

**amasty**

For more details see how the [Export Products for Magento 2](#) extension works.

# Guide for Export Products for Magento 2

Migrate product data to third-party systems or other Magento instances without coding. Build multiple flexible export profiles and set automatic migration with Export Products for Magento 2.

- Transfer all types of products
- Include any product attributes to export files
- Run export profiles by cron or event
- Perform regular or one-time exports with additional export interfaces
- Adjust export flow based on your server capacity

## Solution Structure

Amasty Export by now includes 3 separate modules to perform export tasks:

- **Export Products:** a separate export to deal with product entities
- **Amasty Export:** suitable for one-time export of any available entity
- **Amasty Export PRO:** a tab to create cron jobs concerning export activity

The more Amasty modules you have, the more entities you will be able to export in the first simplified module and in the PRO version. Follow **Import & Export solution updates** to discover new possibilities.

Note, that if your export managers have specific permissions to the admin panel, you need to grant them access to both **Export Products Profiles** and **Amasty Export**. Otherwise, they won't be able to execute the export.

## Export Products Configuration

Prior to creating export profiles, please configure the basic product export options.

Go to **Stores** → **Configuration** → **Amasty Extensions** → **Export Products**.

## General Settings

<b>Enable module</b> <small>[global]</small>	<input type="text" value="Yes"/>	▼	
<b>Export Batch Size</b> <small>[global]</small>	<input type="text" value="500"/>		
	The number of orders that will be processed in an iteration.		
<b>Log Auto-Cleaning</b> <small>[global]</small>	<input type="text" value="Yes"/>	▼	?
<b>Log Auto-Cleaning Period (Days)</b> <small>[global]</small>	<input type="text" value="90"/>		?
<b>Export Files Auto-Cleaning</b> <small>[global]</small>	<input type="text" value="Yes"/>	▼	?
<b>Export Files Auto-Cleaning Period (Days)</b> <small>[global]</small>	<input type="text" value="5"/>		?

**Enable module** - choose *Yes* to activate the extension.

**Export Batch Size** - set the number of products that will be processed in an iteration.



**Log Auto-Cleaning** - set *Yes* to clean logs automatically. The records will be removed from Export History after the period specified below.

**Log Auto-Cleaning Period (Days)** - define the period after which export history will be cleaned.

**Export Files Auto-Cleaning** - if enabled, the generated export files will be automatically removed from the server after the period specified below.

**Export Files Auto-Cleaning Period (Days)** - identify the period after which the files will be removed from the server.

## Multi-Process Export

<b>Enable Multi-Process Export</b> <small>[global]</small>	<input type="text" value="Yes"/>	
<b>Number of Parallel Processes</b> <small>[global]</small>	<input type="text" value="4"/>	

**Enable Multi-Process Export** - set to **Yes** to speed up the export. Remember, that this option is added specifically for products. The multi-process for Amasty Export and Amasty Export Pro should be enabled [in the other tab](#).


The 'Multi-Process Export' feature requires the **PHP extension 'pcntl'** to be installed on the server. If you enable the feature and no performance boost happens, please ask your hoster/system administrator to check if the 'pcntl' extension is installed.

**Number of Parallel Processes** - specify the number of processes according to your server capabilities. The more parallel processes are set, the faster the export process goes, but the higher the server loads.


## Export Product Profiles

The extension allows you to create flexible profiles for the products export and execute it on regular basis. To view all the profiles, please go to **System → Export Products → Profiles**.

# Export Profiles

 demouser ▾

[Add New Profile](#)

 Filters

 Default View ▾

 Columns ▾

Actions ▾

5 records found

20 ▾

per page

<

1

of 1

>

Profile ID	Profile Name	File Format	Execution Type	Last Run	Last Update	Run Profile	Action
4	ERP Connector	ODS	Cron	Sep 24, 2020 11:34:18 AM	Sep 25, 2020 3:15:14 PM	<a href="#">Run Profile</a>	<a href="#">Edit</a>
5	Daily Sales Report	XLSX	Event	Sep 24, 2020 12:09:57 PM	Sep 24, 2020 12:10:37 PM	<a href="#">Run Profile</a>	<a href="#">Edit</a>
6	Low Stock Products	CSV	Cron	Sep 28, 2020 8:08:18 AM	Sep 28, 2020 8:08:18 AM	<a href="#">Run Profile</a>	<a href="#">Edit</a>
7	Marketplace Products	XLSX	Event	Sep 24, 2020 12:47:34 PM	Sep 25, 2020 2:36:15 PM	<a href="#">Run Profile</a>	<a href="#">Edit</a>
8	Summer Collection Sales	CSV	Cron	Sep 25, 2020 2:35:16 PM	Sep 25, 2020 2:35:16 PM	<a href="#">Run Profile</a>	<a href="#">Edit</a>

You can view, delete, add new profiles or run any of them manually right from the grid.

To create a new profile, hit the **Add New Profile** button and follow a profile set up steps.

## General Configuration

In the first tab, you can adjust the general information of the profile.

# Edit Profile

 demouser ▾

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

**PROFILE SET UP STEPS**

- General Configuration
- Output Options
- File Settings
- Fields Configuration
- Export Filters
- Automatic Export
- Alert Notifications
- Export History

Profile Name \*

Export Only New Entities  No ?

Batch Size

Use Default Value

**Profile Name** - specify the profile name for internal usage. This name will be displayed in the grid.

**Export Only New Entities** - enable this setting to skip the previously exported products. The option is useful in case you export the profile regularly and only recently created products are needed.

**Batch Size** - set the number of products that will be processed in one iteration. You may configure batch size for each profile separately or specify the value in general configuration settings and use this default value.

## Output Options

Proceed to the configuration of output options.

## Output Options

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File Name

sales-report - {{date|Y\_m\_d\_h\_i\_s}}

Use {{date|format}} to customize filename. Example: Filename-{{date|Y\_m\_d\_h\_i\_s}}. [Here](#) you may find more options for date format.

Compress Export File  
With Gzip



**File Name** - add the title for the export file.

Use {date|format} to customize filename. Example: Filename-{date|Y\_m\_d\_h\_i\_s}. [Here](#) you may explore more options for date format.

**Compress Export File With Gzip** - enable the toggle to compress the file and save extra space on a server.

### Export File Storage

Choose where to export the profile: on the internal or external server, send the exported file by email or API.

## Export File Storage

---

Store Exported File On Server  No

Store Exported File on Google Drive  No

Store Exported File on Dropbox  No

Upload Exported File By FTP  No

Upload Exported File By SFTP  No

Send Exported File to E-mail  No

Send to Rest Api Endpoint  No

If **Store Exported File On Server** is enabled, provide *File Path* and *File Name on Server*. The file will be saved in Magento 'var' directory relative to the specified path.

If you want to **Upload Exported File By FTP / SFTP**, you will need to fill the following fields:

- Host
- User
- Password
- File Path
- File Name for FTP/SFTP.

For **FTP** you can also enable a *Passive Mode*.

In case you want to **Send Exported File to E-mail**, provide:

- Email Sender
- E-mail Recipients
- E-mail Message Subject
- Email Template.

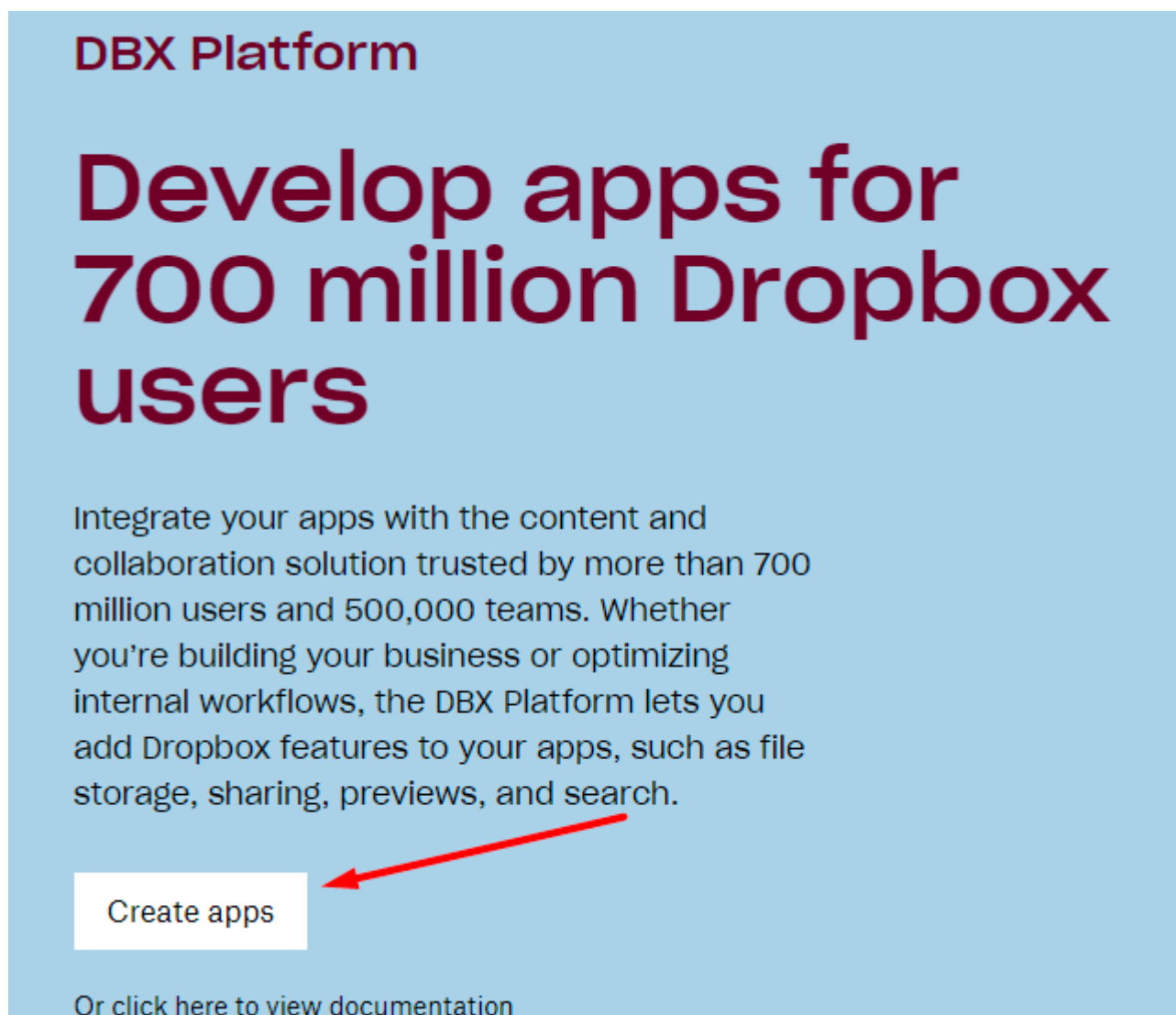
If you are using **Send to Rest Api Endpoint**, provide:

- Rest Api Endpoint
- Auth (No Auth / Bearer / Basic)
- Method (POST / PUT)
- Content Type (JSON / XML).

### Dropbox Configuration

To export to Dropbox, you will need to provide the access token. Follow the steps below to get the token.

1. Go to <https://www.dropbox.com/developers> and sign in.
2. Hit the **Create Apps** button.




3. Choose an API, a type of access you need and specify the title for your folder.

## Create a new app on the DBX Platform

### 1. Choose an API

**Scoped access** New  
Select the level of access your app needs to Dropbox data. [Learn more](#)



### 2. Choose the type of access you need

[Learn more about access types](#)

**App folder** – Access to a single folder created specifically for your app.

**Full Dropbox** – Access to all files and folders in a user's Dropbox.

### 3. Name your app

I agree to [Dropbox API Terms and Conditions](#)

**Create app**

Agree with the terms & conditions and click **Create App**. You will be automatically redirected to the folder configuration.

4. Proceed to the **Permissions** tab.

# Import Products

- Settings
- Permissions
- Branding
- Analytics



Individual Scopes Individual scopes include the ability to view and manage a user's files and folders. [View Documentation](#)

### Account Info

Permissions that allow your app to view and manage Dropbox account info

- account\_info.write View and edit basic information about your Dropbox account such as your profile photo
- account\_info.read View basic information about your Dropbox account such as your username, email, and country

### Files and folders

Permissions that allow your app to view and manage files and folders

- files.metadata.write View and edit information about your Dropbox files and folders
- files.metadata.read View information about your Dropbox files and folders
- files.content.write Edit content of your Dropbox files and folders
- files.content.read View content of your Dropbox files and folders

Grant the permissions to write the files and click **Submit**.

### Account Info

Permissions that allow your app to view and manage Dropbox account info

- account\_info.write View and edit basic information about your Dropbox account such as your profile photo
- account\_info.read View basic information about your Dropbox account such as your username, email, and country

### Files and folders

Permissions that allow your app to view and manage files and folders


- files.metadata.write View and edit information about your Dropbox files and folders
- files.metadata.read View information about your Dropbox files and folders
- files.content.write Edit content of your Dropbox files and folders
- files.content.read View content of your Dropbox files and folders

### Collaboration

Permissions that allow your app to view and manage sharing and collaboration settings

- sharing.write View and manage your Dropbox sharing settings and collaborators


When you are done making changes. (Existing access tokens will not be affected)



5. Return to the **Settings** tab.

# Import Products

Settings Permissions Branding Analytics



### Creating a Dropbox app

- 1 Configure app settings**  
Name your app and choose initial settings.
- 2 Select access scopes**  
Choose the access scopes, or specific permissions, that your app needs to interact with Dropbox. We recommend starting small and adding more permissions later if you need them. [Get started](#)
- 3 Add branding**  
Give your users important information about your Dropbox app. Should comply with the Dropbox developer branding guide. [Get started](#)

6. Find the OAuth 2 section and hit the **Generate** button below the *Generated access token* field.

OAuth 2

### Redirect URIs

https:// (http allowed for localhost) Add

### Allow public clients (Implicit Grant & PKCE) ⓘ

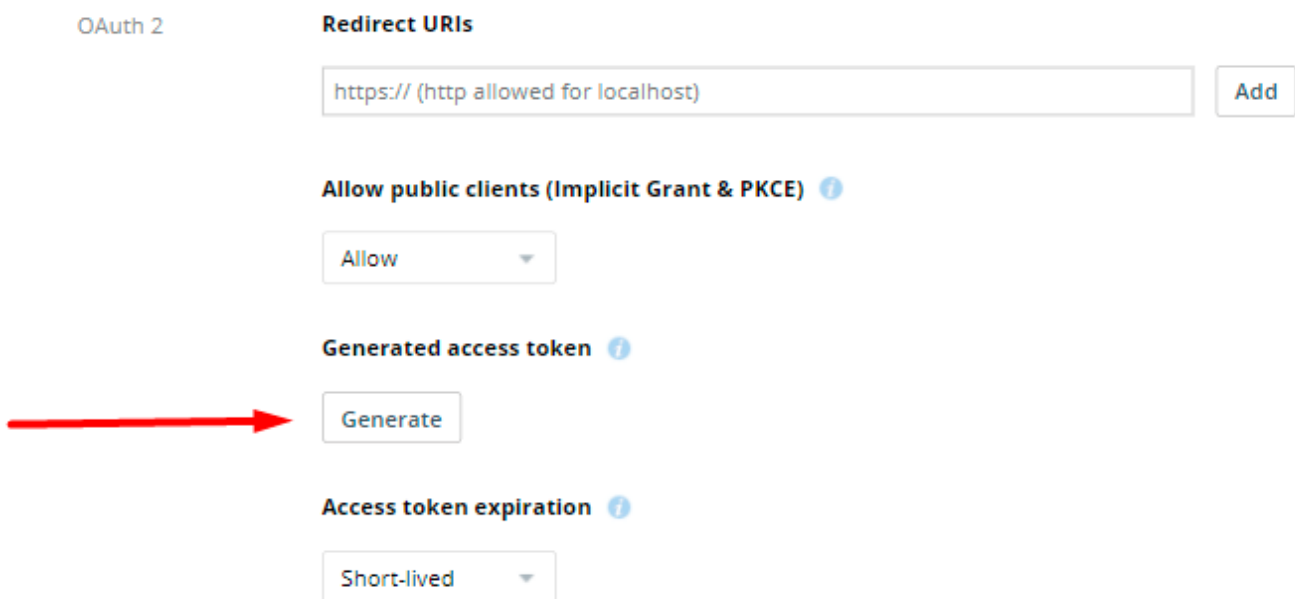
Allow

### Generated access token ⓘ

**Generate**

### Access token expiration ⓘ

Short-lived



7. Copy the token and paste it into the **Generated Access Token** field.

## Export File Storage

---

Store Exported File On Server  No

Store Exported File on Dropbox  Yes



Generated Access Token \*

Please follow the [instructions](#) from the user guide to generate access token.

File Path

File will be added into the folder specified above. However, in case the specified folder does not exist a new folder will be created automatically.

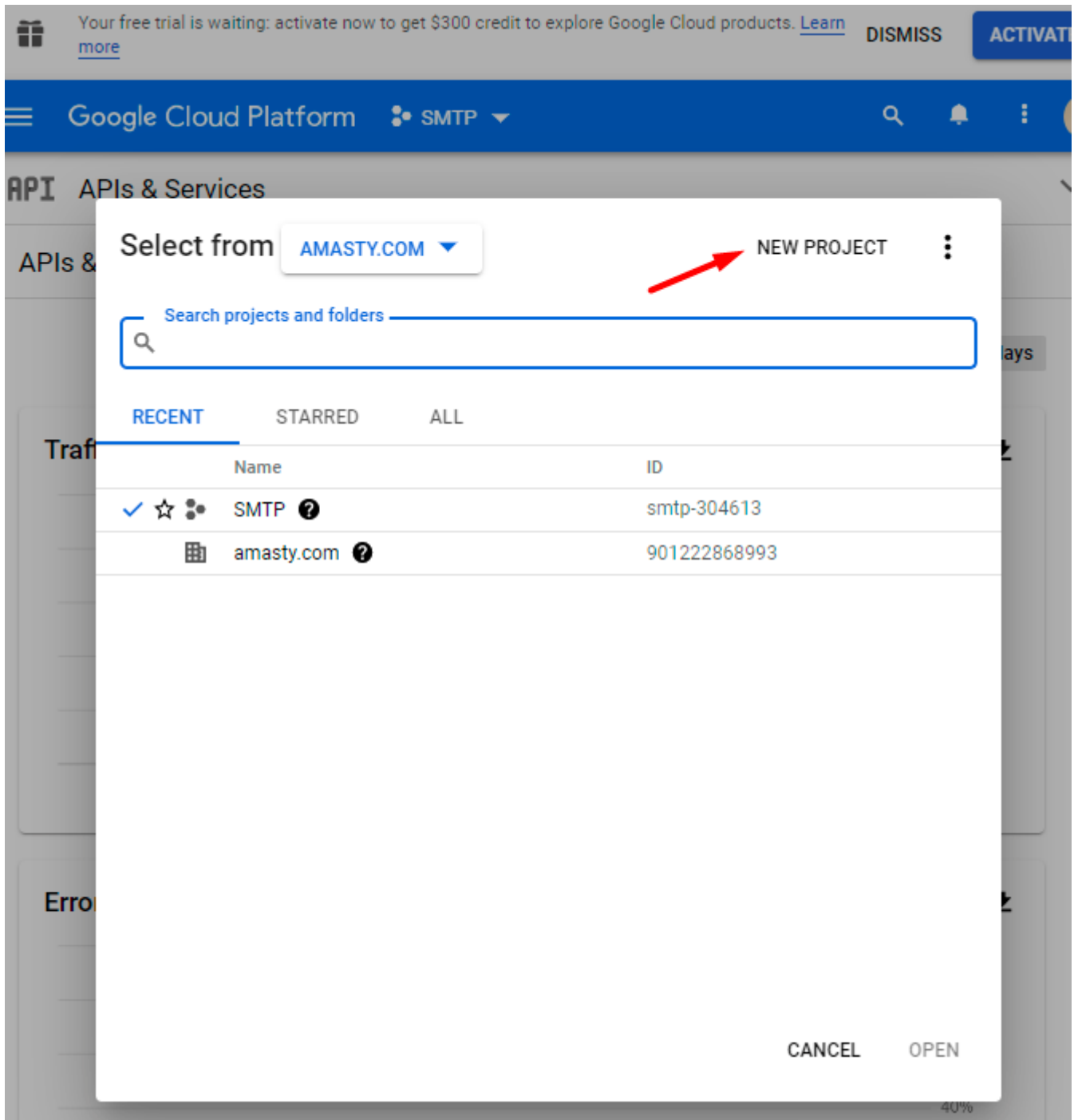
File Name for Dropbox

Use `{{date|format}}` to customize filename. Example: `Filename-{{date|Y_m_d_h_i_s}}`. [Here](#) you may find more options for date format.

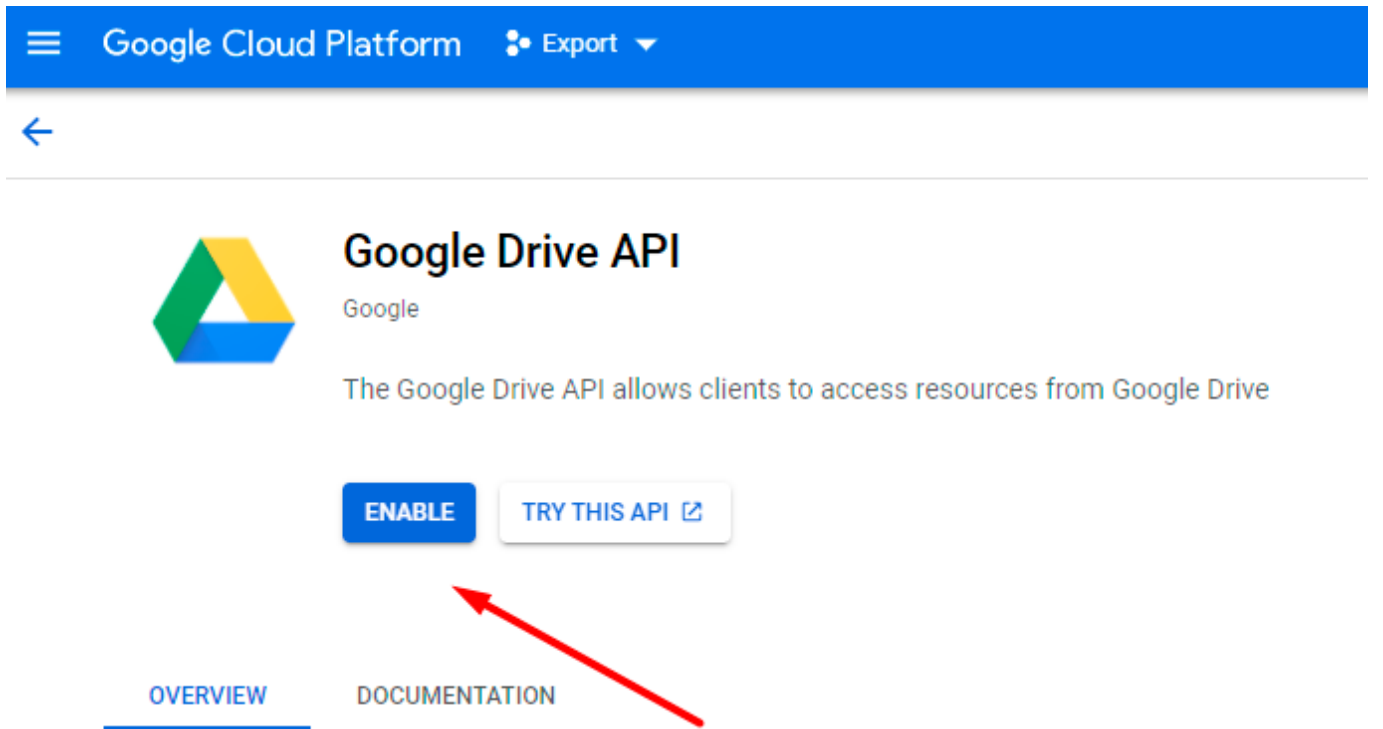
### Google Drive Configuration

To set the integration with Google Drive, you need a specific API key. To get the key and configure this output option correctly, follow the steps below.

1. First of all, you need to install **Google APIs Client Library** on your Magento instance. Click [here](#) and install `composer require google/apiclient:^2.0`.
2. Go [here](#) and choose a project or create a new one if necessary.

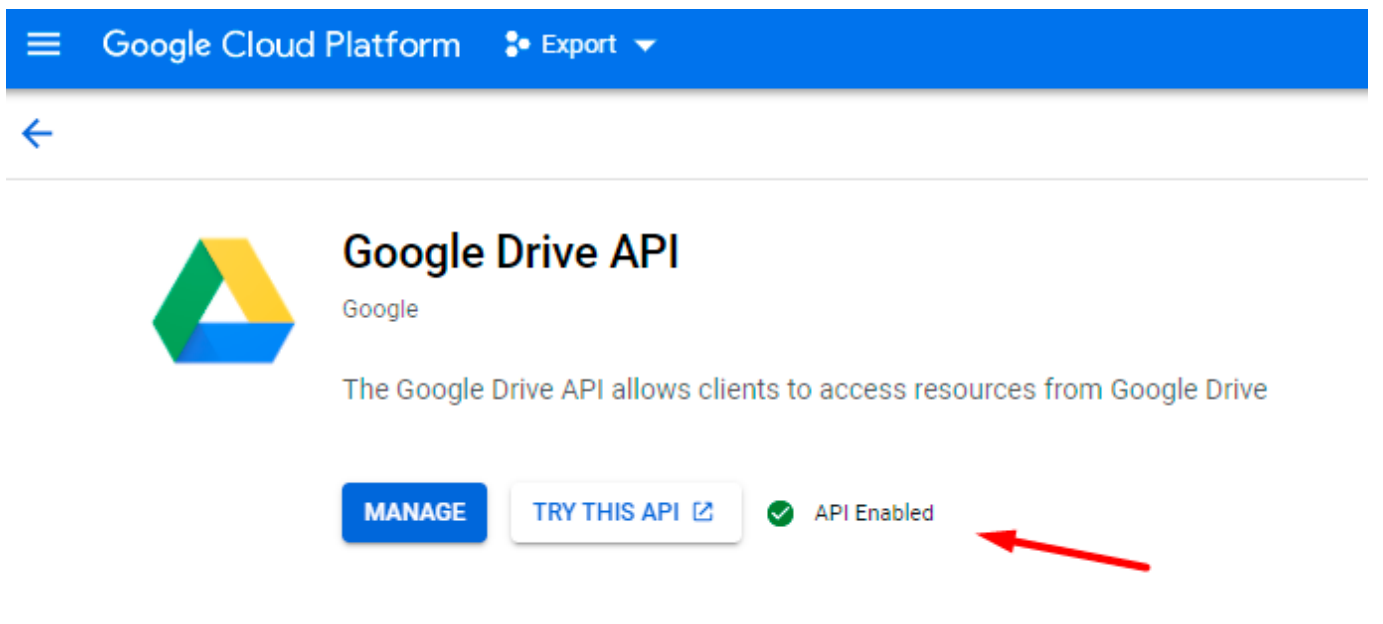


3. When the required project is chosen, return to [this page](#) and enable Google Drive API.



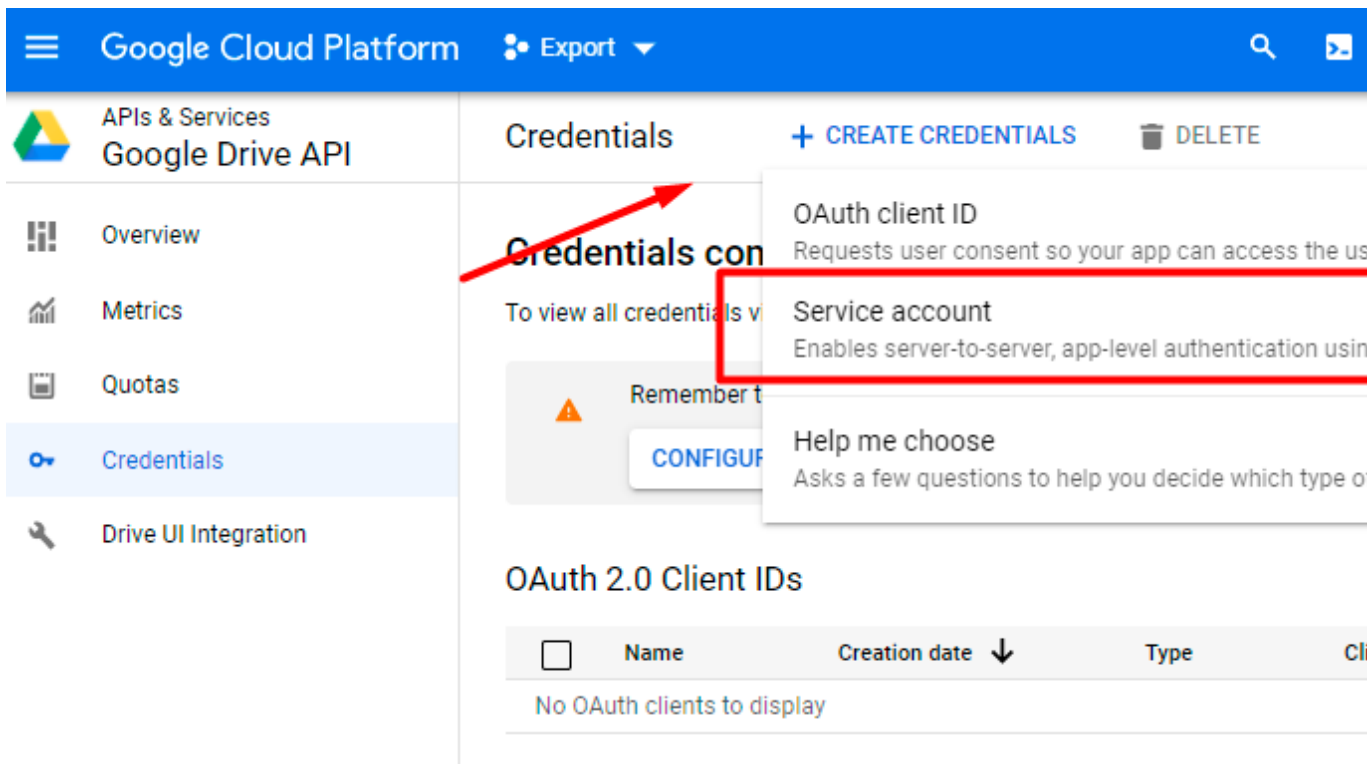
The screenshot shows the Google Cloud Platform interface for the Google Drive API. At the top, there is a blue navigation bar with the Google Cloud Platform logo and an 'Export' dropdown menu. Below the navigation bar is a back arrow. The main content area features the Google Drive logo, the title 'Google Drive API', and the text 'Google'. A description states: 'The Google Drive API allows clients to access resources from Google Drive'. Below this, there are two buttons: a blue 'ENABLE' button and a white 'TRY THIS API' button with an external link icon. A red arrow points to the 'ENABLE' button. At the bottom, there are two tabs: 'OVERVIEW' (selected) and 'DOCUMENTATION'.

4. If everything is correct, you will see the following status:



The screenshot shows the Google Cloud Platform interface for the Google Drive API after it has been enabled. The layout is similar to the previous screenshot, but the 'ENABLE' button has been replaced by a blue 'MANAGE' button. The 'TRY THIS API' button remains. To the right of the buttons, there is a green checkmark icon followed by the text 'API Enabled'. A red arrow points to the 'API Enabled' status. The 'OVERVIEW' and 'DOCUMENTATION' tabs are still present at the bottom.

5. Click **Manage** and proceed to **APIs & Services** → **Credentials**. There click **Create Credentials** → **Service account**.



6. Provide **Service account details**. You can skip Step 2 and Step 3.

The screenshot shows the Google Cloud Platform IAM & Admin console. The left sidebar lists navigation options: IAM, Identity & Organization, Policy Troubleshooter, Policy Analyzer, Organization Policies, Service Accounts (highlighted), Workload Identity Federation, Labels, Tags, Settings, Privacy & Security, Identity-Aware Proxy, Roles, and Audit Logs. The main content area is titled 'Create service account' and shows a three-step wizard. Step 1, 'Service account details', is active and contains three input fields: 'Service account name' (filled with 'export-example'), 'Service account ID' (filled with 'export-example' and '@export-318409.iam.gserviceaccount.com'), and 'Service account description' (filled with 'export files from Magento'). A 'CREATE AND CONTINUE' button is located below the description field. Step 2 is 'Grant this service account access to project (optional)' and Step 3 is 'Grant users access to this service account (optional)'. At the bottom of the wizard are 'DONE' and 'CANCEL' buttons.

Click **Done**.

7. Navigate to the **Service accounts** tab and find the required service. Expand the *Actions* dropdown and hit the **Manage keys** option.

## Service accounts

[+ CREATE SERVICE ACCOUNT](#)

[DELETED](#)




[MANAGE ACCESS](#)

### Service accounts for project "Export"


A service account represents a Google Cloud service identity, such as code running on Compute Engine VMs, App Engine apps, or system running outside Google. [Learn more about service accounts.](#)

Organization policies can be used to secure service accounts and block risky service account features, such as automatic IAM Grants, key creation/upload, or the creation of service accounts entirely. [Learn more about service account organization policies.](#)

**Filter** Enter property name or value ? ☰

<input type="checkbox"/>	Email	Status	Name ↑	Description	Key ID	Actions
<input type="checkbox"/>	 export-example@export-318409.iam.gserviceaccount.com		export-example	export files from Ma	No	

- Manage details
- Manage permissions
- Manage keys**
- View metrics
- View logs
- Disable
- Delete



8. Expand the **Add Key** dropdown and select **Create new key**.

Export

Search products and resources

← export-example

DETAILS PERMISSIONS **KEYS** METRICS LOGS

### Keys

⚠ Service account keys could pose a security risk if compromised. We recommend you avoid downloading service...

Add a new key pair or upload a public key certificate from an existing key pair.

Block service account key creation using [organization policies](#).  
[Learn more about setting organization policies for service accounts](#)

ADD KEY ▾

- Create new key
- Upload existing key

Key creation date	Key expiration date
-------------------	---------------------

9. Choose **JSON** file format and hit the **Create** button.

### Create private key for "export-example"

Downloads a file that contains the private key. Store the file securely because this key can't be recovered if lost.

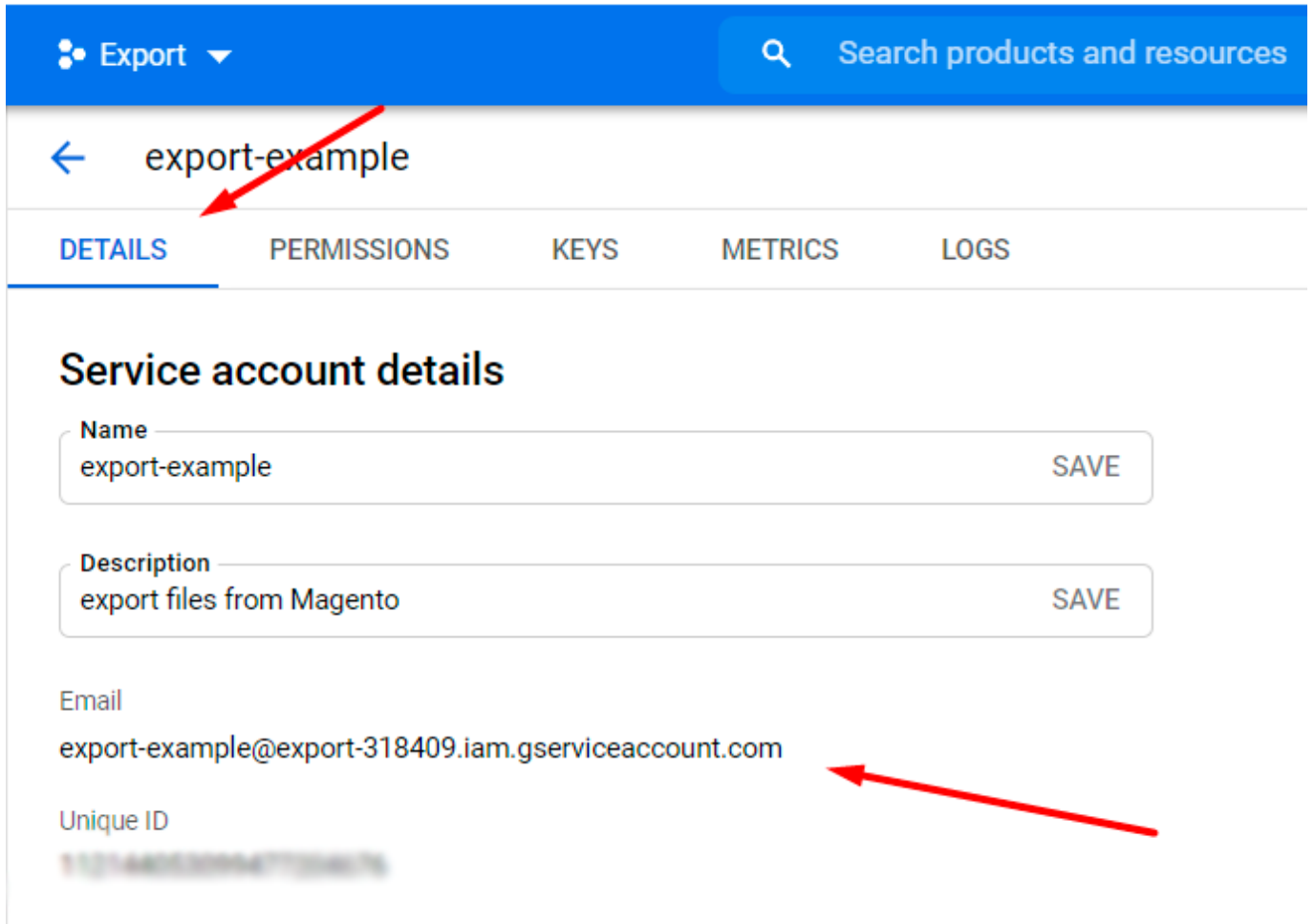
Key type

- JSON  
Recommended
- P12  
For backward compatibility with code using the P12 format

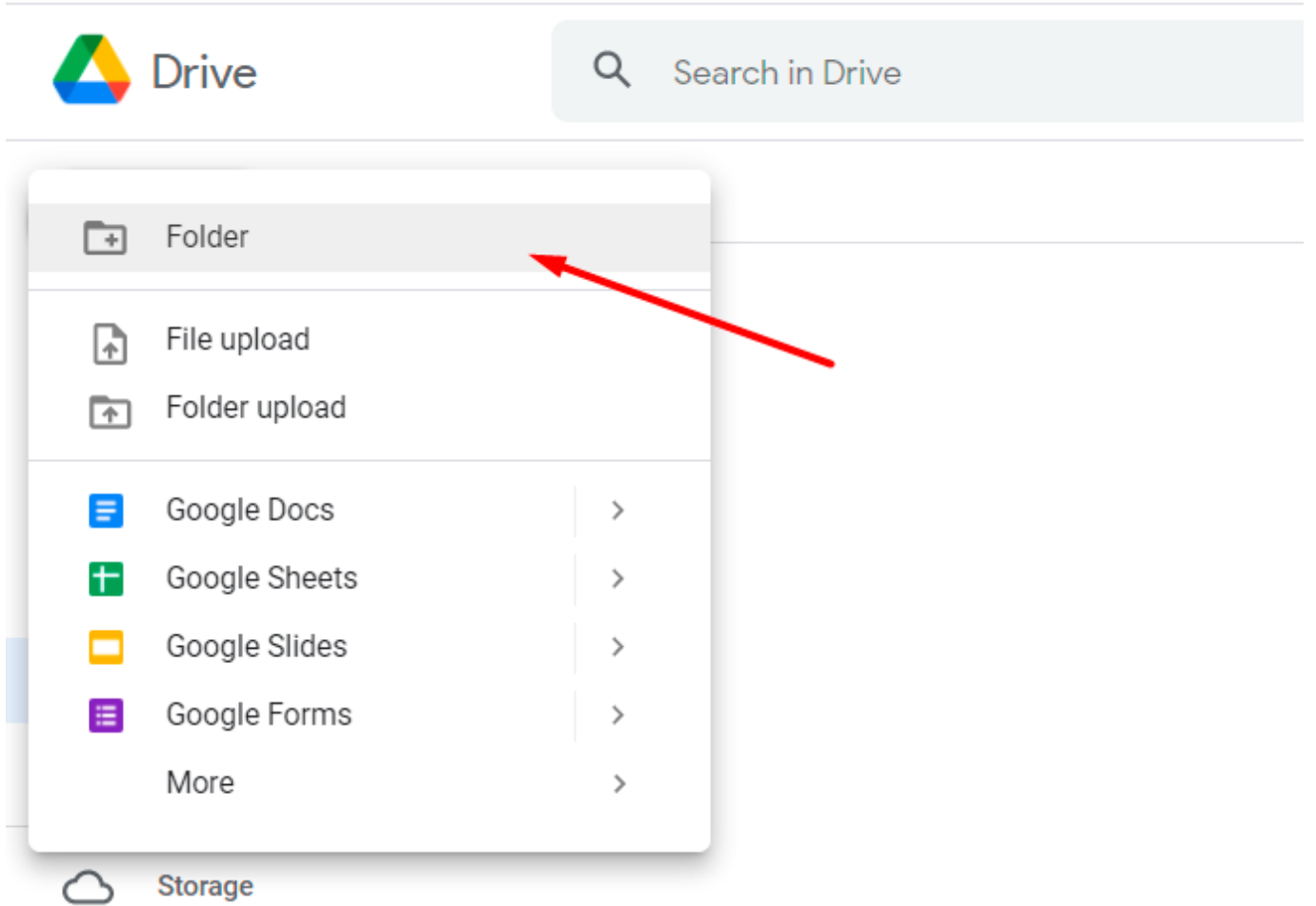
CANCEL CREATE

The file will be automatically generated and downloaded.

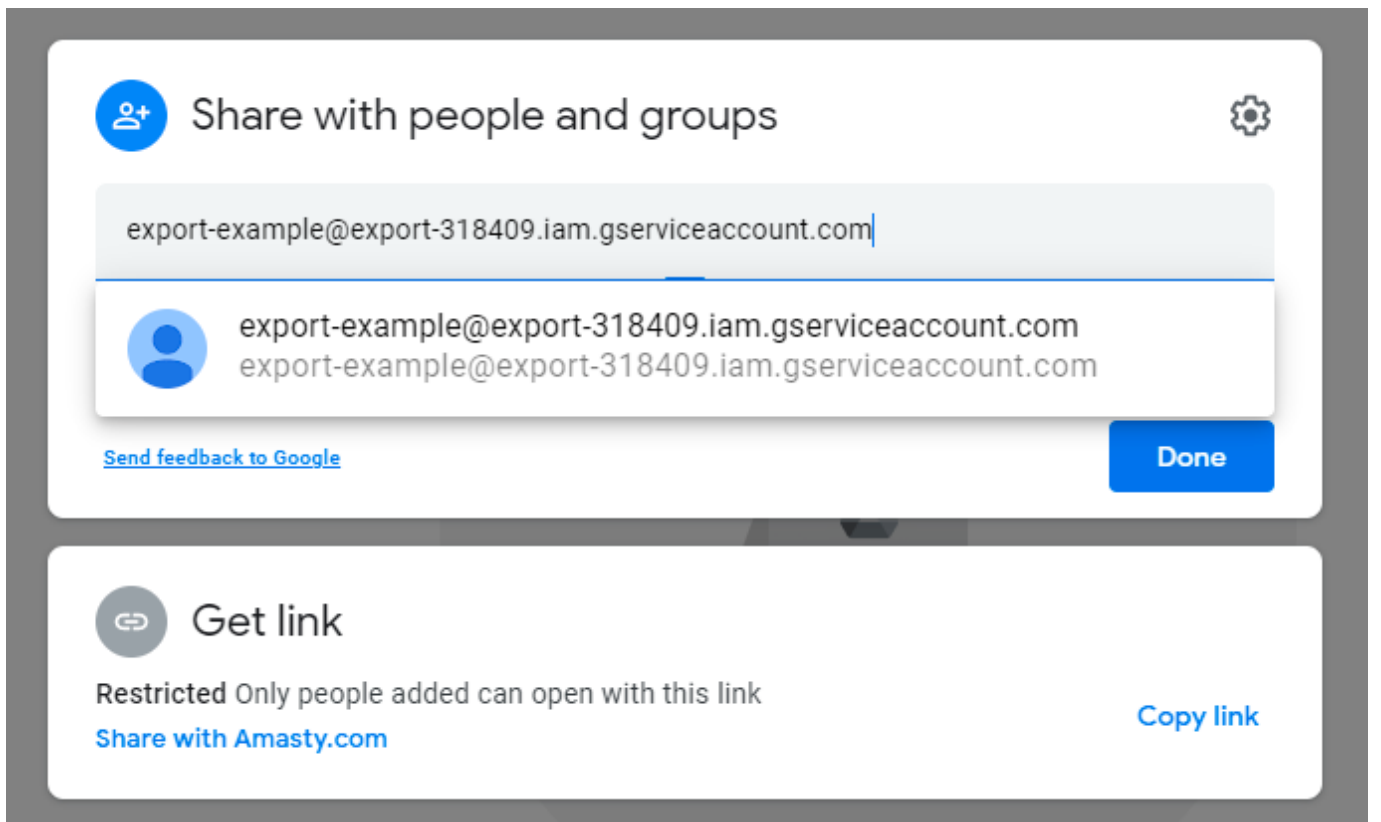
10. Proceed to the **Details** tab and copy the email.



11. Go to [My Drive](#). Create a folder to which export files will be output from Magento. Specify the title.




12. Now click **Share** and insert the email that you've copied. Click **Done**.



13. Return to the admin panel. Upload a JSON file, provide the path to the created folder and specify an export file naming with or without data format.

**Store Exported File on Google Drive**  Yes

**Upload Service Account Key File \***



WAJ0JqkWIqCAB7mjy...

Please follow the [instructions](#) from the user guide to create a service account key.

**File Path \***

File will be added into the folder specified above.

**File Name for Google Drive**

Use {{date|format}} to customize filename. Example: Filename-{{date|Y\_m\_d\_h\_i\_s}}. [Here](#) you may find more options for date format.

The configuration is ready. Run export profile and check the file in the Drive folder.

## File Settings


Now you need to choose the required file type and configure its settings.

## File Settings

---

**File Type** \*

**Add Header Row**  Yes

**Merge Rows into One**  Yes 

Data from multiple rows will be merged into one cell, if enabled.

**Merged Rows Data Delimiter** \*   
The character that delimits each field of the child rows.

**Field Delimiter**   
The character that delimits each field of the rows.

**Field Enclosure Character**   
The character that encloses each field of the rows.

The following formats are available:

- CSV
- XML
- ODS
- XLSX
- JSON
- Template

For **CSV**, **ODS** and **XLSX** formats you can:

**Add Header Row** - column titles will be displayed in this row.

**Merge Rows into One** - if this setting is enabled, the information from multiple rows will be merged into one cell. The character that delimits each field of the child rows is customizable. Check the GIF in a demo to see how it works.

For a **CSV** file you can additionally set:

- Field Delimiter
- Field Enclosure Character

For an **XML** file you can customize:

- XML Item Tag
- Header
- Footer

For **JSON** specify:

- Header
- Footer

For **Template**:

Using the **Template** option, you can build a unique file suitable for specific needs. Thanks to the integrated [Twig PHP template engine](#), you can create any template you want to:

File Type

Template

Header

Content 

```
1 {# Comment: You should add order `increment_id`, `grand_total`  
2 Enable Order Item subentity and add `is_virtual` field. #}  
3 {  
4     "caption": "Order #{{ item.increment_id }} costs {{ item.grand_total }}",  
5     "items_count": {{ item.sales_order_item|length }},  
6     {% set virtual_count = 0 %}  
7     {% for order_item in item.sales_order_item %}  
8         {% if order_item.is_virtual %}  
9             {% set virtual_count = virtual_count + 1 %}  
10        {% endif %}  
11    {% endfor %}  
12    "virtual_items_count": {{ virtual_count }}  
13 }
```

Item Delimiter

Footer

Extension

{{ item }} is root entity variable

See [Twig documentation](#) to learn more about the features and configuration.

### Fields Configuration

In the following step, you can start building your product export file by choosing the data to export. The functionality has a tree structure. Thus, you can add any entity, any field within a particular entity, customize prefixes/tags/delimiters, and so on to match the requirements of the system you are exporting to.

See how the tree-structured file is built:

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

### Fields Configuration

Here we have a tree structure with root entity and its subentities. Each subentity has its own fields to be added into the export file.

#### Product (root entity)

Use Custom Entity Key  No ?

Entity Key Delimiter  ?

Add Fields

- Product Attribute ⌵

---

- Product Attribute Set ⌵

---

- Product Website ⌵

---

- Product Custom Option ⌵

---

### Step 1. Add root entities

First, you need to configure the basic product entity and select the fields that will be added to the file on the root level.

## Fields Configuration

Here we have a tree structure with root entity and its subentities. Each subentity has its own fields to be added into the export file.

### Product (root entity) ?



Use Custom Entity Key  Yes ?

Custom Entity Key  ?

Entity Key Delimiter  ?

Add Fields

Delete Table

Click **Add Fields** button and choose the relevant data to add to the export file.

**Add Product Fields** ✕

**Add Selected Fields**


<input type="checkbox"/>	<input type="text" value="Search"/>	<b>Search</b>
<input type="checkbox"/>	entity_id	Add
<input type="checkbox"/>	attribute_set_id	Add
<input type="checkbox"/>	type_id	Add
<input checked="" type="checkbox"/>	sku	Add
<input checked="" type="checkbox"/>	has_options	Add
<input type="checkbox"/>	required_options	Add
<input type="checkbox"/>	created_at	Add
<input type="checkbox"/>	updated_at	Add
<input type="checkbox"/>	row_id	Add
<input type="checkbox"/>	created_in	Add
<input type="checkbox"/>	updated_in	Add


You may also use a search window right in the popup to find the required fields faster. After selecting all needed fields, click **Add Selected Fields**.

When a field is added, you can customize a column title that will be displayed in the exported file. Moreover, use the **Add Static Filed** button to create columns that will remain unchanged in the file.

### Product (root entity)



Use Custom Entity Key  Yes 

Custom Entity Key  

Entity Key Delimiter  

Add Fields

Delete Table

Modifier	Field Name	Field Name in Export File	Action
 <input type="button" value="Add Modifier"/>	<input type="text" value="entity_id"/>	<input type="text" value="entity"/>	
<input type="button" value="Add Static Field"/>			

Customize fields sorting within each entity using the **drag-and-drop** option.

For each file level, you can set custom tags, prefixes, and delimiters. See how it works:



catalog\_product\_entity\_2020-09-08T10\_00\_43+00\_00


entity_id	sku	catalog_product_attribute.name	catalog_product_attribute.price	catalog_product_attribute_set.attribute_set_id
111	MH04-L-White	Frankie Sweatshirt-L-White	60.000000	9
112	MH04-L-Yellow	Frankie Sweatshirt-L-Yellow	60.000000	9
113	MH04-XL-Green	Frankie Sweatshirt-XL-Green	60.000000	9
114	MH04-XL-White	Frankie Sweatshirt-XL-White	60.000000	9
115	MH04-XL-Yellow	Frankie Sweatshirt-XL-Yellow	60.000000	9
116	MH04	Frankie Sweatshirt	60.000000	9
117	MH05-XS-Green	Hollister Backyard Sweatshirt-XS-Green	52.000000	9
118	MH05-XS-Red	Hollister Backyard Sweatshirt-XS-Red	52.000000	9
119	MH05-XS-White	Hollister Backyard Sweatshirt-XS-White	52.000000	9

## Step 2. Add subentities

Then you can scroll down the entity list and enable any of them you need for your export file.

### Product (root entity)



Use Custom Entity Key  Yes 

Custom Entity Key  

Entity Key Delimiter  

Modifier	Field Name	Field Name in Export File	Action
 <input type="button" value="Add Modifier"/>	<input type="text" value="entity_id"/>	<input type="text" value="entity"/>	
<input type="button" value="Add Static Field"/>			

### Product Attribute

Enabled  No

### Product Attribute Set









Enabled  No

Just click the **Enabled** toggle and **Add Fileds** button. As it was shown above, a popup will appear and you will be able to add all the needed fields concerning a particular entity. For example, for the **Product Attribute** entity, you may add product name, sku, description, status, etc.

### Product Attribute

Enabled  Yes

Custom Entity Key

	Modifier	Field Name	Field Name in Export File	Action
	<input type="button" value="Add Modifier"/>	<input type="text" value="sku"/>	<input type="text"/>	
	<input type="button" value="Add Modifier"/>	<input type="text" value="price"/>	<input type="text"/>	
	<input type="button" value="Add Modifier"/>	<input type="text" value="manufacturer"/>	<input type="text"/>	
	<input type="button" value="Add Modifier"/>	<input type="text" value="color"/>	<input type="text"/>	
<input type="button" value="Add Static Field"/>				

The same can be done for the entities with a lower level.

Also, the extension support MSI functionality. You can find the required fields on the **Inventory Source Item** level.

⌵ **Inventory Source** ✎

Enabled  Yes

Custom Entity Key

inventory\_source



Add Fields

⌵ **Inventory Source Item**

⌵ **Inventory Stock** ✎

⌵ **Inventory Source Carrier Link**

⌵ **Inventory Source Stock Link**

This way, you can build a unique profile, suitable for a particular system. Check the requirements from a system (as, for example, an ERP system or Marketplace platform needs different product data) and match the details.












### Modify Values in Export Files

Now you can use modifiers to change the values in the export file. For example, you can change the date format, add any text and apply various mathematical actions to prices (e.g. rounding, multiplication, etc.).

Modifiers are added right during the fields configuration.

Modifier	Field Name	Field Name in Export File	Action
☰ Add Modifier	name		🗑️
	Prepend	M-	🗑️
☰ Add Modifier	short_description		🗑️
	Strip Html Tags		🗑️
☰ Add Modifier	price		🗑️
	Round To	1	🗑️
☰ Add Modifier	manufacturer		🗑️
	Capitalize Each Word		🗑️
☰ Add Modifier	color		🗑️
	Option Value To Option Label		🗑️
Add Static Field			

Hit the **Add Modifier** button and choose the required action in a dropdown.

Modifier	Field Name	Field Name in Export File	Action
 <input type="button" value="Add Modifier"/>	<input type="text" value="name"/>	<input type="text"/>	
 <input type="button" value="Add Modifier"/>	<input type="text" value=""/>	<input type="text" value="M-"/>	
 <input type="button" value="Add Modifier"/>	<input type="text" value=""/>	<input type="text"/>	
 <input type="button" value="Add Modifier"/>	<input type="text" value=""/>	<input type="text" value="1"/>	
 <input type="button" value="Add Modifier"/>	<input type="text" value="color"/>	<input type="text"/>	
	<input type="text" value="Option Value To Option Label"/>		
<input type="button" value="Add Static Field"/>			

Types of modifiers you can use:

- **Text Modifiers:** Adjust the text of the text values by appending, prepending, capitalizing, etc.
- **Numeric Modifiers:** Use for number modifications, e.g. rounding prices.
- **Date Modifiers:** Specify a suitable date format.
- **Custom Modifiers:** Replace the output of one field with the value of another.

### Text Modifiers

**Append** - Adds the text after the value in the column. The text is specified in an additional field that

appears when this modifier is selected.

**Prepend** - Adds text before the value in the column. The text is specified in an additional field that appears when this modifier is selected.

**Capitalize** - After selecting this modifier, the value in the column is capitalized.

**Lower Case** - After selecting this modifier, the whole word is written in lowercase.

**Upper Case** - After selecting this modifier, the entire word in a value field is capitalized.

**Capitalize Each Word** - After selecting this modifier, each word starts with a capital letter.

**Strip Html Tags** - Modifier removes all HTML tags from the string (the modifier is useful when exporting meta titles, descriptions, etc.).

**Replace** - After choosing this modifier, 2 fields appear: in the first one we indicate the word that needs to be replaced, and in the second one - the word to be replaced with.

**Replace First** - the same as Replace, but for the first case only.

**Default value** - When this modifier is selected, indicate the value that is added to the corresponding column by default (there is already a **defaultValue**).

**Trim** - This modifier removes spaces from the beginning and the end of the string (there is already a **trim**).

## Numeric Modifiers

**Price** - Modifier adds currency to the value in the column.

**Absolute Value** - Modifier changes the negative value in the column to positive. Example: was **-5** → now is **5**.

**Round To** - When this modifier is selected, an additional field appears, in which we indicate the number of decimal places to which we round the number in the column. Example: **33.75** → enter **1** → get **33.8**.

**Plus** - When this modifier is selected, indicate the number that is added to the number in the column.

**Minus** - Indicate the number that is subtracted from the number in the column.

**Multiplied By** - Specify the number that is multiplied by the number in the column.

**Divided By** - Provide the number by which the number in the column is divided.

**Modulo** - Indicate the number by which the number in the column is divided, and when division occurs, we get the remainder of the division in the export file. Example: we have **10**, entered the number **3**, received **1** in the file.

**Truncate** - Modifier removes decimal numbers without rounding. For example: **33.75** → Truncate → **33**.

**Ceil** - Modifier allows you to round a number up to the nearest whole number.

**Floor** - Modifier allows you to round a number down to the nearest whole number.

## Date Modifiers

**Date Format** - Specify the date format that is applied to the date in the file.

## Custom Modifiers

Custom modifiers replace the output of the value of one field with the value of another. For example, *Value to Label*: instead of *value*, the *label* will be displayed. Or, for instance, *set id to set name*: instead of *id*, the *name* will be displayed.


Use case: with the *Value to Label* modifier, you can display a color label (like Black, Blue, etc.) instead of a color code.

## Export Filters

In the next tab, you can apply filtering to specify which products should be exported. The values of all entities and fields you've added to the file in a previous step are available for filtering. For example, you may add the products at a particular price or the products of a particular type.


## Export Filters

---

Product 




Add Filter


Field For Filtering	Filter Condition	Value	
<input type="text" value="attribute_set_id"/> ▼	<input type="text" value="is"/> ▼	<div><input type="text" value="Default"/> Top Bottom Gear Sprite Stasis Ball</div>	

 Product Attribute 


---

 Product Website

---

 Customer Review


---

 Inventory Source Item

Expand the necessary entity, click **Add Filter**, and specify the value you need to export.




Product Attribute 

Exclude Parent Entity Row If No Results Found

Yes 

Enable the setting to exclude parent entity row from the export file if the child entity doesn't have filter results relative to the parent entity.

Add Filter

Field For Filtering	Filter Condition	Value	
price 	greater than 	10	

Product Website

Customer Review

You can also **Exclude Parent Entity Row If No Results Found**. It means that the parent entity row will be excluded from the export file if the child entity doesn't have filter results relative to the parent entity.

Have a look how it works:



catalog\_product\_entity\_sample

entity_id	sku	attribute_set_id	catalog_product_attribute.color	catalog_product_attribute.size	catalog_product_attribute.name
111	MH04-L-White	9	White	L	Frankie Sweatshirt-L-White
112	MH04-L-Yellow	9	Yellow	L	Frankie Sweatshirt-L-Yellow
113	MH04-XL-Green	9	Green	XL	Frankie Sweatshirt-XL-Green
114	MH04-XL-White	9	White	XL	Frankie Sweatshirt-XL-White
115	MH04-XL-Yellow	9	Yellow	XL	Frankie Sweatshirt-XL-Yellow
116	MH04	9			Frankie Sweatshirt
117	MH05-XS-Green	9	Green	XS	Hollister Backyard Sweatshirt-XS-Green
118	MH05-XS-Red	9	Red	XS	Hollister Backyard Sweatshirt-XS-Red
119	MH05-XS-White	9	White	XS	Hollister Backyard Sweatshirt-XS-White


## Automatic Export

Configure the frequency to run the profile. 2 modes to run a profile are available:


- by Cron
- by Event

## Automatic Export

---

Run Profile by Cron  Yes 

Frequency

Schedule        
Minutes Hours Days Month Days Of Week

Run Profile by Event  Yes 

Export Event

The appropriately selected event(s) here will initiate the export directly


For exporting **by cron**, you can set one of the ready-made schedules or create a custom one.

For exporting **by event**, choose the event that will trigger a profile export. For now, only the export event **Product Save** is available.

### Alert Notifications

Using this tab, you can enable email notifications about errors for a particular profile.

## Email Alert for Export Error

**Enable Email Alert**  Yes 

**Email Sender** [global]  ▼

**Email Recipients** [global]

**Email Template** [global]  ▼

**Enable Email Alert** - set to *Yes* to notify the recipients about failed exports.

**Email Sender** - choose the contact that will send automatic emails.

**Email Recipients** - set to whom the emails will be sent.

**Email Template** - select the template for failure notifications.

### Profile Export History

You can track the dynamics of each specific export profile right in its settings, in the **Export History** tab. Check the statuses, dates, logs, and the exported number of products. Download a file if necessary.

## Export History

Filters | Default View | Columns

Actions | 2 records found | 20 per page | 1 of 1

<input type="checkbox"/>	History ID ↓	Profile ID	Profile Name	Exported At	Status	Log	Records Proceed/Total	Exported File
<input type="checkbox"/>	31	6	Low Stock Products	Sep 24, 2020 12:21:18 PM	SUCCESS	Show Log	2028/2028	Download
<input type="checkbox"/>	36	6	Low Stock Products	Sep 28, 2020 8:07:39 AM	FAILED	Show Log	0/0	

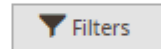
## General Export History

You may also check the logs for all exported profiles in one place. Navigate to **System → Amasty Export → Export History**. See the statuses and check details to get a full picture.

# Export History

 demouser ▾

[Clear History](#)

 Filters  Default View ▾  Columns ▾

Actions ▾ 15 records found 20 ▾ per page < 1 of 1 >

<input type="checkbox"/>	History ID	Profile ID	Profile Name	Exported At	Status	Log	Records Proceed/Total	Exported File
<input type="checkbox"/>	2	1	Daily Sales Report	Sep 23, 2020 9:39:36 AM	SUCCESS	Show Log	1/1	Download
<input type="checkbox"/>	4	1	Daily Sales Report	Sep 23, 2020 9:46:33 AM	SUCCESS	Show Log	1/1	Download
<input type="checkbox"/>	16	2	Low Stock Products	Sep 23, 2020 12:24:15 PM	SUCCESS	Show Log	3/3	Download
<input type="checkbox"/>	18	3	Marketplace	Sep 23, 2020 12:28:37 PM	SUCCESS	Show Log	3/3	Download
<input type="checkbox"/>	22	2	Marketplace	Sep 23, 2020 1:35:50 PM	SUCCESS	Show Log	3/3	Download
<input type="checkbox"/>	25	4	ERP Connector	Sep 24, 2020 11:30:42 AM	SUCCESS	Show Log	2012/2012	Download
<input type="checkbox"/>	26	4	ERP Connector	Sep 24, 2020 11:34:18 AM	FAILED	Show Log	0/0	

## 3rd Party Connections

With the extension, you can link the data generated by 3rd party extensions to the export functionality. All created connections are displayed in the **System → Export Products → 3rd Party Connections** tab.

# 3rd Party Links

Add New Connection

Filters

Default View

Columns

Actions

2 records found

20

per page

<

1

of 1

>

	ID	Connection Name	Table to Join	Base Table Key	Referenced Table Key	Action
<input type="checkbox"/>	3	Wishlists	pref_wishlist_item	entity_id	product_id	<a href="#">Edit</a>
<input type="checkbox"/>	5	Custom Stock Status	pref_cataloginventory_stock	stock_id	stock_id	<a href="#">Edit</a>

Click the **Add New Connection** button to create a new connection.

## Edit 3rd Party Link

← Back

Delete

Reset

Save and Continue Edit

Save

### Field Mapping

Name \*

Table to Join \*  ?

Parent Entity \*  ?

Referenced Table Key \*  ?

Base Table Key \*  ?

**Name** - specify the connection title for internal usage.

**Table to Join** - indicate a table name that needs to be joined.

**Parent Entity** - choose the entity table to which the foreign table will be joined.

**Referenced Table Key** - the field from the foreign table, by which the table chosen in 'Table to join' will be joined to the parent entity table.

**Base Table Key** - specify the field from the parent entity table which will be used for joining with the foreign table.

**Save** the changes. Now you can add this entity to the export file.

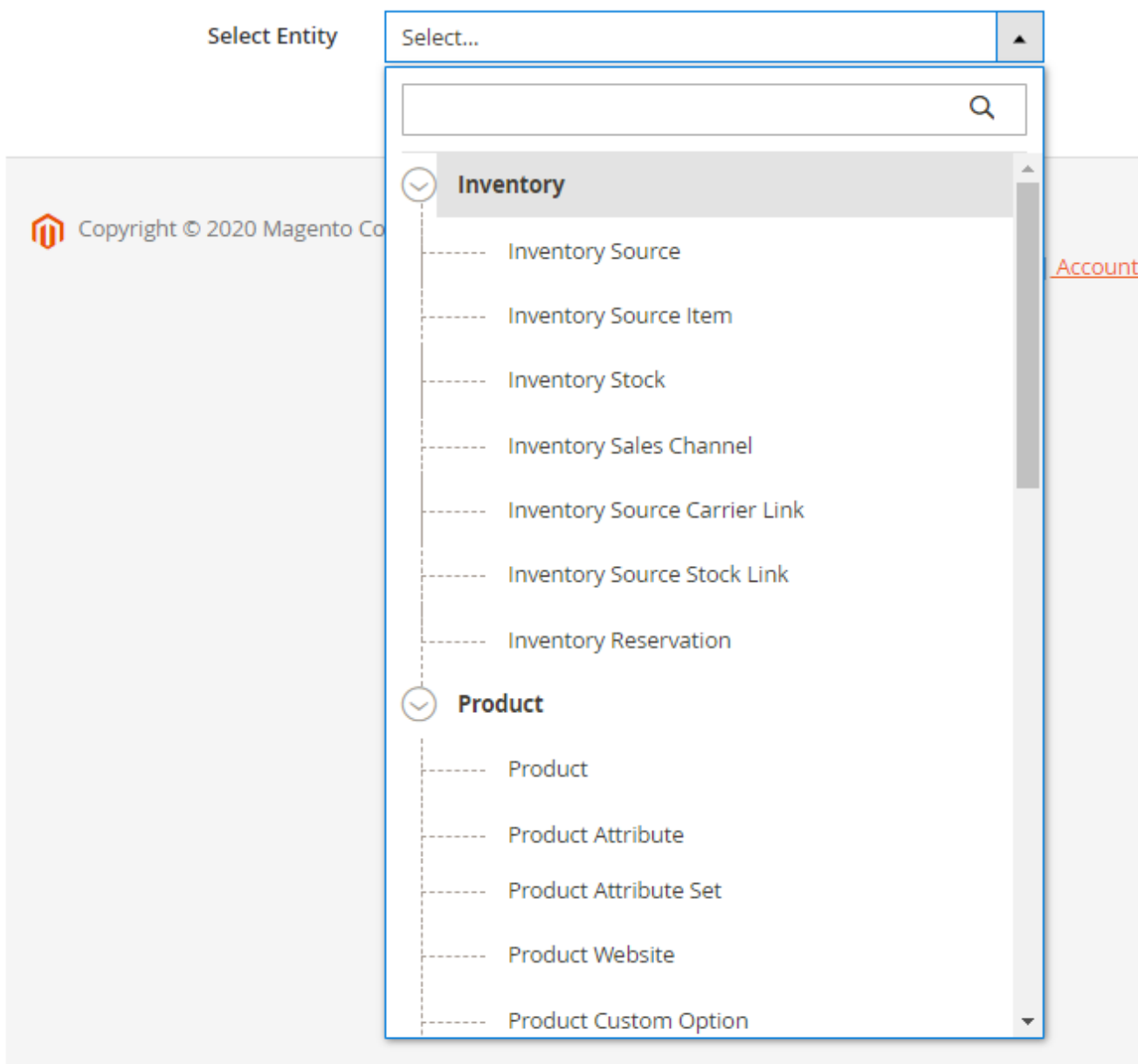
## Amasty Export: Quick & Simple

This extension also helps to perform one-time operations as it has a simplified UI. If you have only Export Products extension, you will be able to export any product and inventory entity, but if you have other export extensions by Amasty, you will easily export any available entity in one place.

Go to **System** → **Amasty Export** → **Export** and select the entity to export.

# Export

## Export Settings



As soon as you choose the entity, you will be able to configure export details, such as format, title, included fields, etc. Explore the configuration details for each tab in the [Export Profile Configuration](#) sections.

### General Settings

To configure the general options for Amasty Export, go to **Stores → Configuration → Amasty**

## Extensions → Export.

### Multi-Process Export

Enable Multi-Process Export  
[global]



Number of Parallel Processes  
[global]



**Enable Multi-Process Export** - set to Yes to speed up the export.

The 'Multi-Process Export' feature requires the **PHP extension 'pcntl'** to be installed on the server. If you enable the feature and no performance boost happens, please ask your hoster/system administrator to check if the 'pcntl' extension is installed.

**Number of Parallel Processes** - specify the number of processes according to your server capabilities. The more parallel processes are set, the faster the export process goes, but the higher the server loads.

## Amasty Export Pro

The extension also includes Amasty Export Pro features: you can create regular cron jobs to export any available entity.

Navigate to **System → Amasty Export → Cron Jobs**.

# Export Cron Jobs

 demouser ▾

[New Export Job](#)

 Filters

 Default View ▾

 Columns ▾

Actions ▾

4 records found

20 ▾

per page

<

1

of 1

>

<input type="checkbox"/>	ID	Job Title	Status	Entity Type	Action
<input type="checkbox"/>	1	catalog-product-export	ENABLED	Product	<a href="#">Edit</a>
<input type="checkbox"/>	2	custom-options	ENABLED	Product Custom Option	<a href="#">Edit</a>
<input type="checkbox"/>	3	crosssell-links	DISABLED	Cross-Sells Product Link	<a href="#">Edit</a>
<input type="checkbox"/>	4	product-reviews	ENABLED	Customer Review	<a href="#">Edit</a>

The more installed **Amasty Export extensions** you have, the more entities you can export by cron.

To add a new cron job, click **New Export Job**.

# New Export Job

 demouser ▾

[← Back](#)   [Save and Continue Edit](#)   [Save Job](#)


## Export Settings

Select Entity \*

Cron Job Title \*

Enabled  Yes 

Frequency  ▾

Schedule      

Minutes   Hours   Days   Month   Days Of Week

## Export Template

File Name

Additional Actions

Export File

Fields Configuration

Specify the cron job title for internal use and set the schedule for exporting. The file configuration algorithm is the same as described in the [Export Profile](#) section.

Find out how to install the **Export Products** extension for Magento 2 via [Composer](#).

From:

<https://stg.amasty.net/docs/> - **Amasty Extensions FAQ**

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