   The selected orders will be deleted.

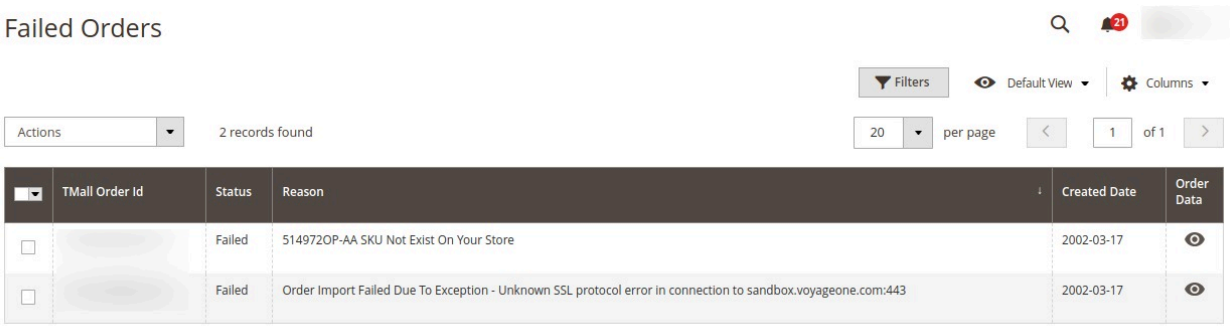
7. Failed Orders

To view failed orders,

1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:



3. Click on **Failed Orders**.
   The **Failed Orders** page appears as shown below:

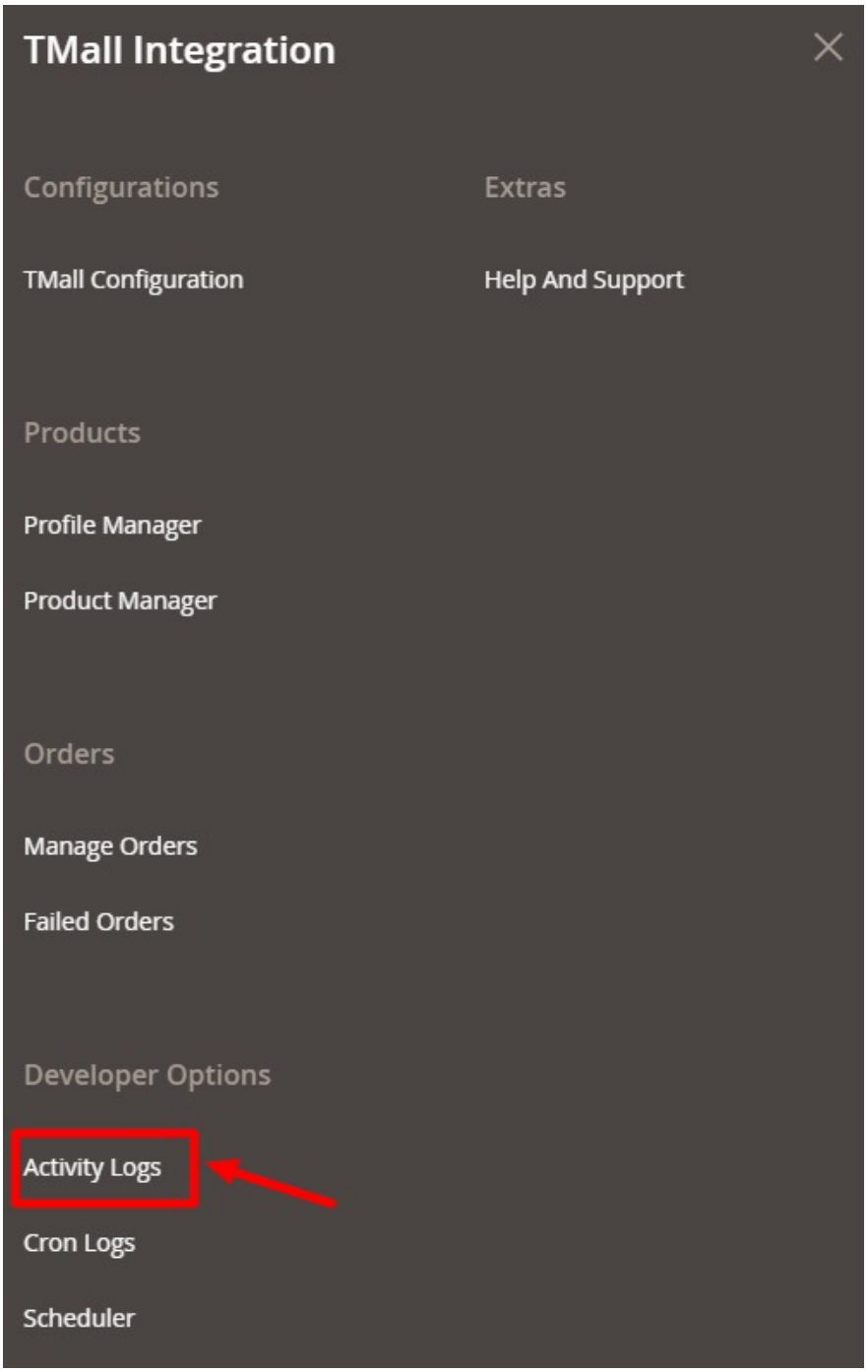


4. All the failed orders along with the reason for failure will be displayed.

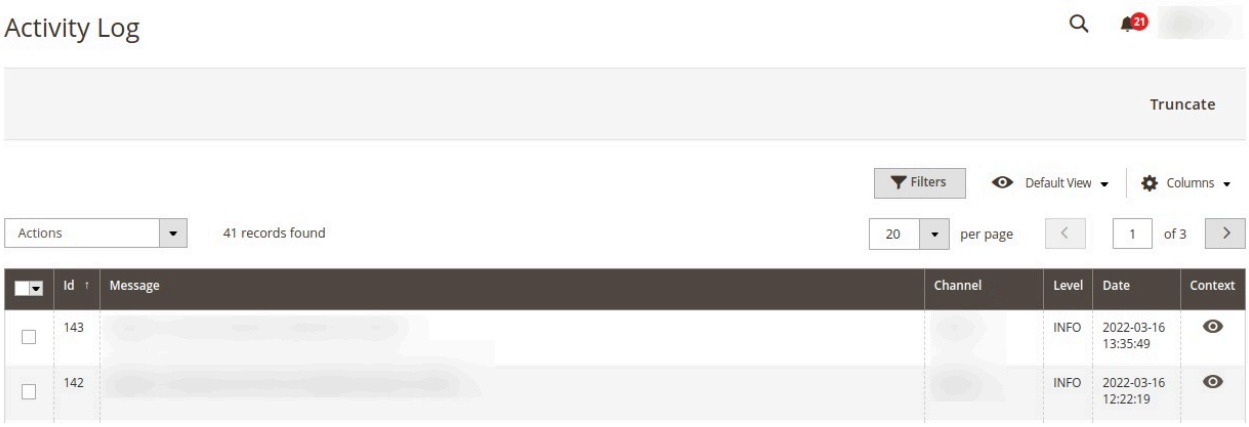
8. Activity Logs

To manage activity logs,

1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:



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

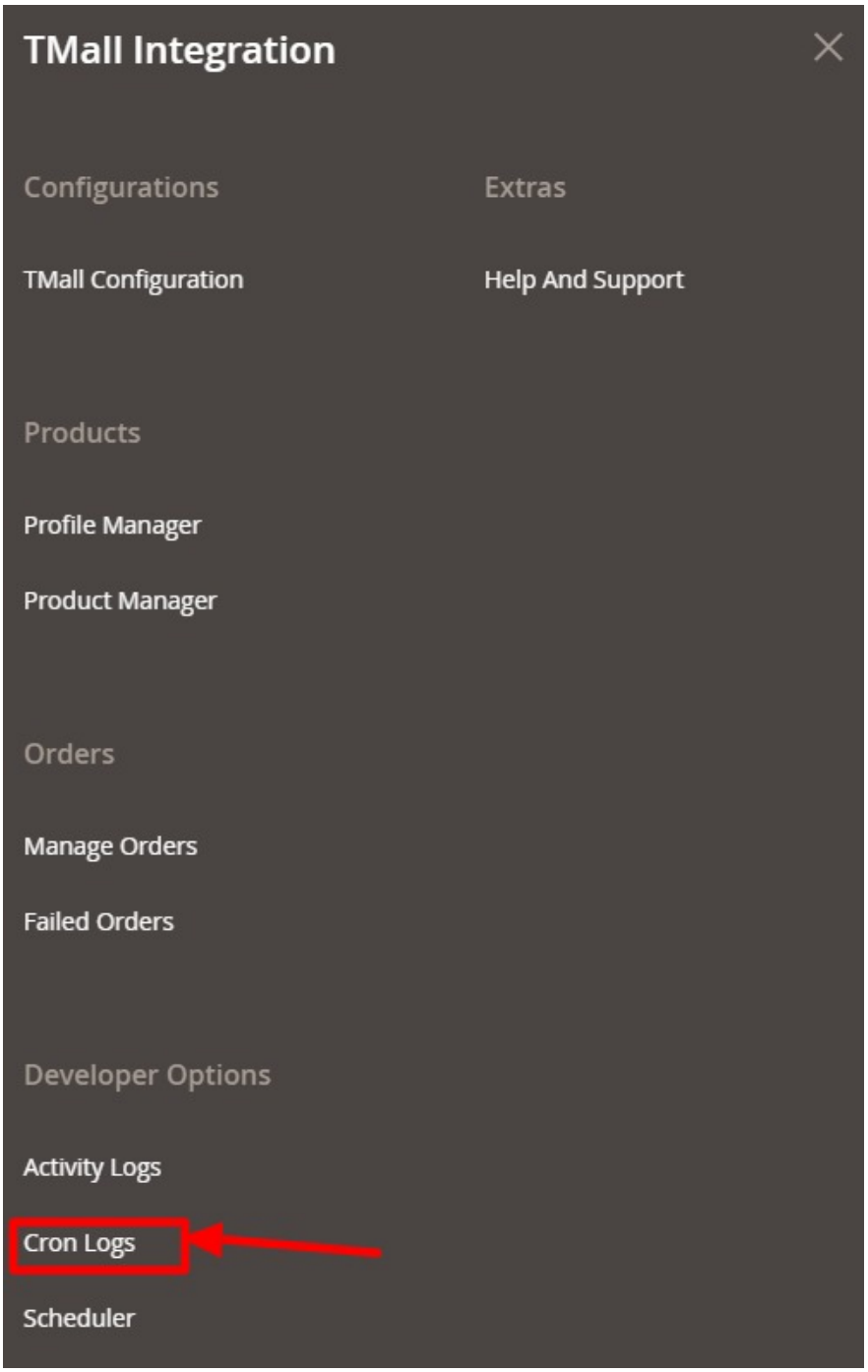


4. All the created logs will be displayed in the grid.

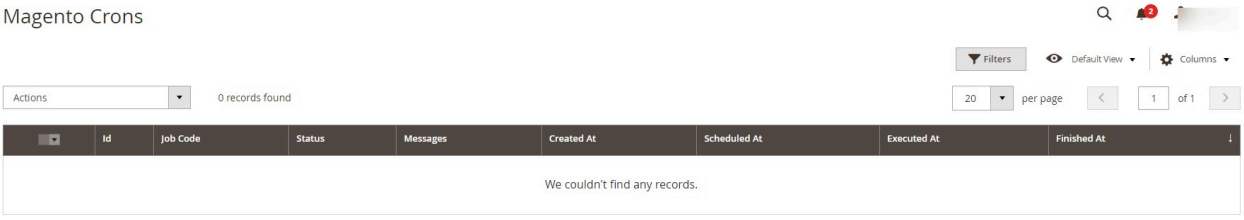
9. Cron Logs

To view cron logs,

1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:



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

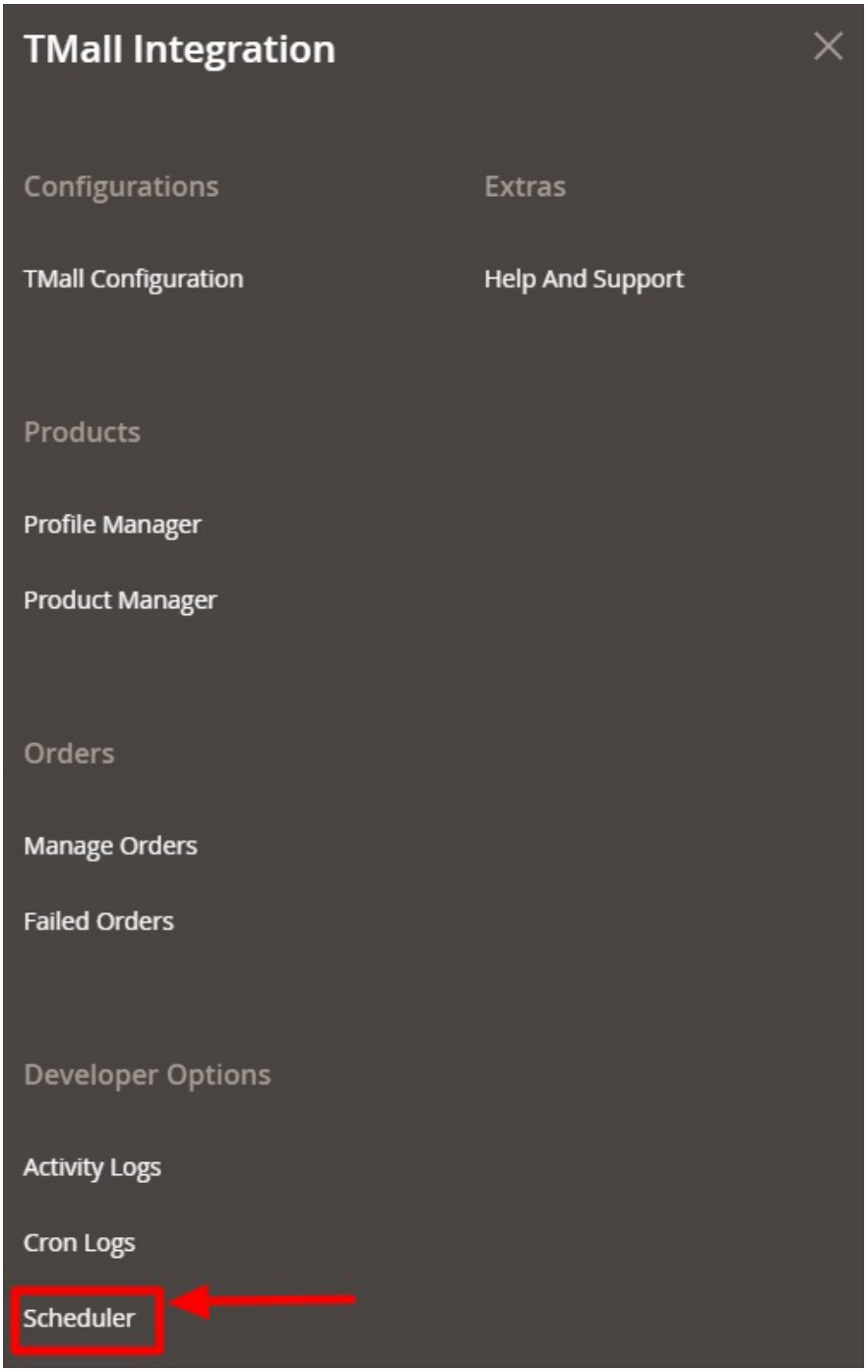


4. All the running crons along with details will be displayed.

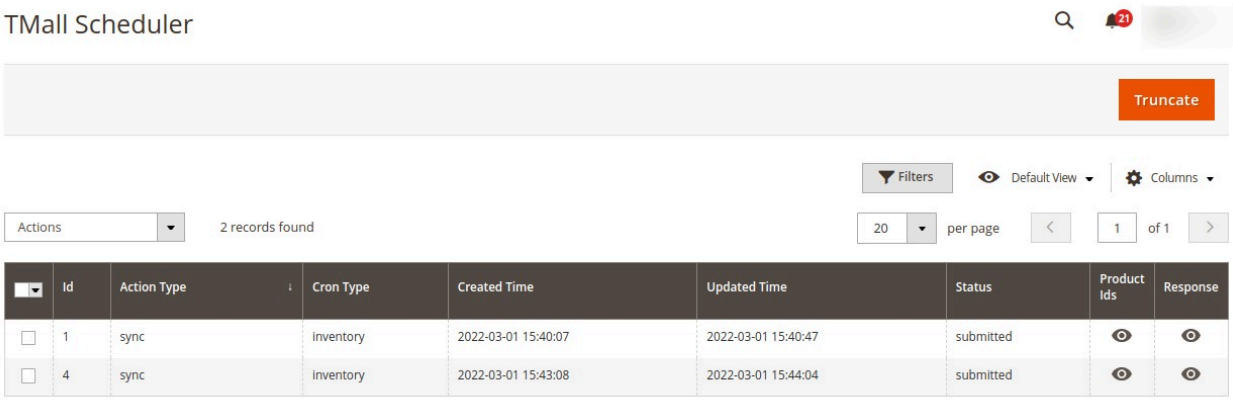
10. Scheduler

To view the scheduler,

1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:



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

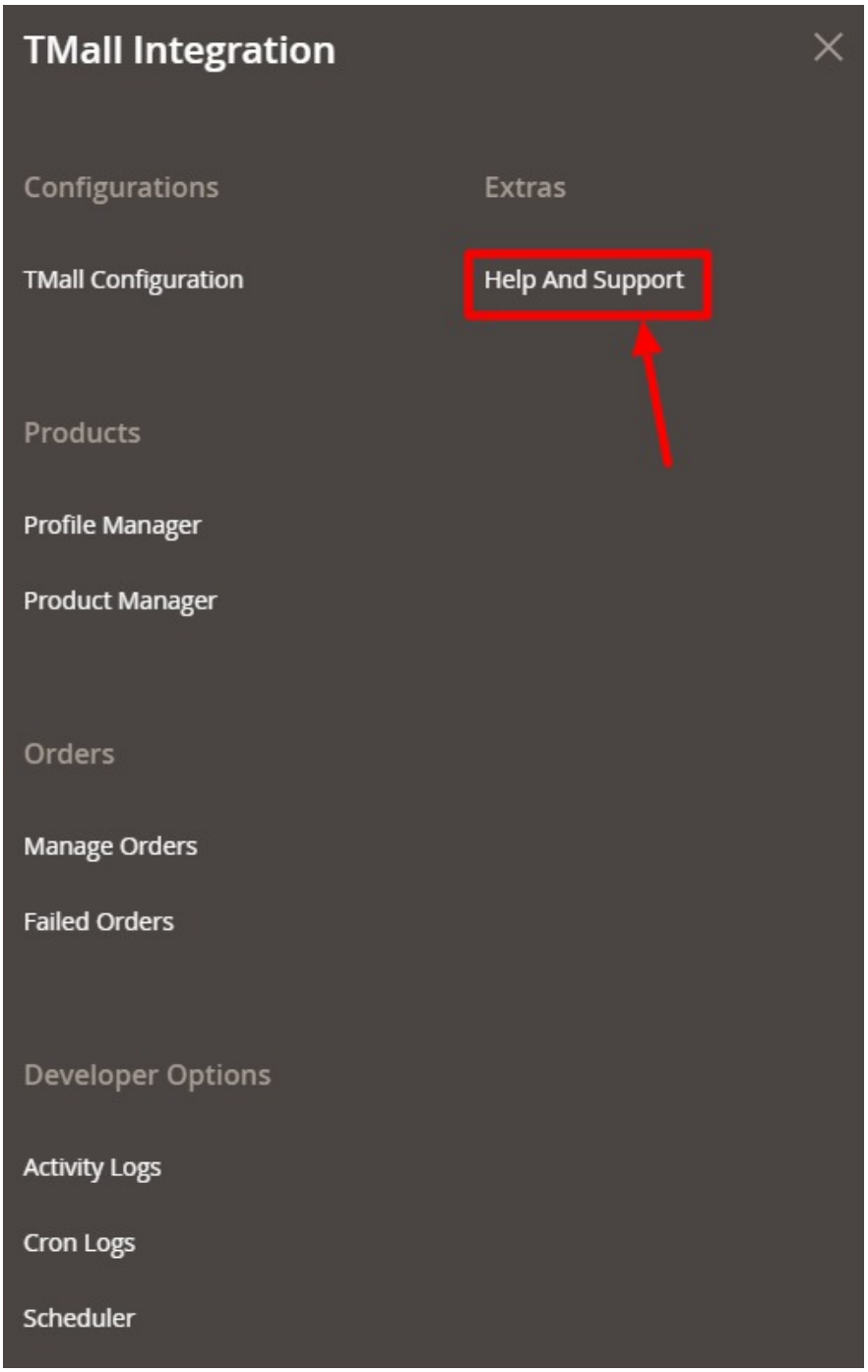


4. You can view the scheduler details on the grid shown above.

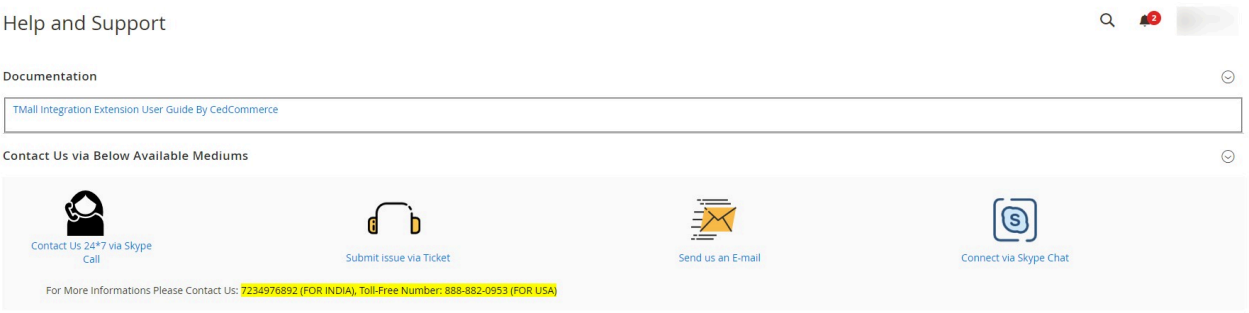
11. Help and Support

To view help and support,

1. Go to the **Magento 2 Admin** panel.
2. On the left navigation bar, click on the **Tmall Integration**.
   The menu appears as shown below:



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



4. To view the Tmall documentation click on the **Tmall Integration Extension User Guide by CedCommerce**.
5. You can also connect with us via **Skype**, **Ticket** or **email** for all your queries.