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 vesrion 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 grand 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 [global]	Yes 💌	
10J		
Export Batch Size [global]	500	
	The number of orders that will be processed in an iteration.	,
Log Auto-Cleaning [global]	Yes 💌	?
Log Auto-Cleaning Period (Days) [global]	90	0
Export Files Auto-Cleaning [global]	Yes 💌	0
Export Files Auto-Cleaning Period (Days) [global]	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 [global]	Yes	•	0
Number of Parallel Processes [global]	4		0

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** \rightarrow **Export Orders** \rightarrow **Profiles**.

2025/07/	22 18:13		5/67			Guide for Expo	rt Orders for	Magento 2
Exp	port P	rofiles					۹ 💵	admin 👻
						Ad	ld New Pr	ofile
					¥ Filters	 O Default View ▼ 	Col	lumns 🔻
Action	ns 🔻	4 records found	1		20 • pe	r page 🛛 <	1 of	>
	Profile ID	Profile Name	File Format	Execution Type	Last Run	Last Update	Run Profile	Action
	1	Dropshipping (Adidas)	XLSX	Event	Aug 26, 2020 12:47:24 PM	Aug 26, 2020 12:47:24 PM	Run Profile	Edit
	2	ERP Connector	ODS	Cron	Aug 26, 2020 5:18:32 AM	Aug 26, 2020 5:18:32 AM	Run Profile	Edit
	3	Dropshipping (Nike)	CSV	Event	Aug 26, 2020 12:47:24 PM	Aug 26, 2020 12:47:24 PM	Run Profile	Edit

Aug 26, 2020 5:17:44

AM

Aug 26, 2020 5:17:44

AM

Run

Profile

Edit

General Configuration

4

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

Daily Sales Report

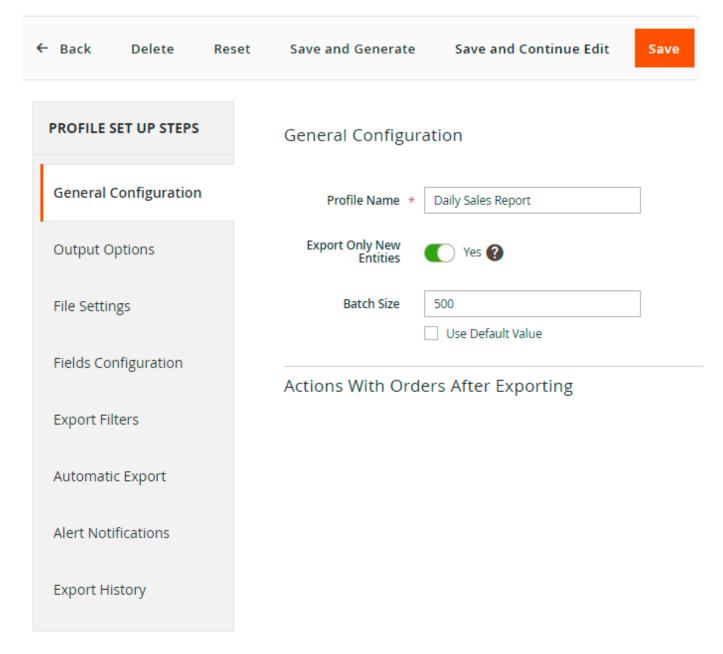
XLSX

Cron

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.

New Profile



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.

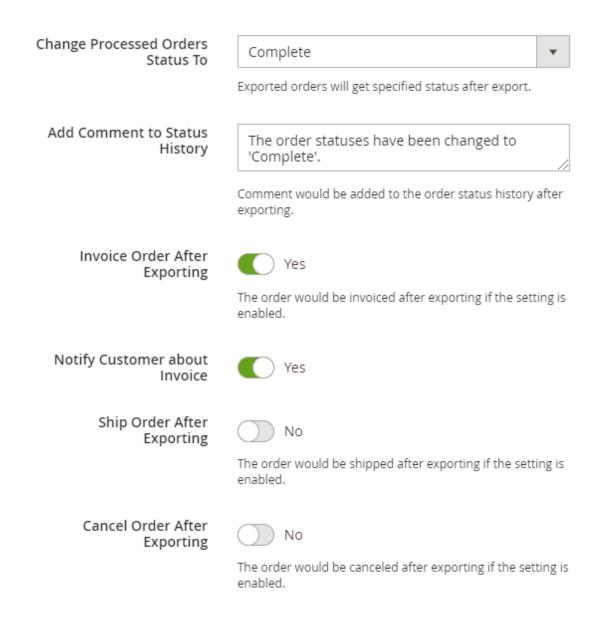




Actions With Orders After Exporting

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

Actions With Orders After Exporting 🖌



Change Processed Orders Status To - 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.
Output File Encoding	UTF-8
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.

Output File Encoding - choose the suitable type of export file encoding from the dropdown. UTF-8 is used by default.

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.

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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

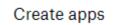
To export to Dropbox, you will need to provide the access token. Follow the steps below to get the token.

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

DBX Platform

Develop apps for 700 million Dropbox users

Integrate your apps with the content and collaboration solution trusted by more than 700 million users and 500,000 teams. Whether you're building your business or optimizing internal workflows, the DBX Platform lets you add Dropbox features to your apps, such as file storage, sharing, previews, and search.



Or click here to view documentation

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

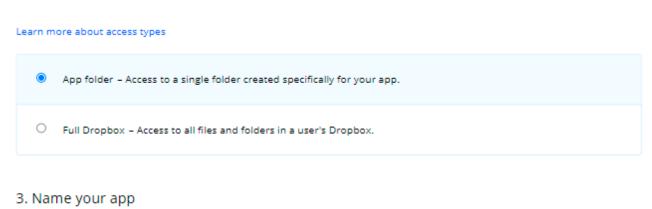
Create app

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

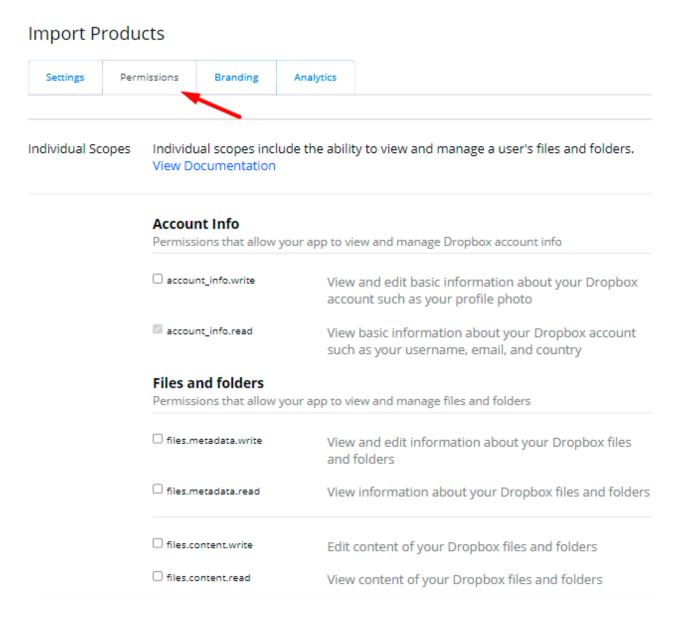
2. Choose the type of access you need



Import Products			
I agree to Dropbox API Term	is and Conditions		

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

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



Grant the permissions to write the files and click Submit.

dccount_info.write	View and edit basic information about your Dropboy 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 yo	our app to view and manage files and folders
diles.metadata.write	View and edit information about your Dropbox files and folders
🖉 files.metadata.read	View information about your Dropbox files and fold
☑ files.content.write	Edit content of your Dropbox files and folders
diles.content.read	View content of your Dropbox files and folders
Collaboration Permissions that allow yo	our app to view and manage sharing and collaboration settings
Sharing.write	View and manage your Dropbox sharing settings an collaborators

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

Import Products

<u>Settings</u>	Permissions	Branding	Analytics		
Creating	a Dropbox app				
	i re app settings our app and choose	initial settings.			
Choose	the access scopes the access scopes, a small and adding m			pp needs to interact with Dropbox. W them. Get started	e recommend
	-	nformation abou	t your Dropbox	pp. Should comply with the Dropbox d	leveloper brar

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 *	•••••	
File Path	Please follow the instructions from the user guide to generate access token.	
	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.

	ur free trial is waiting: activate now to get \$300 credit to exp o <mark>re</mark>	ore Google Cloud products. Learn DISMISS ACTIVA	Т
≡ Go	oogle Cloud Platform 🔹 SMTP 👻	Q 🌲 🗄	
API AF	Pls & Services		1
APIs &	Select from AMASTY.COM ▼	NEW PROJECT	
	Search projects and folders	lays	
Traff	RECENT STARRED ALL		
Traf	Name	ID	
	✓☆ 🕽 SMTP 🚱	smtp-304613	
	amasty.com 2	901222868993	
Erro			
		CANCEL OPEN 40%	

3. When the required project is chosen, return to this page and enable Google Drive API.

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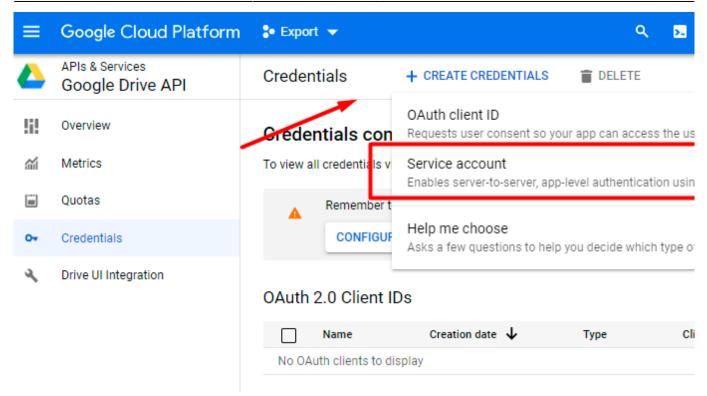
~

	Google Drive API
	The Google Drive API allows clients to access resources from Google Drive
	ENABLE TRY THIS API
OVERVIEW	DOCUMENTATION

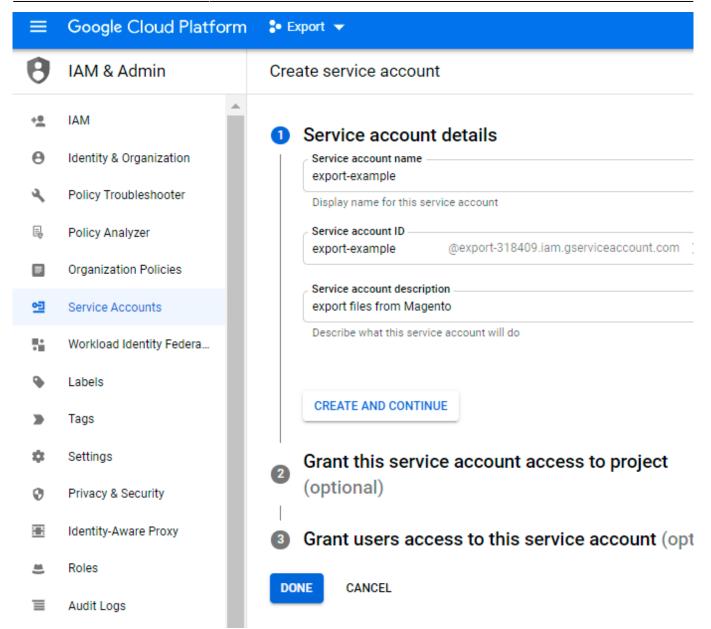
4. If everything is correct, you will see the following status:

≡	Google Cloud	Platform 💲 Export 👻
←		
		Google Drive API Google The Google Drive API allows clients to access resources from Google Drive
		MANAGE TRY THIS API

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



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



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 To DELETE + MANAGE ACCESS

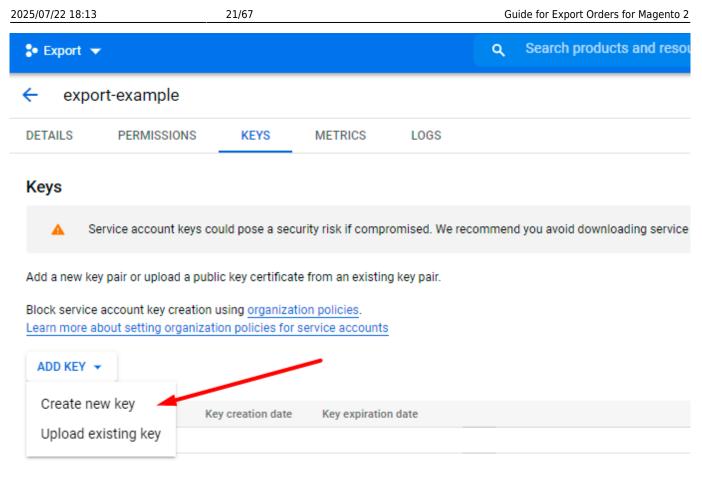
Service accounts for project "Export"

A service account represents a Google Cloud service identity, such as code running on Compute Engine VMs, App Engine apps, or syster running outside Google. Learn more about service accounts.

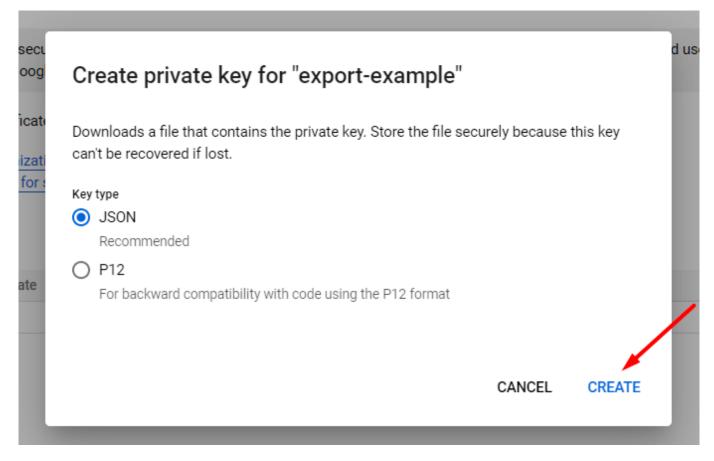
Organization policies can be used to secure service accounts and block risky service account features, such as automatic IAM Grants, k creation/upload, or the creation of service accounts entirely. Learn more about service account organization policies.

Email	Status	Name 🕇	Description	Key ID	Actio
· export-example@export-	0	export-	export file	s No	:
318409.iam.gserviceaccount.com		example	from Ma	Manage details	
				Manage permissi	ions
			~	Manage keys	
		/		View metrics	
				View logs	
				Disable	
				Delete	

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



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



The file will be automatically generated and downloaded.

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

Export	-		Q Sea	rch products and reso	ources
expo	ort-example				
DETAILS	PERMISSIONS	KEYS	METRICS	LOGS	
Service a	account details	6			
Name ——					
export-exar	mple			SAVE	
Description					
-	from Magento			SAVE	
-				SAVE	
export files Email		n.gserviceacc	ount.com	SAVE	
export files Email	from Magento	n.gserviceacc	ount.com	SAVE	

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

-	
+ Folder	
File upload	
 Folder upload 	
Google Docs	>
Google Sheets	>
Google Slides	>
Google Forms	>
More	>

Share with people and groups	(i) (i)
port-example@export-318409.iam.gserviceaccount.com	
export-example@export-318409.iam.gserviceaccount.com export-example@export-318409.iam.gserviceaccount.com	
eedback to Google	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 ★	Select the File
	WAJ0JqkWlqCAB7mJy Please follow the instructions from the user guide to create a service account key.
File Path 🔸	/export-test File will be added into the folder specified above.
File Name for Google Drive	export-{{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.

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.

Settings	
File Type	CSV 💌
Add Header Row	Yes
ort Field Names without Entity Keys	No
	Enable this setting to exclude entity keys prefixes from field names in the export file. Please note that for subsequent imports using Amasty Import functionality, entity keys will be required.
Merge Rows into One	No 🕐
	Data from multiple rows will be merged into one cell, if enabled.
licate Parent Entity Data	Yes 🕐
	Please use the setting while exporting one sequence of subentity, e.g. Order - Order Item - Product - Product Attribute, to avoid duplicating independent data.
Field Delimiter	,
	The character that delimits each field of the rows.
ield Enclosure Character	п
	The character that encloses each field of the rows.

The following formats are available:

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

For $\ensuremath{\mathsf{CSV}}$, $\ensuremath{\mathsf{ODS}}$ and $\ensuremath{\mathsf{XLSX}}$ formats you can:

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

Export Field Names without Entity Keys – set to **Yes** to exclude entity keys (prefixes) from the header rows (column titles) in CSV, ODT, and XLSX export files.

Please note the feature is available as a part of an active product subscription or support subscription. You can find the **amasty/module-export-subscription-functionality** package for installing in composer suggest.

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.

Duplicate Parent Entity Data - if enabled, the values of the child entities will be duplicated from the parent one.

See how it works

If disabled, child values are empty:

entity_id	state	status	customer_id	sales_order_item.product_id	sales_order_item.product_type
3	complete	processing	1	2040	simple
				2041	simple

If enabled, the values are duplicated:

entity_id	state	status	customer_id	sales_order_item.product_id	sales_order_item.product_type	1
3	complete	processing	1	2040	simple	۱
3	complete	processing	1	2041	simple	۱

Please, use the setting while exporting one sequence of subentity, e.g. Order - Order Item - Product - Product Attribute, to avoid duplicating independent data.

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

XSLT Editor

The extension includes an XSLT editor so that you could output XML files with any custom formatting. Using this functionality, you can create custom templates for XML documents and add, remove, rearrange or sort elements in the file.

What is XSLT?

A lot of 3rd-party platforms you are integrating with use custom XML table formatting. Magento itself can't adapt such files automatically since each platform has its own requirements. XSLT (Extensible Stylesheet Language Transformations) helps to interpret the values from the Magento database and put them in an XML document. The editor helps to organize data in the file and make it acceptable for the platform you are exporting to.

Find out how the XSLT works in this tutorial.

Before exporting a custom XML file, review the formatting requirements and find out how the attributes provided in the document are named and structured in Magento. Then, create an **XsI Template** to match the values.

To simplify template creation, download this ready-made sample file: xsl-template-for-export.zip



File Settings

File Type	XML
XML Item Tag	item
Header	xml version="1.0"?
Header	<items></items>
	11
Footer	
	1
Xsl Template	1 xml version="1.0" encoding="UTF-8"?
	<pre>2 <xsl:stylesheet <="" pre="" version="1.0" xml"="" xmlns:xsl="h</pre></th></tr><tr><th></th><th><pre>3 <xsl:output method="></xsl:stylesheet></pre>
	<pre>4 <xsl:template match="items"></xsl:template></pre>
	5 <xsl:element name="offers" namespa<="" p=""></xsl:element>
	<pre>6 <xsl:attribute name="version"></xsl:attribute></pre>
	<pre>7 <xsl:element name="group"></xsl:element></pre>
	<pre>8 <xsl:attribute <="" name="name" pre=""></xsl:attribute></pre>
	<pre>9 <xsl:for-each <="" pre="" select="item"></xsl:for-each></pre>
	10

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 selectLoad JSON SampleLoad CSV Sample
Header	increment_id,grand_total,item.sku
Content	<pre>1 {# Comment: You should add order `increment_id`, `i 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 {{item }} is root entity variable</pre>
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

Order (root entity) 🖌	•	
Use Custom Entity Key	💭 No 🕐	
Entity Key Delimiter		0
Add Fields		
🔗 Order Item 📝 🔫		
Enabled	Yes 🚽	_
Add Fields Delete 1	Table	
Modifier	Field Name	Field N File
Add Modifier	sku	
Add Static Field		

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)' \rightarrow '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_ouput = order_items|join(',') %}
"{{
    "#{ order_items_ouput }"
}}"
```

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)' \rightarrow 'Shipment' \rightarrow 'Shipment Item'.

<u>a</u>masty

🔿 Shipment 🖌	
Enabled Yes	
Add Fields	
⊙ Inventory Source	
🔿 Shipment Item 🖌 🚽	
Enabled 💽 Yes	
Add Fields Delete Table	
Modifier Field Name	Field Expc
Add Modifier sku	
Add Static Field	

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:

025/07/22 18:13	33/67					Guide for Export Ord	lers for Magento 2
		Back	Delete	Reset	Save and Generate	Save and Continue Edit	Save
Fields Configuration							
Order (root entity) 🛛 🚱				ł.			
Use Custom Entity Key	No ?						
Entity Key Delimiter	•					0	
Add Fields							
Order Item							\odot
Shipment							\odot
Order Grid							\odot
Order Payment							\odot

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 subenity has its own fields to be added into the export file.

Order (root entity) 🧉		\odot
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.

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Ec	Ad	ld Order Fields	X Add Selected Fields
		Search	Search
PF		entity_id	Add
G		state	Add
		status	Add
С		customer_id	Add
F		customer_group_id	Add
E		customer_is_guest	Add
Ц		order_currency_code	Add
E		shipping_method	Add
A		is_virtual	Add
E		store_id	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) 🖍 🕐	\odot
Use Custom Entity Key 🛛 🚺 Yes ?	
Custom Entity Key order	?
Entity Key Delimiter /	•
Add Fields Delete Table	
Modifier Field Name	Field Name in Export File Action
Add Modifier store_id	store
Add Static Field Add Merged Field	

By clicking the **Add Merged Field** button, you can create custom columns that combine data from multiple fields. Also, it's possible to customize the names of these columns and use symbols or words (such as 'and' or '/') to separate the data within them.

Field Name	Merged Fields		
relevance	{created_at}/ {updated_at}		Î
	updated_at	Ŧ	
	Insert		

Please note that adding merged fields is available as a part of an active product subscription or support subscription.

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.

Last update: 2025/07/17 08:11	magento_2:exp	oort_orders https://amasty.com/docs/doku.php?id=magento	o_2:export_orders
Order (root entity) 🗡 🍘			\odot
Use Custom Entity Key	Ves 🕐		
Custom Entity Key	order	•	
Entity Key Delimiter	1	•	
Add Fields Delete Tab	le		
Modifier	Field Name	Field Name in Export File	Action
Add Modifier	store_id	store	-
Add Static Field Add	d Merged Field		
⊙ Customer			
\odot Amasty Order Att	tribute		
🔿 Order Item 🖌			
Enabled	d 🔵 No		
🔿 Order Grid 🖌			
Enabled	d 🔿 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.

2025/07/22 18:13	39/67	Guide for Export C	Orders for Magento 2
🔗 Order Item 🖌	,		
Ena	bled 🜔 Yes		
Custom Entity	Key sales_order_item		
Add Fields De	elete Table		
Modifier	Field Name	Field Name in Export File	Action
Add Mo	difier product_type		Î
Add Mo	difier sku		-
Add Mo	difier name		1
Add Static Field	Add Merged Field		
\odot MSI Inven	tory Reservation 📝		
\odot Order Iter	n Attribute		
\odot Order Iter	m Custom Option		
⊖ Gift Mess	age		

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

The **MSI Inventory Reservation** subentity, nested within the Order Item entity, allows specifying the reserved product quantities in the export file, provided the fields of this subentity are properly mapped.

🔿 Order Ite	em 🖊			
	Enabled 🛛 🌔	Yes		
Add Fields]			
⊘ msi	Inventory Reserva	tion 🖌		
	Enabled	Ves Ves		
Add Fi	elds Delete Tabl	9		
	Modifier	Field Name	Field Name in Export File	Action
	Add Modifier	reservation_id		Î
	Add Modifier	sku		1
	Add Modifier	quantity		Î
	Add Modifier	metadata		1
Ad	dd Static Field Add	Merged Field		

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

🗇 Inventory Sour	ce 🖊	
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** \rightarrow **Attributes** \rightarrow **Product**.

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

manufact	urer				
	← Back	Delete Attribute	Reset	Save and Continue Edit	Save Attribute
ATTRIBUTE INFORMATION		Order Export			
Properties 🖌		Add to Options	Yes 💌	add this attribute to the list of op	tions in the order
Manage Labels			export.		
Storefront Prop	erties				
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 \rightarrow Order Item Attribute** section).

	Add Order Item Attribute Fields			
←	Add Sele	cted Fields		
🗇 Order Item Attribute				
Enabled	Search	Search		
	order_item_id	Add		
	supplier	Add		
Add Fields	□ color	Add		
	□ size	Add		
⊙ Order Item Custom Opti	manufacturer	Add		
	🗆 sku	Add		
	□ price	Add		
Order Grid				

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

Modify Values in Export Files

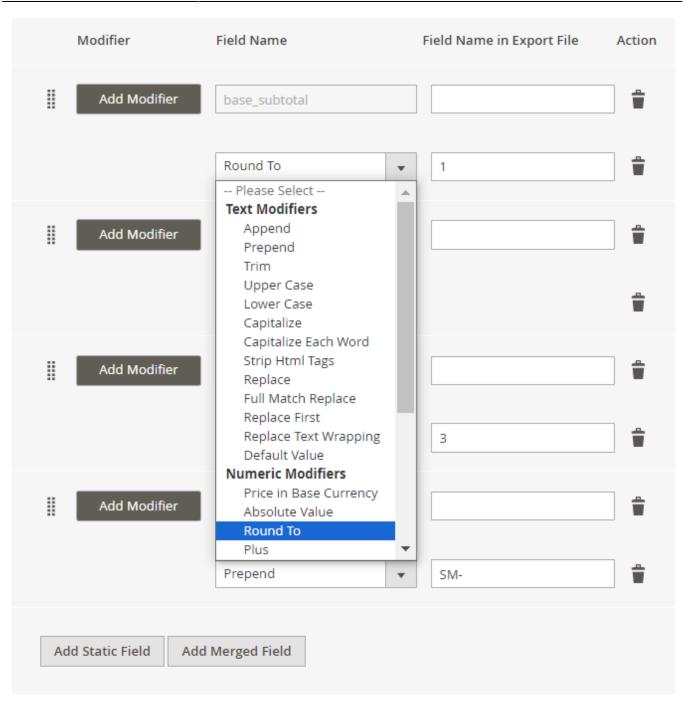
Now you can use modifiers to change the values in the export file. For example, you can change the date format, add any text and apply various mathematical actions to prices (e.g. rounding, multiplication, etc.).

Modifiers are added right during the fields configuration.

Last update: 2025/07/17 08:11

	Modifier	Field Name	Field Name in Export File	Action
	Add Modifier	base_subtotal		Î
		Round To 🗸	1	
	Add Modifier	grand_total		
		Price in Base Currency 🔹		
	Add Modifier	tax_amount		Î
		Plus 💌	3	Î
	Add Modifier	shipping_method		Î
		Prepend 🔻	SM-	Î
Ad	dd Static Field Add	Merged Field		

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



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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

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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.

Full Match Replace modifier functions similarly to the **Replace** modifier. However, it only replaces the value from the first field (**From**) with the value from the second field (**To**) when the value from the first field is fully matched.

For example, if you specifically need to replace only '2' with '3', it's better to choose the **Full Match Replace** modifier. This is because if you opt for the **Replace** modifier instead, specifying **From**: '2' and **To**: '3', it might result in '122' being replaced with '133' due to the presence of '2'.

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

Replace Text Wrapping - After selecting this modifier, the wrapping of multiline text is replaced with space by default. You can remove the space in the dependent field and enter another character you'd like to replace the wrapping of multiline text with.

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 $-5 \rightarrow$ 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** \rightarrow enter 1 \rightarrow 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** \rightarrow Truncate \rightarrow **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.

Apply Timezone - Choose the modifier for a timezone in UTC format.

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 🖌					$\overline{\bigcirc}$
Add Filter					
Field For Filtering	Filter Condition	Filter After Modifier Applied	•	Value	
status -	is	No No		Pending Pending Payment Pending PayPal Processing	

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

2023/07/22 10.13	49/07		Guide for Export Orders for Magerito z
🔗 Order Item 🖌			
Exclude Parent Entity Row If No Results Found	from the export file if	exclude parent entity ro f the child entity doesn't ative to the parent entity	
Add Filter			
Field For Filtering	Filter Condition	Filter After Modifier Applied	Value
product_type -	is 💌	No No	Bundle Product Downloadable Prod Grouped Product

Also, you can use specific filters for the *Date* parameter, e.g. export orders placed in the last X days or weeks.

Filter After Modifier Applied - check this toggle to filter data only after apllying particular modifier. For example, you can modify the timezone and apply date filter to the 'created_at' field after the modification.

Export Filters

Order 🖌					\odot
Add Filter					
Field For Filtering	Filter Condition	Filter After Modifier Applied	?	Value	
created_at 🔹	more or equal 💌	Ves			Î

Please make sure the field with a corresponding modifier is added to the export file. Otherwise, the setting won't be applied.

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:

 \times

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

orders_2020_07_06_10_08_45

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	Every Monday at 4 am 👻
Schedule	0 4 * 1 ?
	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 even**t, 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	Ves ?
Email Sender	General Contact
Email Recipients	store_admin@example.com × dropship_admin@example.com ×
Email Template	Amasty Export Orders: Export failed

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

Actio	🔻 2	2 records f	found	▼ Filter		Default <		Columns 🗸
T	History ID	Profile ID	Profile Name	Exported At	Status	Log	Records Proceed/Total	Exported File
	5	4	Daily Sales Report	Aug 21, 2020 10:33:04 AM	SUCCESS	Show Log	4/4	Download
	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 order exports (one-time, cron jobs, and profiles) in one place. Navigate to **System** \rightarrow **Amasty Export** \rightarrow **Export History**. See the statues and check the details to get a full picture.

2025/07/2	22 18:13		55/67				Guide for E	xport Orders	or Magento 2
Expo	ort Hi	story						1 d	lemouser 🔻
								Clear H	listory
					F	ilters	 Default View 	- \$	Columns 👻
Action	15 💌	33 reco	ords found		20	• pe	er page <	1 0	of 2 >
	History ID	Export Entry ID	Export Entry Name	Exported At	Status †	Log	Records Proceed/Total	Exported File	Entity
	1			Aug 14, 2020 4:58:25 PM	SUCCESS	Show Log	2/2	Download	Manual
	2	2	ERP Connector	Aug 20, 2020 8:13:25 PM	SUCCESS	Show Log	1/1	Download	Export Orders
	3	1	Dropshipping (Adidas)	Aug 21, 2020 1:08:10 PM	SUCCESS	Show Log	4/4	Download	Export Orders
	4	3	Dropshipping (Nike)	Aug 21, 2020 1:24:22 PM	SUCCESS	Show Log	4/4	Download	Export Orders
	5	4	Daily Sales Report	Aug 21, 2020 1:33:04 PM	SUCCESS	Show Log	4/4	Download	Export Orders
	13	1	order-export	Aug 26, 2020 8:19:23 AM	SUCCESS	Show Log	2/2	Download	Cron

You can easily identify the export method in the **Entity** column:

- Manual one-time exports;
- Cron exports via cron job interface;
- Export Orders profile exports.

REST API and CLI requests

It is possible to run import and export profiles using the REST API and CLI.

REST API:

- "/V1/am_import_export/get_profile_runners/" method="GET" to get available profile runners
- "/V1/am_import_export/run_profile/" method="POST" to run a profile
- "/V1/am_import_export/check_profile_status/" method="POST"- to check profile status

CLI:

• php bin/magento am-import-export:show-profile-runners-list

- php bin/magento am-import-export:run-profile product_import_profile 1
- php bin/magento am-import-export:check-profile-status product_import_profile %identity_from_run_command%

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** \rightarrow **Amasty Export** \rightarrow **3rd Party Connections** tab.

3rd Party Links 💄 demouser 🗸 Add New Connection **Filters** Default View -🔅 Columns 👻 2 records found Actions • 20 • per page 1 of 1 Connection Base Table Referenced Table Export Type • ID ↓ Table to Join Action Name Key Key Amazon Export 1 order_id pref_amazon_pending_authorization entity_id Edit Orders Integration Export Wishlists 2 pref wishlist customer_id customer id Edit Orders

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

2025/07/22 18:13		57/67			Guide for Export Or	ders f	for Magento 2
New 3rd Party Link	(1	demouser 👻
		÷	Back S	ave a	nd Continue Edit		Save
Field Mapping							
Nan	ne *	RMA Integration					
Export Typ	e *	Export Orders 🔹					
		Select an entity for 3-rd party connection.					
Table to Jo	in *	pref_magento_rma		•	?		
2		0 _			•		
Parent Enti	ty *	Order		•	0		
Referenced Table Ke	ey *	order_id		•	?		
Base Table Ke	ey *	entity_id		•	?		

Name - specify the connection title for internal usage.

Export Type - select the **Export Orders** entity for 3-rd party connection.

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** \rightarrow **Amasty Export** \rightarrow **Export** and select the entity to export.

Export

Export Settings

Select Entity
Select...

Select Entity

Select Entity

Select Entity

Sales

Sales

Order

Order Item

Order Grid

Sales Order Shipping Address

Sales Order Billing Address

Order Tax

Order Payment

Shipment Item

Shipment Track

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** \rightarrow **Configuration** \rightarrow **Amasty Extensions** \rightarrow **Export**.

Multi-Process E	xport	

Enable Multi-Process Export [global]	Yes	•	?
Number of Parallel Processes [global]	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.

Advanced

Enable Debug Mode [global]	Yes 💌
	Enabling this setting will allow detecting errors and display detailed information about them including server errors. Also useful error information can be found in var/log/amasty_export_debug.log.
Process Status Check Mode [global]	System Process ID 🔹
	System Process ID
	Statuses
Enable Export without Memory Limit [global]	Yes 💌
	Enable this setting if export process terminates because of the memory limit exceed.

Enable Debug Mode - set to *Yes* to allow the system to detect errors and display detailed information about them in the popup (including server errors). Also, error information can be found in **var/log/amasty_import_debug.log**.

Process Status Check Mode - select the **Statuses** option if you are using a multi-node environment (this helps prevent possible errors). If you are not using a multi-node environment, please leave the **System Process ID** option selected.

Enable Export without Memory Limit - enable the setting if the export process terminates because the memory limit exceeds to allow using all available memory volume for the export process.

System Settings

CLI PHP Path [global] /usr/local/bin/php

Current CLI PHP path of your Magento which is used by our extension when running the commands directly during the processing of PHP requests. To change it, please run bin/magento config:set amasty_base/system/cli_php_path %CLI_PHP_PATH% from the command line.

CLI PHP Path - using this option, you can check the Magento path which is used by our extension when running the commands directly during the processing of PHP requests. To change it, please run the following command:

bin/magento config:set amasty_base/system/cli_php_path %CLI_PHP_PATH%

If you run a command and a new path is not displayed in this setting, please recheck the path you've specified. In case the path is incorrect, the changes won't be applied to the admin panel and you'll see the default path.

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.

2025/07/22 18:13	61/67		Guide for Export Order	s for Magento
Export Cror	n Jobs		Q .	👢 admin 👻
			New Exp	ort Job
Actions 💌	4 records found	▼ Filters 20 ▼		Columns 👻
ID I	Job Title	Status	Entity Type	Action
1	order-export	ENABLED	Order	Edit
2	shipment-export	ENABLED	Shipment	Edit
3	invoice-export	ENABLED	Sales Invoice	Edit

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

DISABLED

Credit Memo

4

credit-memo-export

Edit

New Export Job

	← Back	Save and Cor	ntinue Edit	Save	Job
Export Settings					
Select Entity 🔺	sales_invoice				
Cron Job Title 🔸	invoice-export				
Enabled	Ves 🕐				
Frequency	Every 1st Day o	of Month at 4am	•		
Schedule		4 1 ours Days	* Month	* Days Of	?
Export Template				Week	
File Name					
Additional Actions					
Export File					
Fields Configuration					
		masty			

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 Attr	ribute	
Enabled	Yes	
Custom Entity Key	amasty_order_attribute	
Add Fields Delete	e Table	
Modifier	Field Name	Field Name in Export File Action
Add Modifie	r no_contact_delivery	
Add Modifie	r company_position	
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.

\odot Amasty One Step	Checkout 🖌	
Enabled	Ves	
Custom Entity Key Add Fields Delete	osc e Table	
Modifier	Field Name	Field Name in Export File Action
Add Modifie	r billing_value	
Add Modifie	shipping_value	
Add Static Field		

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

🗇 Amasty Gift Card Order								
	Enabled	Yes						
Add Fields Delete Table								
М	lodifier	Field Name	Field Name in Export File	Action				
8	Add Modifier	gift_cards		1				
8	Add Modifier	gift_amount		Î				
Add Static Field								
Order Item								
Add Fields								
O 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	store_id						
:	Add Modifier	status		Î				
	Add Modifier	customer_id						
	Add Modifier	rating		1				
A	Add Static Field							
\odot	⊙ Amasty RMA Request Item							
\odot	⊙ Amasty RMA Status							
\odot	⊙ Amasty RMA Tracking							
\odot	⊖ Amasty RMA Chat							
\odot	⊙ Amasty RMA History							

Additional packages (provided in composer suggestions)

To make additional functionality available, please install the suggested packages you may need.

Available as a part of an active product **subscription** or support subscription:

• amasty/module-export-merged-fields - This package provides the possibility of merging

several export field values into one field.

• **amasty/module-export-subscription-functionality** - Install this package to exclude entity keys (prefixes) from the header rows (column titles) in CSV, ODT, and XLSX export files.

Find out how to install the **Export Orders** extension for Magento 2 via Composer.

From: https://amasty.com/docs/ - Amasty Extensions FAQ Permanent link: https://amasty.com/docs/doku.php?id=magento_2:export_orders Last update: 2025/07/17 08:11

<u>a</u>masty