

amasty

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

Guide for Export Orders for Magento 2

Connect your Magento instance to other systems and efficiently export orders to them. Add to export file any order data, fields from 3rd-party extensions, create order export profiles and migrate orders regularly.

- Build export profiles in 6 various formats
- Easily find any order entity and add it to the export file
- Change the names of columns in a file to meet the recipient requirements
- Execute profiles by schedule, event or manually
- Use filtering to add only relevant order data to the export file
- Check extended options with the **2 extra Amasty Export modules**

The new **Amasty_OrderExport** extension is not compatible with the previous **Amasty_Orderexport**. If you have the old version of the extension, please, follow the steps below to avoid conflicts:

1. Disable **Amasty_Orderexport** with the command:

```
bin/magento module:disable Amasty_Orderexport
```

1. Run the command:

```
bin/magento setup:upgrade
```

The Export Structure

Amasty Export by now has 3 separate modules to carry out export tasks:

- **Export Orders:** a separate export to deal with order 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 simplified module and in the PRO version. **Follow Import & Export solution updates** to discover new possibilities.

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

Export Orders Configuration

Before building export profiles, configure the basic order export options.

Read [this article](#) to see top 6 most common use cases and how to set them up.

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

General Settings

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

Enable module - select Yes to activate the extension.

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


Log Auto-Cleaning - choose 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

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

Enable Multi-Process Export - set to Yes to speed up the export of orders. Remember, that this option is added specifically for orders. 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 Order Profiles

The extended order export functionality allows you to create flexible profiles for export and execute it on regular basis. To view all the profiles, proceed to **System → Export Orders → Profiles**.

Export Profiles

Add New Profile

Filters

Default View

Columns

Actions

4 records found

20

per page

1

of 1

<input type="checkbox"/>	Profile ID	Profile Name	File Format	Execution Type	Last Run	Last Update	Run Profile	Action
<input type="checkbox"/>	1	Dropshipping (Adidas)	XLSX	Event	Aug 26, 2020 12:47:24 PM	Aug 26, 2020 12:47:24 PM	Run Profile	Edit
<input type="checkbox"/>	2	ERP Connector	ODS	Cron	Aug 26, 2020 5:18:32 AM	Aug 26, 2020 5:18:32 AM	Run Profile	Edit
<input type="checkbox"/>	3	Dropshipping (Nike)	CSV	Event	Aug 26, 2020 12:47:24 PM	Aug 26, 2020 12:47:24 PM	Run Profile	Edit
<input type="checkbox"/>	4	Daily Sales Report	XLSX	Cron	Aug 26, 2020 5:17:44 AM	Aug 26, 2020 5:17:44 AM	Run Profile	Edit

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

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

General Configuration

In the first tab adjust the general information of the profile.

New Profile

← Back

Delete

Reset

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

General Configuration

Profile Name *

Export Only New Entities Yes ?

Batch Size

Use Default Value

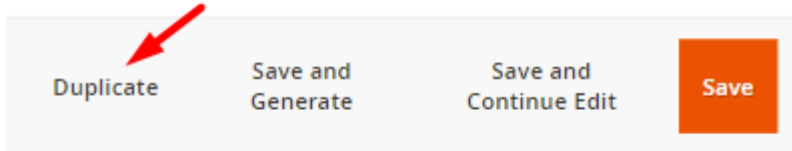
Actions With Orders After Exporting

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

Export Only New Entities - the previously exported orders will be skipped if the setting is enabled. The option is useful in case you export the profile regularly and only newly created orders are needed.

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

You can duplicate the already created profiles if you want to build a profile similar to the existing one.



Actions With Orders After Exporting

You can also automatically execute particular actions when the orders are exported.

Actions With Orders After Exporting

Change Processed Orders Status To

Exported orders will get specified status after export.

Add Comment to Status History

Comment would be added to the order status history after exporting.

Invoice Order After Exporting Yes

The order would be invoiced after exporting if the setting is enabled.

Notify Customer about Invoice Yes

Ship Order After Exporting No

The order would be shipped after exporting if the setting is enabled.

Cancel Order After Exporting No

The order would be canceled after exporting if the setting is enabled.

Change Processed Orders Status To - specify the status that exported orders will get.

Add Comment to Status History - comment would be added to the order status history after

exporting.

Invoice, Ship or **Cancel** orders after the export if needed. When any of these actions are enabled, you can additionally **notify customers**.

Output Options

Proceed to the configuration of output options.

Output Options

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



Yes

File Name - specify the title for the export file.

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 - enable the toggle to compress the file and save extra space on a server.

Export File Storage

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

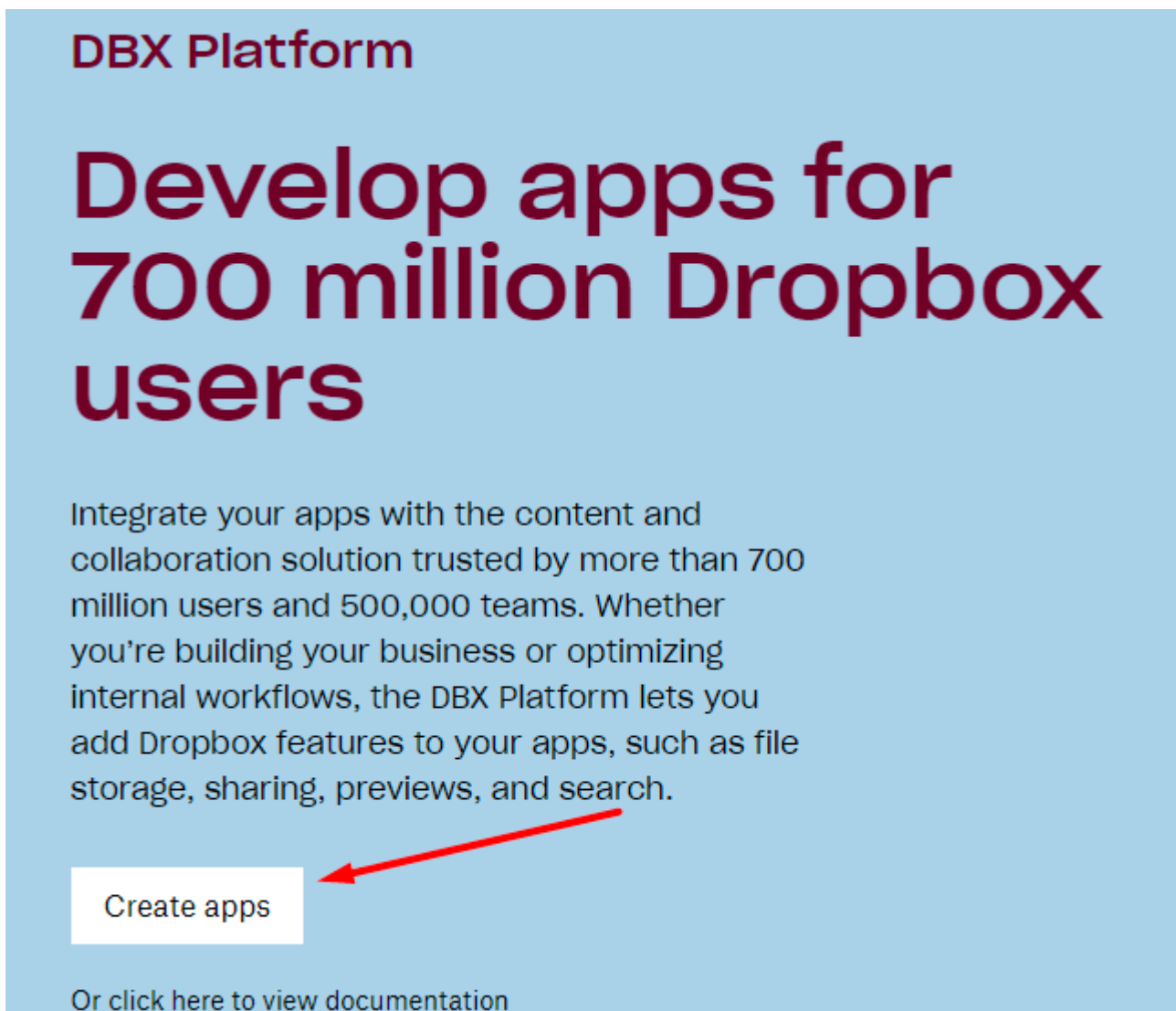
If you are using **Send to Rest Api Endpoint**, provide:

- 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

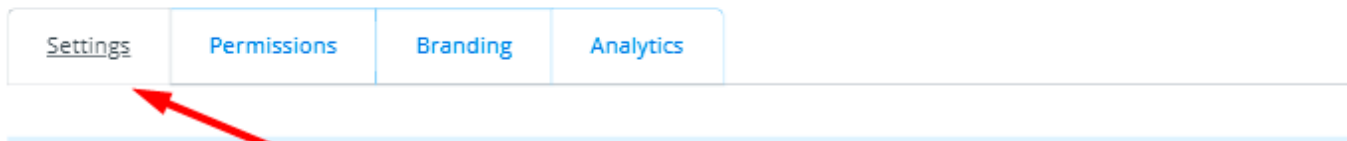
When you are done making changes. (Existing access tokens will not be affected)



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)

Allow public clients (Implicit Grant & PKCE) ⓘ

Allow

Generated access token ⓘ



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.

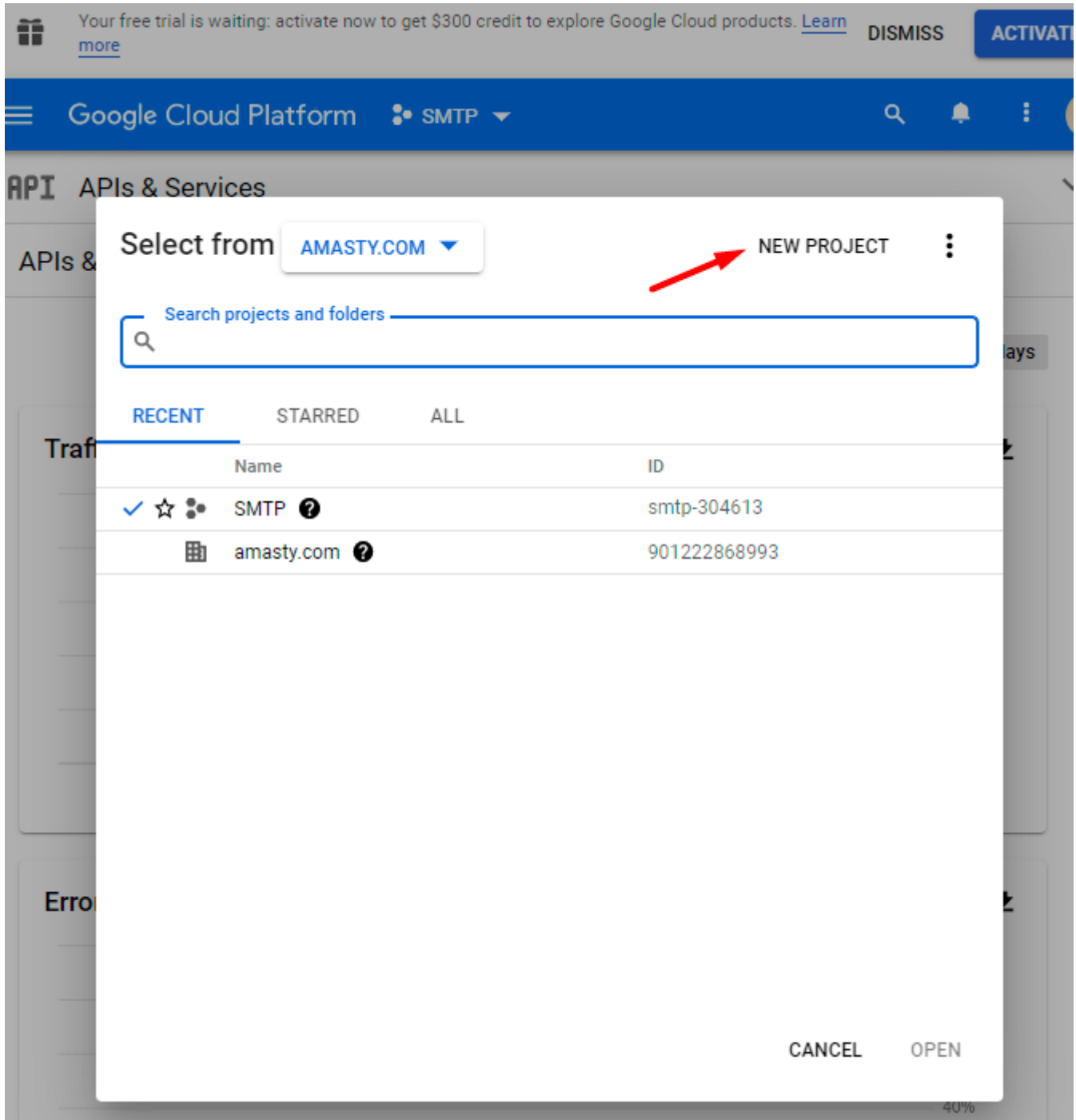
File Name for Dropbox

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

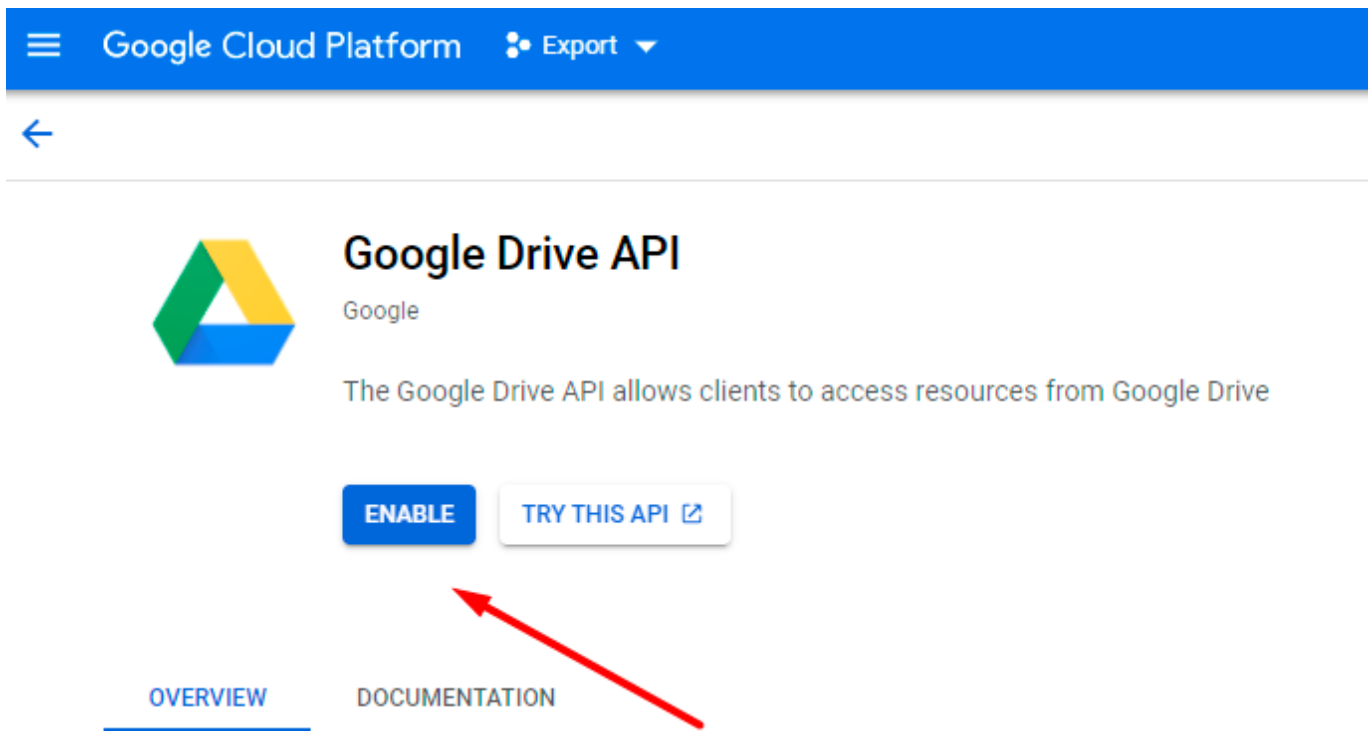
Google Drive Configuration

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.

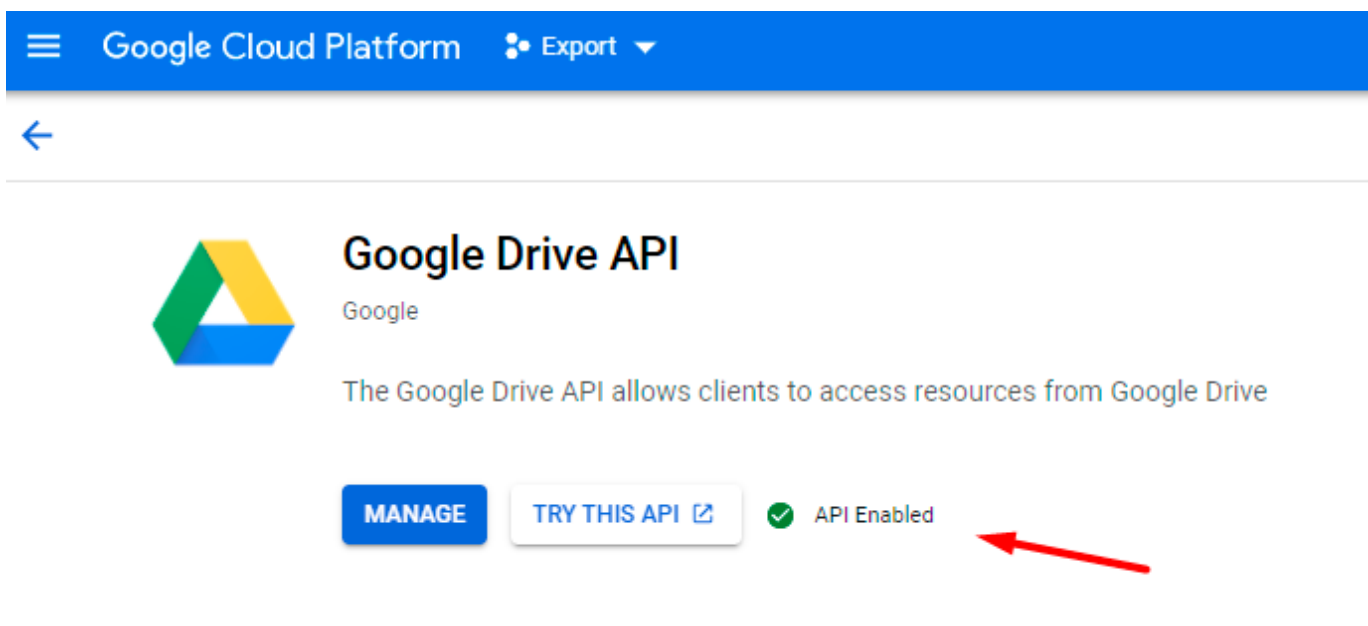
1. First of all, you need to install **Google APIs Client Library** on your Magento instance. Click [here](#) and install `composer require google/apiclient:^2.0`.
2. Go [here](#) and choose a project or create a new one if necessary.



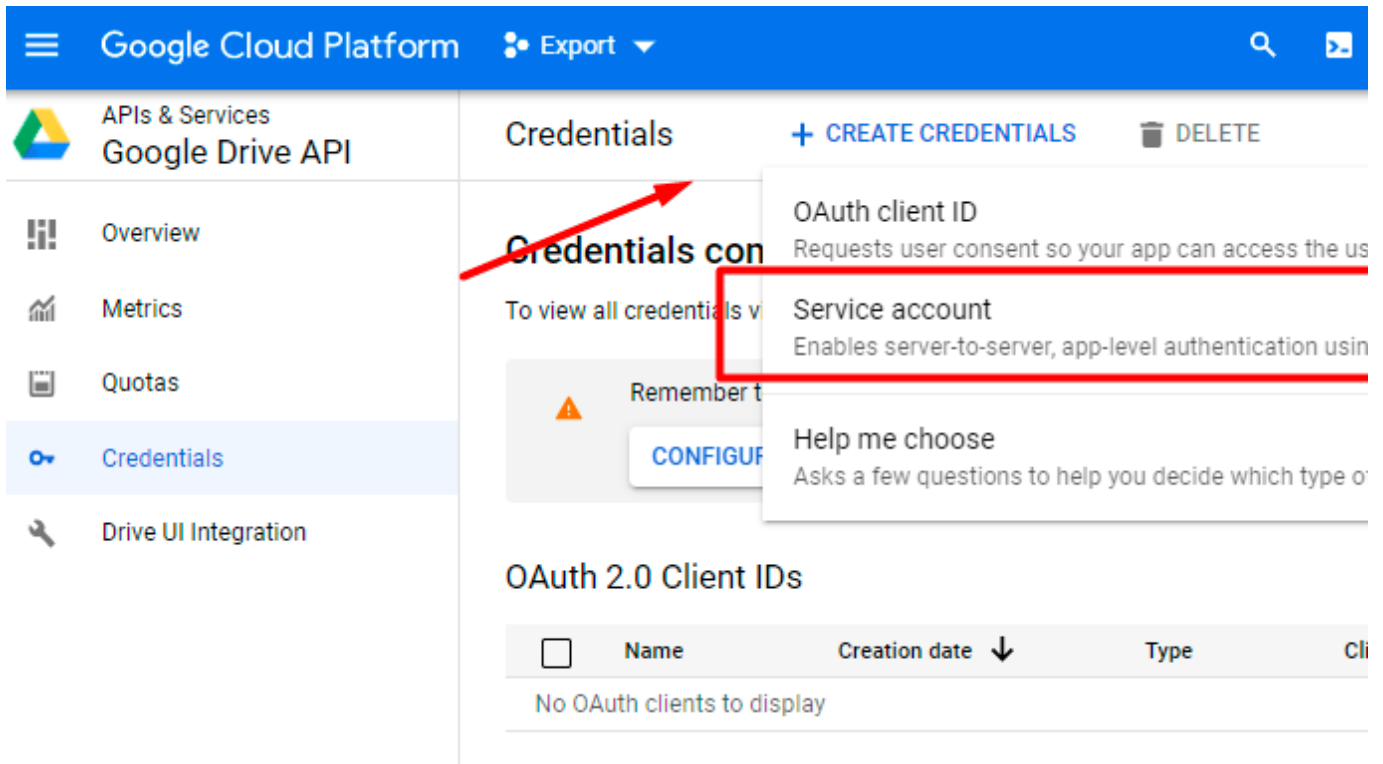
3. When the required project is chosen, return to [this page](#) and enable Google Drive API.



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



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 Federa..., 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 text 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 (opt...'. 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](#)

[DELETE](#)




[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.

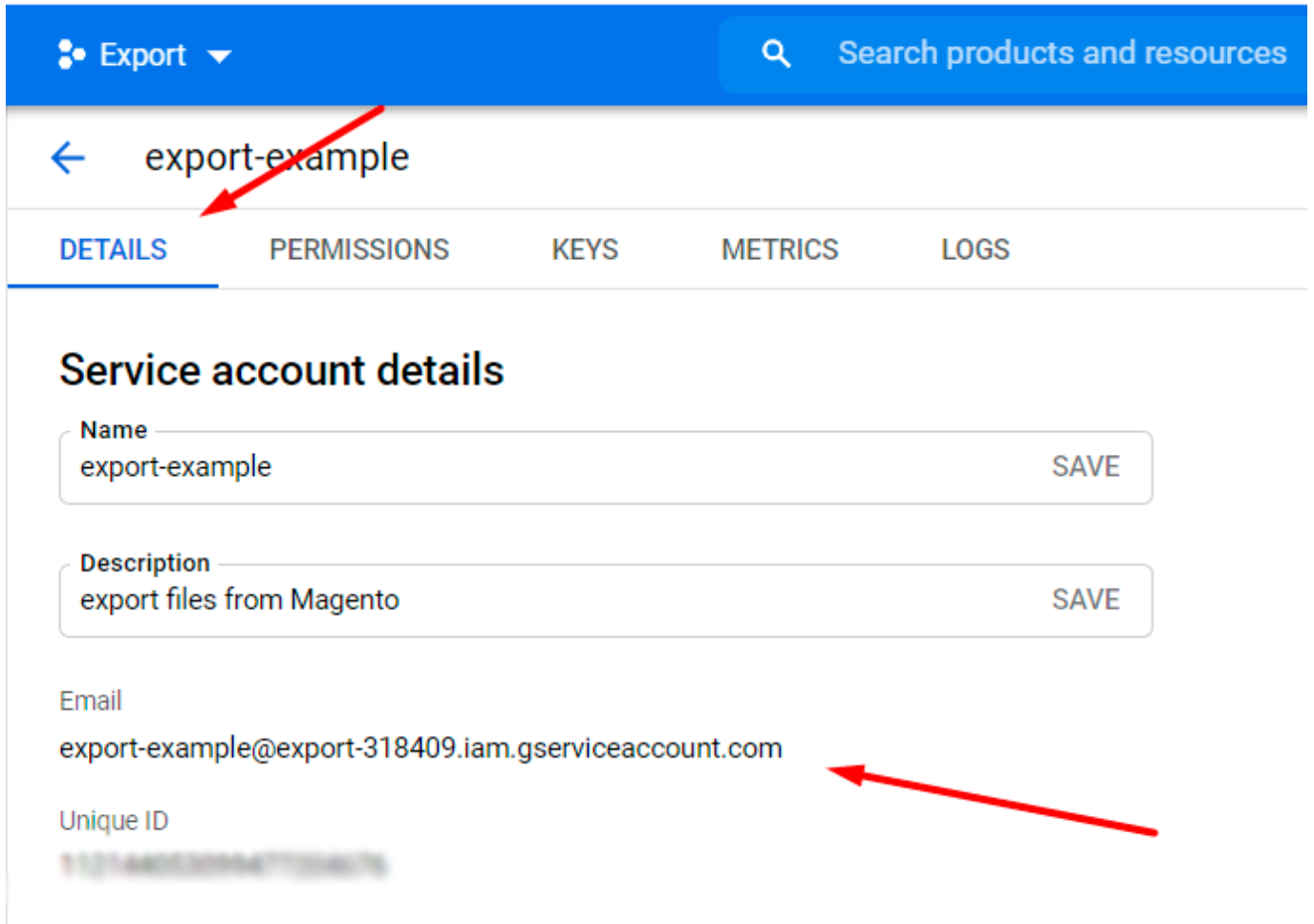
Key type

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

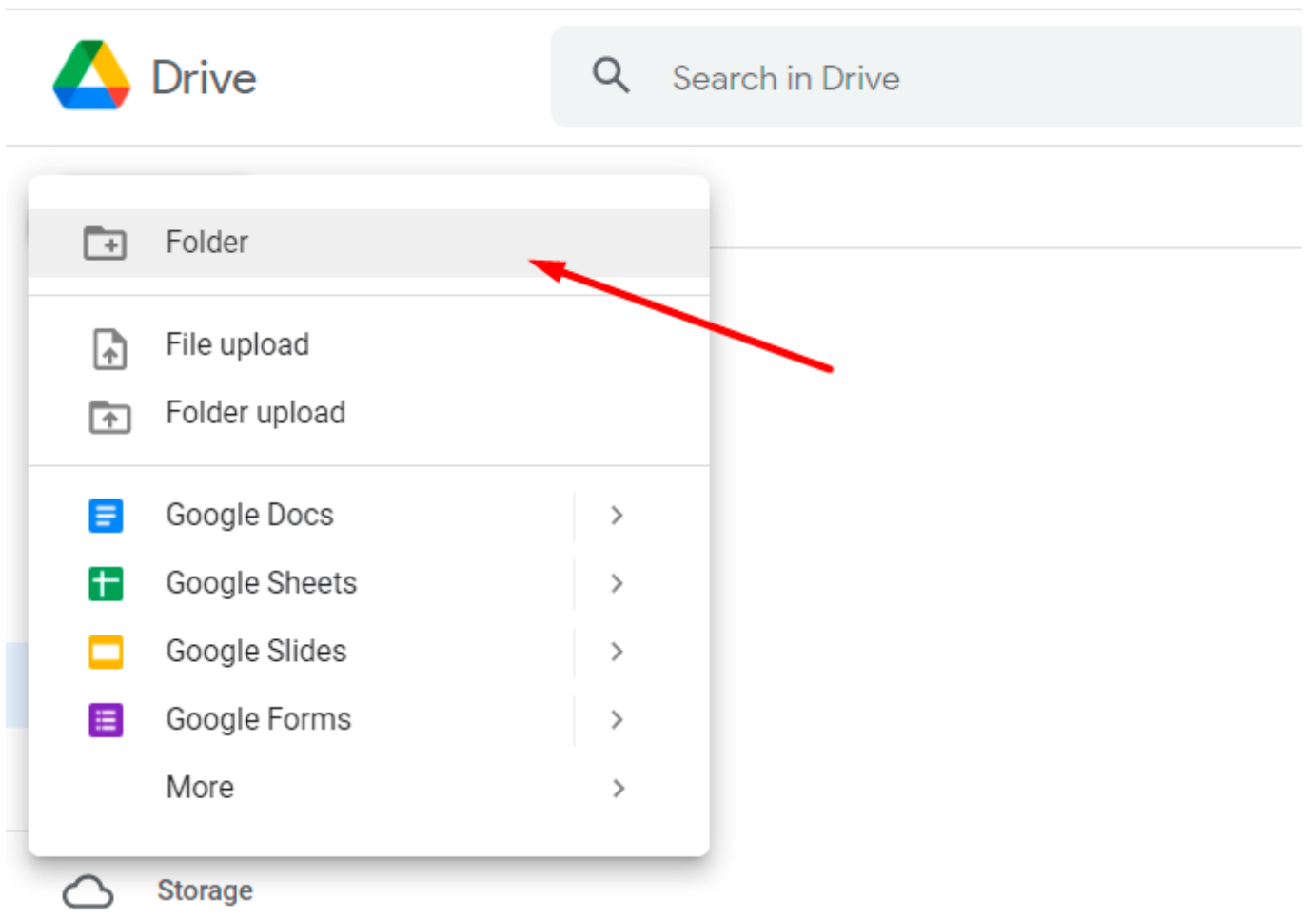
CANCEL CREATE

The file will be automatically generated and downloaded.

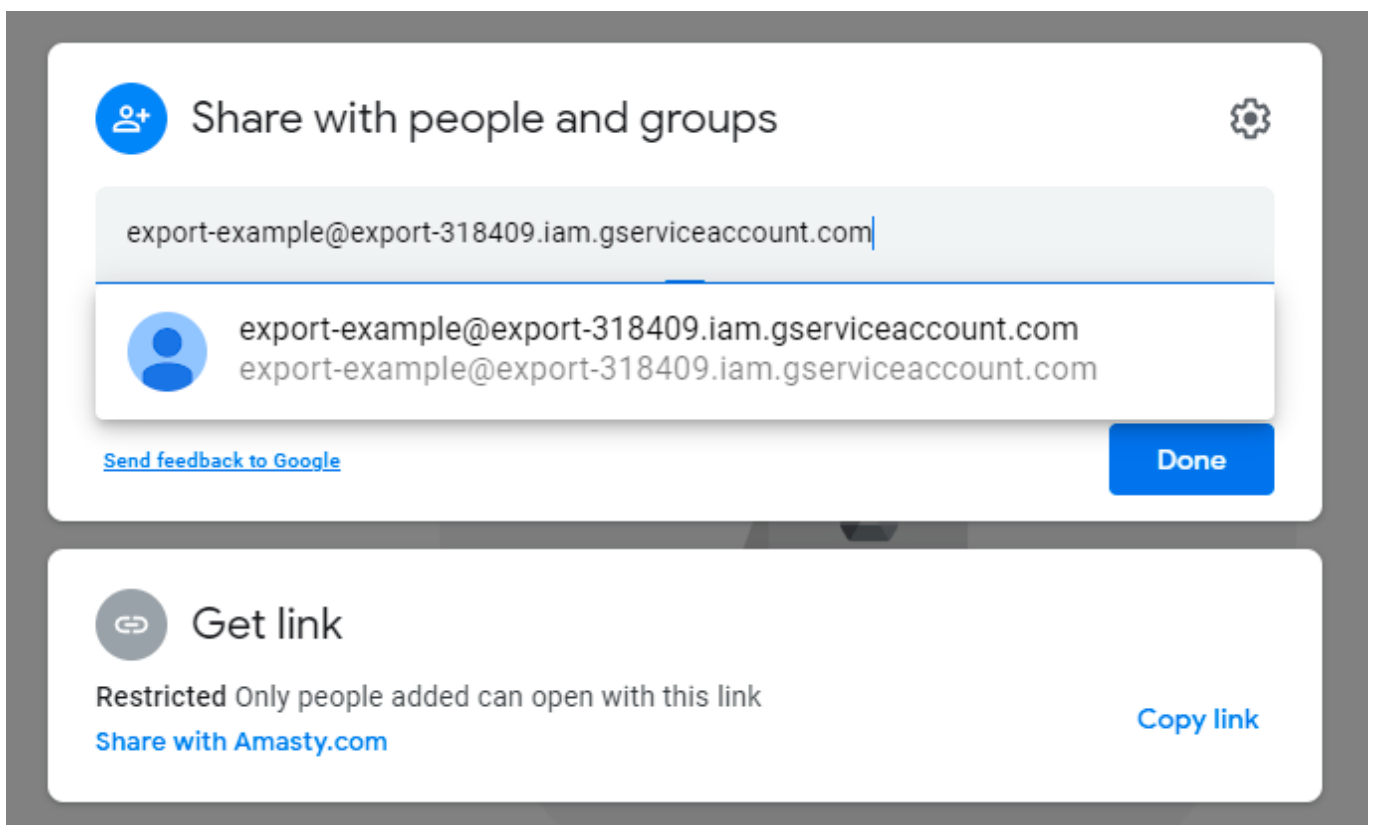
10. Proceed to the **Details** tab and copy the email.



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

On the following step, you need to choose the required file type and configure its general settings.

File Settings

File Type *	<input type="text" value="CSV"/>
Add Header Row	<input checked="" type="checkbox"/> Yes
Merge Rows into One	<input checked="" type="checkbox"/> Yes 
	Data from multiple rows will be merged into one cell, if enabled.
Merged Rows Data Delimiter *	<input type="text" value=","/> The character that delimits each field of the child rows.
Field Delimiter	<input type="text" value=","/> The character that delimits each field of the rows.
Field Enclosure Character	<input type="text" value=""/> 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 - data from multiple rows will be merged into one cell if enabled. 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 a **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:

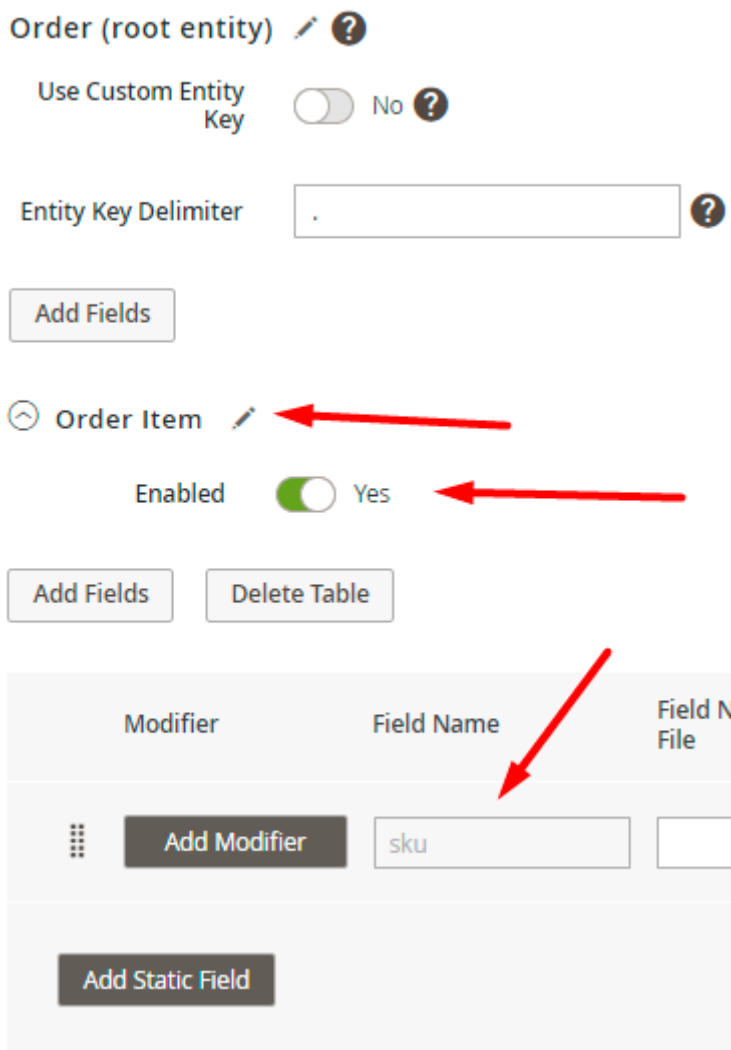
File Settings

File Type	Template
Template	Load CSV Sample Please select... Load JSON Sample Load CSV Sample
Header	increment_id,grand_total,item.sku
Content	<pre>1 {# Comment: You should add order `increment_id`, 2 Enable Order Item subentity and add `sku` field. #} 3 {% set order_items = [] %} 4 {% for order_item in item.sales_order_item %} 5 {% set order_items = order_items merge([order_item. 6 {% endfor %} 7 {% set order_items_ouput = order_items join(',') %} 8 #{{ 9 "#{ item.increment_id }" 10 }},"{{ 11 "#{ item.grand_total } #{ item.order_currency_code 12 }}", "{{ 13 "#{ order_items_ouput }" 14 }}" 15</pre> <p>{{ item }} is root entity variable</p>
Item Delimiter	,
Footer]
Extension	CSV

The extensions offers templates for .CSV and .JSON file types. To help you export subentities via .CSV using Twig template engine, please follow the steps below.

How to export subentities to CSV file using Twig

1. Enable the required subentity ('Order Item' for example) and add the fields you would like to



export ('sku').

2. Determine the property name of each entity element in the chain. For example, for 'Order Item' subentity, the property name will be 'sales_order_item' of the root entity variable 'item' (item.sales_order_item).

The property name of the required entity can be found in the corresponding entity definition file. For example, for the subentity 'Order Item' it will be the file etc/entity/sales_order_item.xml (path is relative to 'Amasty_OrderExportEntity' extension files). The file can be found by the entity name contained in the name element, for example '<name>Order Item</name>'. Next, the required entity relation should be found in the file. In our case, 'Order (root entity)' → 'Order Item'. Information about relations is contained in the elements 'relation' and the essence of relations is described in the attribute 'code'. So we find the element '<relation code="order_order_item">'. The child element 'sub_entity_field_name' will contain the name of the property we are interested in ('sales_order_item').

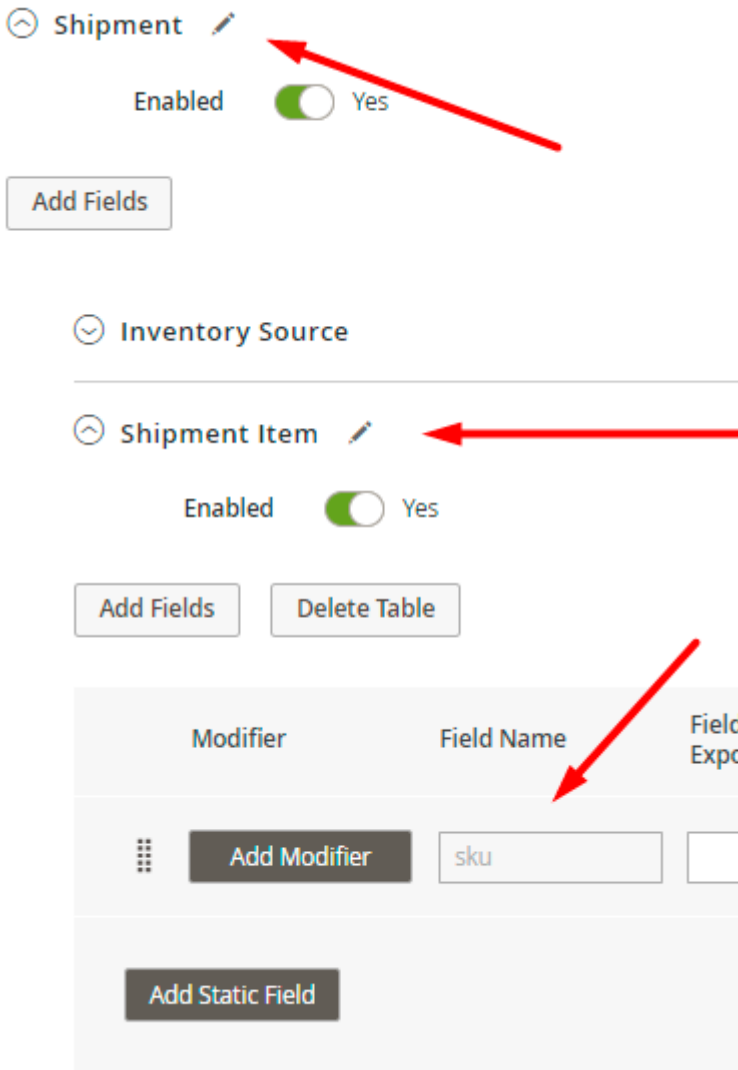
3. Then use the [loops](#) to get information from subentities. To access the subentity 'Order Item' ('sales_order_item'), use the following construction of the Twig template engine: `{% for order_item in item.sales_order_item %}`

As a result, the 'sku' property of the 'order_item' variable will contain the necessary information ('order_item.sku').

4. You can also use the filter 'join (',,')' Twig to join an array of elements into a string.

```
{# Comment: You should enable Order Item subentity and add sku field. #}
{% set order_items = [] %}
{% for order_item in item.sales_order_item %}
{% set order_items = order_items|merge([order_item.sku]) %}
{% endfor %}
{% set order_items_output = order_items|join(',') %}
"{{
"#{ order_items_output }}"
}}"
```

5. To access more nested entities, you need to use several [loops](#). For example, to access the subentity 'Shipment Item', you need to go through the chain of entities 'Order (root entity)' → 'Shipment' → 'Shipment Item'.



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

Fields Configuration

In this tab, you can start building your 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-structures file is built:

Back Delete Reset Save and Generate Save and Continue Edit

Save

Fields Configuration

Order (root entity) ?

Use Custom Entity Key No ?

Entity Key Delimiter ?

Add Fields

- Order Item ⌵

- Shipment ⌵

- Order Grid ⌵

- Order Payment ⌵

Step 1. Add root entities


First, you need to configure the basic order 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.

Order (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 Order Fields

Search


<input type="checkbox"/> entity_id	<input type="button" value="Add"/>
<input type="checkbox"/> state	<input type="button" value="Add"/>
<input type="checkbox"/> status	<input type="button" value="Add"/>
<input type="checkbox"/> customer_id	<input type="button" value="Add"/>
<input type="checkbox"/> customer_group_id	<input type="button" value="Add"/>
<input type="checkbox"/> customer_is_guest	<input type="button" value="Add"/>
<input type="checkbox"/> order_currency_code	<input type="button" value="Add"/>
<input type="checkbox"/> shipping_method	<input type="button" value="Add"/>
<input type="checkbox"/> is_virtual	<input type="button" value="Add"/>
<input checked="" type="checkbox"/> store_id	<input type="button" value="Add"/>

Use a search window right in the popup to find the required fields faster. 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.

Order (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="store_id"/>	<input type="text" value="store"/>	
<input type="button" value="Add Static Field"/>			

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

Also, for each file level, you can set a custom entity key, delimiter and a field name. Check how it works:



orders_2020_07_07_09_23_49


entity_id	items.order_id	items.sku	sales_order_shipping_address.postcode	sales_order_shipping_address.lastname
5	5	24-MB02	220123	ww
6	6,6	WT09-S-Purple,WT09-S-Purple	220123	ww
7	7,7	WT09-S-White,WT09-S-White	220123	ww
8	8	24-MB02	220123	ww
9	9	24-WB04	220123	ww
10	10,10	MT07-S-Gray,MT07-S-Gray	220123	ww
11	11	24-MB04	220123	ww
12	12	24-MB04	49628-7978	Costello
13	13	WSH12-32-Purple	49628-7978	Costello

Step 2. Add subentities

Then you can go down the entity list and enable any you need.

Order (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
 Add Modifier	<input type="text" value="store_id"/>	<input type="text" value="store"/>	
Add Static Field			

Amasty Order Attribute

Order Item

Enabled No


Order Grid

Enabled No

Sales Order Shipping Address







Enabled No

Just hit the **Enabled** toggle and **Add Fileds** button. As it was described above, a popup will appear and you will be able to add all required fields concerning a particular entity. For example, for the **Order Item** entity, you may add product type, sku, price, etc.

Order Item 



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="name"/>	<input type="text"/>	
 <input type="button" value="Add Modifier"/>	<input type="text" value="product_type"/>	<input type="text"/>	
<input type="button" value="Add Static Field"/>			

The same can be done for the entities with a lower level, such as *Order Item Attribute* or *Order Item Custom Option*.

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


 **Inventory Source** 


Enabled Yes


Custom Entity Key


inventory_source

Add Fields

 **Inventory Source Item**

 **Inventory Stock**

 **Inventory Source Carrier Link**

 **Inventory Source Stock Link**

Thus, you can build a unique profile, suitable for a particular system. Check the requirements from a system (as, for example, ERP or B2B invoicing company needs different order data) and match the details.

Adding Product Attributes


To include particular product attributes into the export profile, navigate to **Stores → Attributes → Product**.

For example, we want to add a manufacture attribute. So, we open a particular attribute and proceed to the **Order Export** tab.

manufacturer


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

ATTRIBUTE INFORMATION

Properties 

Manage Labels

Storefront Properties

Order Export 

Order Export

Add to Options

Yes ▼

Select "Yes" to add this attribute to the list of options in the order export.

Choose Yes in the **Add to Options** field and Save the attribute.

After that, you need to run **Reindex**, as the attribute will become available in the export configuration profile only after the reindexation.

Check the result. You will see manufacture attribute in the **Fields configuration** tab of the export profile (**Order Item** → **Order Item Attribute** section).

Attribute	Action
<input type="checkbox"/> Search	Search
<input type="checkbox"/> order_item_id	Add
<input type="checkbox"/> supplier	Add
<input type="checkbox"/> color	Add
<input type="checkbox"/> size	Add
<input checked="" type="checkbox"/> manufacturer	Add
<input type="checkbox"/> sku	Add
<input type="checkbox"/> price	Add

Also, now you can filter orders by the added product attribute.















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	base_subtotal		🗑️
	Round To	1	🗑️
☰ Add Modifier	grand_total		🗑️
	Price in Base Currency		🗑️
☰ Add Modifier	tax_amount		🗑️
	Plus	3	🗑️
☰ Add Modifier	shipping_method		🗑️
	Prepend	SM-	🗑️
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
 Add Modifier	<input type="text" value="base_subtotal"/>	<input type="text"/>	
 Add Modifier	<input type="text" value="Round To"/>	<input type="text" value="1"/>	
 Add Modifier	<input type="text"/>	<input type="text"/>	
 Add Modifier	<input type="text"/>	<input type="text"/>	
 Add Modifier	<input type="text"/>	<input type="text" value="3"/>	
 Add Modifier	<input type="text"/>	<input type="text"/>	
 Add Modifier	<input type="text"/>	<input type="text" value="SM-"/>	
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.

Export Filters




In the next tab, you can define which orders should be exported using filtering. For example, you may add only configurable products to the export file. Filtering also has a tree structure and is on the same level as export fields.

Export Filters

Order 





Add Filter

Field For Filtering	Filter Condition	Value
status 	is 	Processing 

 Order Item

 Order Grid

 Sales Order Shipping Address

 Sales Order Billing Address

 Order Tax

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

Order Item



Exclude Parent Entity Row If No Results Found

No 

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
<input type="text" value="product_type"/>	<input type="text" value="is"/>	<ul style="list-style-type: none">simplevirtualbundledownloadableconfigurable

Additionally, you can **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.

Check how it works:



orders_2020_07_06_10_08_45


state	status	entity_id	items.order_id	items.sku
complete	pending_paypal	1	1	WS03-XS-Red
closed	pending_paypal	2	2	WS08-XS-Blue
complete	pending_paypal	3	3	24-MB04
			3	24-UB02
			3	24-UG04
complete	pending_paypal	4	4	24-MB02
			4	MH07-S-Black
			4	MH07-S-Black
			4	WS12-S-Orange
			4	WS12-S-Orange
			4	240-LV05
complete	pending_paypal	5	5	24-MB02
complete	pending_paypal	6	6	WT09-S-Purple
			6	WT09-S-Purple
complete	pending_paypal	7	7	WT09-S-White
			7	WT09-S-White
complete	pending_paypal	8	8	24-MB02
closed	pending_paypal	9	9	24-WB04
closed	pending_paypal	10	10	MT07-S-Gray
			10	MT07-S-Gray
complete	pending_paypal	11	11	24-MB04
complete	pending_paypal	12	12	24-MB04
complete	pending_paypal	13	13	WSH12-32-Purple
new	pending_paypal	14	14	MJ12-S-Blue

Automatic Export


Set 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

Order Creation (Event: sales_order_place_after)

Invoice Creation (Event: sales_order_invoice_save_)

Shipment Creation (Event: sales_order_shipment_)

Credit Memo Creation (Event: sales_order_creditm

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


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

For exporting **by event**, choose the particular event that will trigger a profile export.

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

Email Recipients

Email Template

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

For each profile a separate export history is available. Check the statuses, dates, logs and the exported number of orders. Download a file if necessary.

Export History

Filters | Default View | Columns

Actio... | 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"/>	5	4	Daily Sales Report	Aug 21, 2020 10:33:04 AM	SUCCESS	Show Log	4/4	Download
<input type="checkbox"/>	10	4	Daily Sales Report	Aug 26, 2020 5:17:44 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 statues and check details to get a full picture.

Export History

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	2	ERP Connector	Aug 20, 2020 5:13:25 PM	SUCCESS	Show Log	1/1	Download
<input type="checkbox"/>	3	1	Dropshipping (Adidas)	Aug 21, 2020 10:08:10 AM	SUCCESS	Show Log	4/4	Download
<input type="checkbox"/>	4	3	Dropshipping (Nike)	Aug 21, 2020 10:24:22 AM	SUCCESS	Show Log	4/4	Download
<input type="checkbox"/>	5	4	Daily Sales Report	Aug 21, 2020 10:33:04 AM	SUCCESS	Show Log	4/4	Download
<input type="checkbox"/>	6	1	Dropshipping (Adidas)	Aug 26, 2020 5:16:06 AM	FAILED	Show Log	0/0	
<input type="checkbox"/>	7	1	Dropshipping (Adidas)	Aug 26, 2020 5:16:32 AM	FAILED	Show Log	0/0	

3rd Party Links

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 Orders → 3rd Party Connections** tab.

3rd Party Links

Add New Connection

Filters | Default View | Columns

Actions | 3 records found | 20 per page | 1 of 1

ID	Connection Name	Table to Join	Base Table Key	Referenced Table Key	Action
1	analytics	pref_admin_analytics_usage_version_log	parent_id	id	Edit
2	stripe intergation	pref_sales_order_payment	method	quote_payment_id	Edit
3	custom_stock_status	pref_cataloginventory_stock	option_value	stock_name	Edit

Hit the **Add New Connection** button to create a new link.

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.

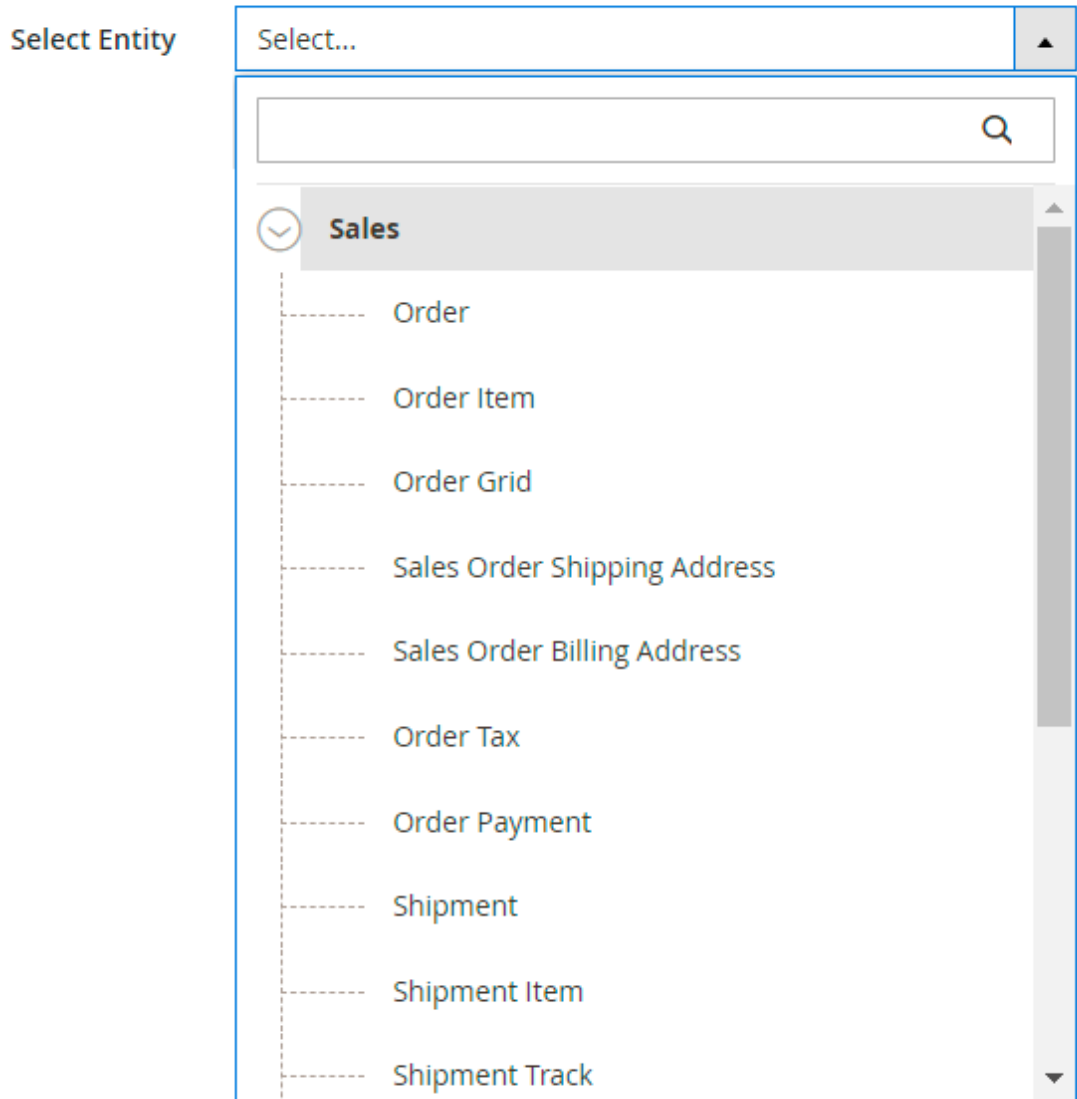
Amasty Export: Fast & Easy

This extension is helpful to perform one-time operations as it has a simplified UI. If you have only Export Orders extension, you will be able to export any order 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. Check each configuration details for each tab in the [Export Profile Configuration](#) sections.

General Settings

To configure the basic options for Amasty Export, navigate to **Stores → Configuration → Amasty Extensions → Export**.

Multi-Process Export

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

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

Also, the extension includes Amasty Export Pro features: you can create regular cron jobs to export any available entity.

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

Export Cron Jobs

[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	order-export	ENABLED	Order	Edit
<input type="checkbox"/>	2	shipment-export	ENABLED	Shipment	Edit
<input type="checkbox"/>	3	invoice-export	ENABLED	Sales Invoice	Edit
<input type="checkbox"/>	4	credit-memo-export	DISABLED	Credit Memo	Edit

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

Click **New Export Job**.

New Export Job

← 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.

Compatibilities

Export orders are compatible with **Amasty Order Attributes** extension. Thus, you can find and add custom order fields to the export file.

Amasty Order Attribute





Enabled Yes

Custom Entity Key

amasty_order_attribute

Add Fields

Delete Table

Modifier	Field Name	Field Name in Export File	Action
 Add Modifier	<input type="text" value="no_contact_delivery"/>	<input type="text"/>	
 Add Modifier	<input type="text" value="company_position"/>	<input type="text"/>	
Add Static Field			

Also, the extension supports **Amasty One Step Checkout** so that you could add more order details from your checkout page to the export file.

Amasty One Step Checkout





Enabled Yes

Custom Entity Key

osc

Add Fields

Delete Table





Modifier	Field Name	Field Name in Export File	Action
 Add Modifier	<input type="text" value="billing_value"/>	<input type="text"/>	
 Add Modifier	<input type="text" value="shipping_value"/>	<input type="text"/>	
Add Static Field			

Export **Gift Card** information if you have both modules installed.

⌵ Amasty Gift Card Order

Enabled Yes

Add Fields Delete Table

Modifier	Field Name	Field Name in Export File	Action
 Add Modifier	<input type="text" value="gift_cards"/>	<input type="text"/>	
 Add Modifier	<input type="text" value="gift_amount"/>	<input type="text"/>	
Add Static Field			

⌵ Order Item

Enabled Yes

Add Fields

⌵ Amasty Gift Card Account

⌵ Order Item Attribute

⌵ Order Item Custom Option









The same can be done with **RMA** requests.

Amasty RMA Request

Enabled Yes

Add Fields

Delete Table

Modifier	Field Name	Field Name in Export File	Action
 Add Modifier	<input type="text" value="store_id"/>	<input type="text"/>	
 Add Modifier	<input type="text" value="status"/>	<input type="text"/>	
 Add Modifier	<input type="text" value="customer_id"/>	<input type="text"/>	
 Add Modifier	<input type="text" value="rating"/>	<input type="text"/>	
Add Static Field			

Amasty RMA Request Item

Amasty RMA Status

Amasty RMA Tracking

Amasty RMA Chat

Amasty RMA History

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

From:

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

Permanent link:

https://stg.amasty.net/docs/doku.php?id=magento_2:export_orders



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