For more details see how the Import and Export for Magento 2 extension works.

Guide for Import and Export for Magento 2

Import and Export for Magento 2 is the solution for data migration and synchronization. Connect your Magento store with ERP/CRM systems and third-party sources like marketplaces. The extension is not based on Magento import and export functionality, which makes it more flexible and adjustable for any third-party software.

- Build profiles for regular data synchronization or perform a one-time transfer
- Map fields and change the values with modifiers
- Schedule automatic import and export tasks via cron
- Use various file formats, including Google Sheets
- Validate import files to avoid errors
- Set performance options to speed up migration and avoid server overload

This guide fully describes the solution **Premium** version, which includes all Import and Export functionalities and by now, allows you to manage the following entities:

- import/export Orders;
- import/export Products;
- import/export Customers;
- import/export CMS blocks;
- import/export CMS pages;
- import/export URL rewrites;
- import/export Catalog Price Rules;
- import/export Cart Price Rules;
- import/export EAV attributes;
- import/export Search Terms and Synonyms.

Also, you can choose the **Lite** or **Pro** solution versions, which will provide you with facilitated feature sets according to your specific business needs.

Lite version includes the following functionalities:

- One-time manual import/export tasks
- 3 entities: order, product, customer
- 2 file formats (CSV, XML)
- 2 sources (file upload/local directory)

Pro version includes the following functionalities:

- One-time manual import/export tasks
- 3 entities: order, product, customer
- Mini-automation using cron jobs
- 6 file formats (CSV, XML, ODS, XLSX, Template, JSON)
- 9 file sources
- Export history

I Find out how to import data correctly using this article.

• You can also refer to this comprehensive article prepared by our support team for expert recommendations on extension configuration and import/export execution.

Explore our internal **Knowledge Base** to gain even more valuable insights and uncover answers to popular questions about the configuration and features of the Magento 2 Import and Export extension.

Import & Export Structure

Amasty Import and Export solution has 3 separate interfaces that cover different migration tasks:

- **Import/Export Profiles:** an interface to create profiles for regular synchronization; profiles are created separately for different entities
- Amasty One-time Import/Export: a simplified interface suitable for a one-time import or export of any available entity
- Amasty Import/Export Cron Jobs: a separate module to create cron jobs concerning import and export activity

Thus, you can use the solution both for multiple integrations and non-regular data transferring.

Please, note: URL rewrites and CMS blocks can be imported and exported using a one-time interface or cron jobs. This way, you can't create automatic profiles for these entities.

Performance Settings

The solution has multiple options for performance optimization. The settings are different for import and export so that you could flexibly configure both processes according to your server capabilities. Also, the settings are split by entities, e.g. you can make the export of products faster than the export of orders.

Export Settings

The performance of regular exports:

Go to Stores → Configuration → Amasty Extensions → Export Orders/Products/Customers.

<u>a</u>masty

Last update: 2025/04/30 13:10

General Settings

Enable module [global]	Yes 💌	
Export Batch Size [global]	500	
	The number of orders that will be processed in an iteration.	
Log Auto-Cleaning [global]	Yes 💌	0
Log Auto-Cleaning Period (Days) [global]	90	0
Export Files Auto-Cleaning [global]	Yes 💌	?
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 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.

The performance of one-time exports:

You can also configure the setting for additional interfaces separately.

To configure the basic options for One-time Export, navigate to **Stores** \rightarrow **Configuration** \rightarrow **Amasty Extensions** \rightarrow **Export**.

Multi-Process Export			
Enable Multi-Process Export [global]	Yes	•	?
Number of Parallel Processes [global]	4		0

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

<u>a</u>masty

the server loads.

Advanced



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.

Import Settings

The performance of regular imports:

Before building import profiles, configure the basic import performance options.

Go to Stores → Configuration → Amasty Extensions → Import Orders.

General Settings

Import Batch Size [global]	500		
	The number of orders that will be processed in an iteration.		
Import History Auto-Cleaning [global]	Yes	•	?
Auto-Cleaning Period (Days) [global]	90		0

Multi-Process Import

Enable Multi-Process Import [global]	Yes	•	?
Number of Parallel Processes [global]	4		?

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

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

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

Enable Multi-Process Import - enable this option to perform import in multiple threads and speed up the import process.

Number of Parallel Processes - if the previous option is enabled, specify the number of processes

<u>a</u>masty

according to your server capabilities. The more parallel processes are set, the faster the import process goes, but the higher the load on the server is.

The performance of one-time imports:

The same options can be enabled for non-regular imports separately. Navigate to **Stores** \rightarrow Configuration \rightarrow Amasty Extensions \rightarrow Import.

Multi-Process Import

Enable Multi-Process Import [global]	Yes	•	?
Number of Parallels Processes [global]	4		?

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_import_debug.log.
Process Status Check Mode [global]	System Process ID
	System Process ID
	Statuses
Max File Size Upload (MB) [global]	2
	Specify the maximum allowed size for the import file in MB.
Enable Import without Memory Limit [global]	Yes 🔻
	Enable this setting if import process terminates because of the memory limit exceed.

The import performance settings exclusively include the Max File Size Upload (MB) option in the Advanced tab.

Max File Size Upload (MB) - specify the maximum allowed size (in MB) for the import file. This setting applies to both one-time imports and import profiles.

The Max File Size Upload (MB) setting manages file size restrictions within the extension. However,

the allowed file size may also be restricted by PHP (upload_max_filesize) or server (client_max_body_size) settings. If the file size limit in the server or PHP settings is lower than the value set in **Max File Size Upload (MB)**, an error will occur. To prevent conflicts, you may need to adjust the file size limits in PHP and server settings accordingly.

The **Max File Size Upload (MB)** setting is available only as a part of an active product subscription or support subscription. You can find the **amasty/module-import-subscription-functionality** package for installation in composer suggest.

As for the export settings, you can also change the PHP path for the import.

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.

Export Profiles Configuration

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 **Amasty Export** \rightarrow **Export Orders/Products/Customers**.

Exp	oort Pr	rofiles					Q 1	admin 👻
	Add New Profile						ofile	
Action	15 🔻	4 records found			▼ Filters	Oefault View ▼	Col	umns •
	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
	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 setup steps.

We will describe the settings based on the Export Orders example, but you can check specific manuals for each particular entity to find the cases and configuration samples.

- → Export Orders User Guide
- → Export Products User Guide
- → Export Customers User Guide

General Configuration

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

11/144

New Profile

← Back Delete Res	set Save and Generate	Save and Continue Edit	Save
PROFILE SET UP STEPS	General Configur	ation	
General Configuration	Profile Name *	Daily Sales Report	
Output Options	Export Only New Entities	Ves 🕐	
File Settings	Batch Size	500	
Fields Configuration	Actions With Ord	Use Default Value	
Export Filters	Actions with ord		
Automatic Export			
Alert Notifications			
Export History			

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

Generate

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

Continue Edit

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.

<u>a</u>masty

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 Email, provide:

- Email Sender
- Email Recipients
- Email 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 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

Import Products		

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 P	rodu	icts			
Settings	Perr	missions	Branding	Analytics	
Individual Scopes		Individu View Do	ual scopes incl ocumentation	lude the abi	lity to view and manage a user's files and folders.
		Accour Permiss	nt Info ions that allow	your app to	view and manage Dropbox account info
		account_info.write		Vie acc	w and edit basic information about your Dropbox ount such as your profile photo
		accour	nt_info.read	Vie su	w basic information about your Dropbox account h as your username, email, and country
		Files a Permiss	nd folders ions that allow	your app to	view and manage files and folders
		🗆 files.m	etadata.write	Vie an	w and edit information about your Dropbox files d folders
		□ files.m	etadata.read	Vie	w information about your Dropbox files and folders
		□ files.co	ontent.write	Ed	t content of your Dropbox files and folders
		□ files.co	ontent.read	Vie	w content of your Dropbox files and folders

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

account_info.write	View and edit basic information about your Dropbo account such as your profile photo
account_info.read	View basic information about your Dropbox accoun such as your username, email, and country
Files and folders Permissions that allow you	ur 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 you	ur 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	a Dropbox app						
1 Configu Name yo	 Configure app settings Name your app and choose initial settings. 						
2 Select a Choose starting	the access scopes, small and adding n	or specific permis nore permissions	sions, that your later if you nee				
Add branding Give your users important information about your Dropbox app. Should comply with the Dropbox developer branding guide. Cet started							

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

OAuth 2	Redirect URIs	
	https:// (http allowed for localhost)	Add
	Allow public clients (Implicit Grant & PKCE) 📀	
	Allow -	
	Generated access token 👩	
	Generate	
	Access token expiration 🕧	
	Short-lived -	

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

Export File Storage Store Exported File On No Server Store Exported File on Yes Dropbox 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.



2025/05/07 14:35

21/144

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:

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

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

2025/05/07 14:35 23/144 Guide for Import and Export for Magento 2 **Google Cloud Platform** ≡ 🐌 Export 👻 Q >-APIs & Services Credentials + CREATE CREDENTIALS DELETE Google Drive API OAuth client ID 5 Overview Gredentials con Requests user consent so your app can access the us 釽 Metrics To view all credentials v Service account Enables server-to-server, app-level authentication usin Quotas Remember t Δ Help me choose CONFIGUE 0-Credentials Asks a few questions to help you decide which type o ٩ Drive UI Integration OAuth 2.0 Client IDs \square Name Creation date 🔸 Туре Cli No OAuth clients to display

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.

2025/05/07 14:35	25/144		Guide for Import and Export for Magento 2
Service accounts	+ CREATE SERVICE ACCOUNT	TELETE	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.

금 Filt	ter Enter property name or value				6	
	Email	Status	Name 🛧	Descriptio	n Key ID	Actions
	■ export-example@export- 318409.iam.gserviceaccount.com	0	export- example	export file from Ma	es No	:
4					Manage details	
					Manage permis	sions
					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 $\ensuremath{\textbf{Details}}$ tab and copy the email.

🗧 Export 🤜			Q Sear	ch products and res	sources	
🔶 ехро	ort-example					
DETAILS	PERMISSIONS	KEYS	METRICS	LOGS		
Service a	account details	5				
Name export-exar	nple			SAVE		
Description export files	from Magento			SAVE		
Email						
export-examp	ple@export-318409.ian	n.gserviceacc	ount.com			
Unique ID						
1121440530						

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

A Drive	Q Search in Drive
Folder	
File upload	
Folder upload	
Google Docs	>
+ Google Sheets	>
Google Slides	>
Google Forms	>
More	>
Storage low click Share and insert the er	mail that you've copied. Click Done . Die and groups
export-example@export-3184	109.iam.gserviceaccount.com
export-example@e export-example@e	export-318409.iam.gserviceaccount.com export-318409.iam.gserviceaccount.com
Send feedback to Google	Done

amasty

👳 Get link

Restricted Only people added can open with this link Share with Amasty.com

Copy link

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 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

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

Last update: 2025/04/30 13:10

File Settings					
File Type	CSV 💌				
Add Header Row	Yes				
Merge Rows into One	No 🕐				
	Data from multiple rows will be merged into one cell, if enabled.				
Duplicate 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.				
Field Enclosure Character	н				
	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.

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	:
3	complete	processing	1	2040	simple	١
3	complete	processing	1	2041	simple	١

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 an **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	<2vml version="1.0"2>			
lieduei	<items></items>			
	11			
Footer				
	1			
Xsl Template	1 xml version="1.0" encoding="UIF-8"?			
	2 <xs1:stylesneet version="1.0" xmins:xs1="n</th"></xs1:stylesneet>			
	3 <xsl:output <="" method="xml" th="" version="1.0"></xsl:output>			
	4 <xsl:template match="items"></xsl:template>			
	5 <xs1:element name="offers" namespa<="" th=""></xs1:element>			
	6 <xs1:attribute name="version"></xs1:attribute>			
	/ <xs1:element name="group"></xs1:element>			
	8 <xs1:attribute name="name</th"></xs1:attribute>			
	9 <xs1:for-each select="item</th"></xs1:for-each>			
	10 <xs1:element name="ite</th"></xs1:element>			
	11 Kxs1:attribute nam			
	12 Kxs1:attribute nam			
	13 KXSI:attribute nam			
	14 <xs1:attribute nam<="" th=""></xs1:attribute>			



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`, `{ 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 export ('sku').

Order (root entity) 💉 🕜			
Use	e Custom Entity Key	No 🕜	
	Entity Key Delimiter .	3	
Add Fields			
 Order Item Add Fields Delet 	Enabled te Table	Yes	
Field Name		Field Name in Export File	
sku			
Add Static Field			

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

<u>a</u>masty

(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'.
2025/05/07 14:35	37/144	G	uide for Import and Export for Magento 2
	🔿 Shipment 📝		
	Enabled 🚺 Ye	es	
	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.

Keep in mind, that each export extension has a specific set of entities.

See how the tree-structures file is built:

		Back	Delete	Reset	Save and Generate	Save and Continue Edit	Save
Fields Configuration							
Order (root entity) 🛛 🕢				k			
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	Ves ?	
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.

	Ac	ld Order Fields	×
			Add Selected Fields
		Search	Search
PF		entity_id	Add
G		state	Add
		status	Add
С		customer_id	Add
F		customer_group_id	Add
F		customer_is_guest	Add
Ľ		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.

2025/05/07 14:35	41/144	Guide for Import and Exp	port for Magento 2
Order (root entity)	× 🕜		\odot
Use Custom Entity Key	Ves 🕐		
Custom Entity Key	order	?	
Entity Key Delimiter	/	?	
Add Fields Delete	e Table		
Modifier	Field Name	Field Name in Export File	Action
Add Modifie	r 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}		
	updated_at	¥	Î
	Insert]

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

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

k

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.

2025/05/07 14:35	43/144	Guide for Import and E	Export for Magento 2
Order (root entity) 🧳	Ø		\odot
Use Custom Entity Key	y 🌔 Yes 🕐		
Custom Entity Key	y order	0	
Entity Key Delimite	r /	•	
Add Fields Delete	e Table		
Modifier	Field Name	Field Name in Export File	Action
Add Modifier	store_id	store	ŵ
Add Static Field	Add Merged Field		
\odot Customer			
\odot Amasty Order	r Attribute		
Order Item	/		
Ena	abled 🕖 No		
🗇 Order Grid 🕠	/		
Ena	abled 🕥 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	Ves
Custom Entity Key	sales_order_item
Add Fields Delete Tal	ble

Modifier	Field Name	Field Name in Export File	Action
Add Modifier	product_type		1
Add Modifier	sku		†
Add Modifier	name		Î
Add Static Field A	dd Merged Field Reservation 🧪		
⊖ Order Item Att	ribute		
⊖ Order Item Cu	stom Option		
⊙ Gift Message			

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.

2025/05/07 14:35	45/144	Guide for Import and Expo	rt for Magento 2
🗇 Order Item 🖌			
Enab	oled 💽 Yes		
Add Fields			
🔿 MSI Invent	ory Reservation 📝		
	Enabled 🚺 Yes		
Add Fields	Delete Table		
Modifi	er Field Name	Field Name in Export File	Action
# Ado	d Modifier reservation_id		Î
₿ Ado	d Modifier sku		1
₽ Ado	d Modifier quantity		Î
Ado	d Modifier metadata		†
Add 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 Source	e 🖊			
Enabled	Ves Yes			
Custom Entity Key	inventory_source			
Add Fields				
⊙ Inventory S	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.

manufacturer

	← Back	Delete Attribute	Reset	Save and Conti	nue Edit	Save Attribute
ATTRIBUTE INFORMATION		Order Export				
Properties 🖌		Add to Options	Yes 💌			and in the and a
Manage Labels			export.	to add this attribute to t	the list of opti	ons in the order
Storefront Propert	ties					
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 the manufacture attribute in the **Fields configuration** tab of the export profile (**Order Item** \rightarrow **Order Item Attribute** section).

	Add Order Item Attribute Fields					
←	Add Se	lected 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.

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

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

2025/05/07 14:35

49/144



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.

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 the 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.

<u>a</u>masty

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.

2025/05/07 14:35	53/144			Guide for Import and Expor	t for Magento 2
Export Filters					
Order 💉					\odot
Add Filter					
Field For Filtering	Filter Condition	Filter After Modifier Applied	0	Value	
status	İS 💌	No No		Pending Pending Payment Pending PayPal Processing	Î

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

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.

Guide for Import and Export for Magento 2

amasty

Export	Filters	

Order 🖌					0
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

tomatic Export					
Run Profile by Cron	Yes	s 🕜			
Frequency	Every M	onday at 4	am		•
Schedule	0	4	*	*	1
	Minutes	Hours	Days	Month	Days Of
					Week
Run Profile by Event	Yes	s 🕐			Week
Run Profile by Event Export Event	Order Co	s 🕐	ent: sales_	order_place	Week
Run Profile by Event Export Event	Order Ci Invoice (s 🕐 reation (Ev Creation (E	ent: sales_	order_place	Week e_after) pice_save_
Run Profile by Event Export Event	Order Cr Invoice C Shipmer	s ? reation (Ev Creation (E nt Creation	ent: sales_ event: sales) (Event: sa	order_place s_order_inve les_order_s	Week e_after) pice_save_ shipment_
Run Profile by Event Export Event	Order Co Invoice C Shipmer Credit M	s ? reation (Ev Creation (E nt Creation Aemo Creat	ent: sales_ event: sales n (Event: sa tion (Event	order_place s_order_inve les_order_s :: sales_orde	Week e_after) pice_save_ shipment_ er_creditm

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.

For **Export Products** and **Export Customers**, you will find other events, e.g. for customer entity the "customer registration" event is available, while for products a profile can be executed by the "product save" event.

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	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.

2025/05/07 14:35		59/144	Guide for Import and Export for Magento 2					
Export History	/							
			T Filter	-s O	Default	View 🗸 🌣	Columns 👻	
Actio 2 records found 20 per page (1 of 1					of 1 >			
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 exports (one-time, cron jobs, and profiles) of all entities (not only orders but also products and customers) in one place. Navigate to **System** \rightarrow **Amasty Export** \rightarrow **Export History**. See the statues and check the details to get a full picture.

Last update: 2025/04/30 13:10

Ехро	rt Histo	ry						1	demouser 🔻
								Clear H	istory
▼ Filters ● Default View ▼ ♦ Column								Columns 🔻	
Action	ns 🔹	34 recor	ds found		20	• p	er page 🛛 🔨	2	of 2 >
×	History ID	Export Entry ↓ ID	Export Entry Name	Exported At	Status	Log	Records Proceed/Total	Exported File	Entity
	17	3	Daily Sales Report	Oct 23, 2020 2:22:42 PM	SUCCESS	Show Log	3/3	Download	Export Orders
	19	3	New Customers Daily Report	Oct 23, 2020 2:36:46 PM	SUCCESS	Show Log	2/2	Download	Export Customers
	33	3	Low Stock Products	Sep 23, 2021 2:47:04 PM	SUCCESS	Show Log	150/150	Download	Export Products
	34	3	Low Stock Products	Sep 23, 2021 2:47:26 PM	SUCCESS	Show Log	150/150	Download	Export Products
	14	4	Marketplace Products	Oct 23, 2020 1:31:37 PM	SUCCESS	Show Log	2038/2038	Download	Export Products
	22	4	Marketplace Products	Oct 23, 2020 4:20:12 PM	SUCCESS	Show Log	135/135	Download	Cron

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

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

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.

2025/05/07 14:35	5	61/144		Guide for Import	and Export for	Magento
3rd Party L	inks				💄 den	nouser 🔻
				Add Nev	w Connecti	on
			T Filters	Default View	• 🌣 Col	umns 👻
Actions	• 5 recor	rds found	20 •	per page <	1 of 1	>
V ID 1	Connection Name	Table to Join	Base Table Key	Referenced Table Key	Export Type	Action
1	Amazon Customers	pref_amazon_customer	amazon_id	customer_id	Export Customers	Edit
2	Amazon Integration	pref_amazon_pending_authorization	entity_id	order_id	Export Orders	Edit
3	Wishlists	pref_wishlist	customer_id	customer_id	Export Orders	Edit
4	Analytics	pref_admin_analytics_usage_version_log	updated_in	last_viewed_in_version	Export Products	Edit

option_id

stock_name

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

pref_cataloginventory_stock

Custom

Stock Status

5

2

Export

Products

Edit

0

•

New 3rd Party Link			👤 demouser 🔻
	← Back	Save and Continue Edit	Save
Field Mapping			
Name *	RMA Integration		
Export Type *	Export Orders Select an entity for 3-rd party connection.		
Table to Join *	pref_magento_rma	• 😧	
Parent Entity *	Order	•	
Referenced Table Key *	order_id	- 😧	

Name - specify the connection title for internal usage.

Base Table Key *

Export Type - select the entity for 3-rd party connection (Export Orders, Export Customers, or Export Products).

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

entity_id

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.

Import Profiles Configuration

We will describe the settings based on the Import Orders example, but you can check specific manuals for each particular entity to find the specifications and configuration samples.

→ Import Orders User Guide

→ Import Products User Guide

→ Import Customers User Guide

Struggling with the import setup?

Check out the Useful Tips and Popular Import Use Cases section of this guide for valuable insights to help you get started with import tasks and complete them with confidence.

The extended order import functionality allows you to create flexible profiles for import and execute it on regular basis. To view all the profiles, proceed to **System** \rightarrow **Amasty Import** \rightarrow **Import Orders**.

Imp	ort Pro	files				Q 1	admin 🔻
						Add New Pro	ofile
					Y Filters	Default View 👻 🔅 Coli	umns 🔻
Action	IS 🔻	3 records found			20 🔹 per page	< 1 of 1	>
	Profile ID	Profile Name	File Format	Execution Type	Last Run	Last Update	Action
	Profile J ID J	Profile Name eBay	File Format XML	Execution Type Manual	Last Run Mar 25, 2021 3:58:14 PM	Last Update Mar 26, 2021 9:16:00 AM	Action Edit
	Profile ↓ 1 2	Profile Name eBay Amazon	File Format XML CSV	Execution Type Manual Cron	Last Run Mar 25, 2021 3:58:14 PM Mar 25, 2021 1:18:32 PM	Last Update Mar 26, 2021 9:16:00 AM Mar 25, 2021 1:43:50 PM	Action Edit Edit

Here you can see all existing profiles, their IDs, names, file formats, execution types and the dates of the last run/update.

Sample Files

To avoid mistakes and complete configuration faster, you can use sample files.



To download it, fill in the required fields for profile creation (such as Name, Import Source, etc.). If you have no fields added yet, the file will include all possible data. If you want to generate a specific sample file, proceed to the Fields Configuration first so that the generator could compose a relevant file including only those fields that you've added.

Use Default Value



General Configuration

File Settings

2025/05/07 14:35	65/144			Guide for	Import and Export	for Magento 2
New Profile					2	demouser 🔻
← Back	Download Samp	le File	Reset	Save and C	ontinue Edit	Save
PROFILE SET UP STEPS	General Configu	ration 🧳	/			0
General Configuration	Profile Name *	Amazon				
Import Source	Batch Size	500				
File Settings		Use De	efault Value			
Import Settings	Actions with Orc	lers Afte	r Importir	ng 🗡		\odot
Fields Configuration	Change Processed Orders Status To	Complete	e	•		
Import Filters	Notify Customer about Orders Status Change	No No				
Automatic Import	Change Only New	◯ No				
Alert Notifications	Invoice Order After	No	0			
	Ship Order After	No	?			
	Create Credit Memo After Importing	No	0			
	Cancel Order After Importing	No	0			

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

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.

Actions With Orders After Importing

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

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

Change Only New Orders Status - if enabled, the action will only apply to new orders that were created during the import process and not affect the orders that were just updated.

Actions that can be applied to order documentation:

- Invoice Order After Importing
- Ship Order After Importing
- Create Credit Memo After Importing
- Cancel Order After Importing

All these actions can also be applied to newly-created orders only. Additionally, you can send automatic notifications to customers.

Invoice Order After Importing	(es 🕜
Invoice Only New Orders	Ves
Notify Customer about Invoice	Yes

File Settings

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

2025/05/07 14:35	67/144	Guide for Import and Export for Magento 2
PROFILE SET UP STEPS	File Settings	
General Configuration	Import File Type 🔺	Please Select 🔻
Import Source		Please Select CSV XML
File Settings		JSON ODS XLSX
Import Settings		
Fields Configuration		
Import Filters		
Automatic Import		
Alert Notifications		

The following formats are available:

- CSV
- XML
- JSON
- ODS
- XLSX

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

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

Rows Merged into One - enable this option if the rows in the import files are merged.

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

- Merged Rows Data Delimiter
- Field Delimiter
- Field Enclosure Character

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

- Header
- Items Container Name
- Footer

For a **XML** file specify the path to the node in the **Data XPath** field, e.g. if you have <*items><item>1</item>2</item></items>*, the path will be *items/item*.

XSLT Editor

The extension includes an XSLT editor so that you could import 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 import such files since it is impossible to match the attributes with the custom names properly. XSLT (Extensible Stylesheet Language Transformations) helps to interpret the document, match the values in the file with the Magento database and import data correctly.

Find out how the XSLT works in this tutorial.

Before importing a custom XML file, review the formatting 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-import.zip

Þ

2025/05/07 14:35	69/	144	Guide for Import and Export for Magento
File Setti	ngs		
	Import File Type	* XI	ML
	Data XPath	* ite Spe	ems/item cify the path to the node, e.g. items/item.
	Xsl Template		<pre>1 <?xml version="1.0" encoding="UTF-8"?> 2 <xsl:stylesheet encod<="" pre="" version="1.0" xml"="" xmlns:xsl="http:// 3 <xsl:output method="></xsl:stylesheet></pre>
		2 5 6	<pre>4 <xsl:template match="group"> 5 <xsl:element name="items"> 6 <xsl:for-each select="item"> </xsl:for-each></xsl:element></xsl:template></pre>
		2	<pre>7 <xsl:element name="item"> 8 <xsl:element item"<="" name="catalog_p 9 <xsl:element name=" pre=""></xsl:element></xsl:element></pre>
		10 11 12	<pre>0 <xsl:element 4="" <xsl:value-of="" _<="" name="p 1</td></tr><tr><td></td><td></td><td>13
14</td><td><pre>3 <xsl:element name=" pre="" se="" w=""></xsl:element></pre>

15 16 4

We've chosen a CSV format.

Fi	e Settings	
	e bettingb	

Import File Type *	CSV 💌
	Download Sample File
Rows Merged into One	No
	Please enable the setting if you have data from multiple rows merged into one cell.
Field Delimiter	,
	The character that delimits each field of the rows.
Field Enclosure Character	п
	The character that encloses each field of the rows.

You can download sample files for the appropriate file formation.

Import Source

Now choose a suitable import source.

PROFILE SET UP STEPS	Import Source		
General Configuration			
Import Source 📝	Import Source *	Please Select Please Select	-
File Settings		Local Directory File Upload FTP	
Import Settings		SFTP URL Google Sheets	
Fields Configuration		REST API Endpoint Dropbox Google Drive	
Import Filters			
Automatic Import			
Alert Notifications			
Import History			

Available sources:

- Local Directory
- File Upload
- FTP
- SFTP
- URL
- Google Sheets
- REST API Endpoint
- Dropbox

For **Local Directory** specify a *File Path* relative to Magento installation (e.g. var/import/import.csv).

For **File Upload** select the file to import. Make sure your file isn't more than 2M and it is saved in UTF-8 encoding for proper import.

If you want to use **FTP / SFTP** for import, 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*.

For **URL** source, apart from the URL itself, provide *Basic Authentication Username* and *Password*.

The document should be opened by a direct URL, and the URL should contain the file format, e.g. https://example/download?id=19&file=-1.xml (here we use XML format). It is necessary since in Google Cloud the link to the file is used without an extension, and the Import Orders extension can't validate it. Thus, you need to add the format. Additionally, if the access is shared for all users, then the username and password fields are not required. If only certain users can see the file, then you need to enter their credentials for access.

For Google Sheets specify the required URL.

When using Google Sheets (you can import a file of different formats there), you need to specify the required format and specify the same format when importing. The link to the doc should be shared with everyone.

For **REST API Endpoint** provide the endpoint (e.g.

https://magento.instance/rest/all/V1/some/endpoint) and choose the required authentication method.

How it works

The extension provides an option to customize the import source but does not have its own API. When the import button is pressed, the module uses Rest API Endpoint (the specified URL with the specified authorization type) to receive a JSON file that will be imported into Magento. You can use another Magento instance or any other API as an import source.

Keep in mind that only CSV и XML file types can be used when importing with REST API Endpoint.

Dropbox Configuration

To import using 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.

Create apps

Or click here to view documentation

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

Import Products		

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 P	mport Products						
Settings	Settings Permissions		Branding	Analytics			
Individual So	copes	Individual scopes include the ability to view and manage a user's files and folders. View Documentation					
		Accou Permiss	nt Info ions that allow	your app to	view and manage Dropbox account info		
		account_info.write		Vie act	w and edit basic information about your Dropbox count such as your profile photo		
🖾 accour		nt_info.read	Vie Su	w basic information about your Dropbox account h as your username, email, and country			
		Files and folders Permissions that allow your app to view and manage files and folders					
		🗆 files.m	netadata.write	Vie an	w and edit information about your Dropbox files d folders		
		□ files.m	netadata.read	Vie	w information about your Dropbox files and folders		
		□ files.co	ontent.write	Ed	t content of your Dropbox files and folders		
		□ files.co	ontent.read	Vie	w content of your Dropbox files and folders		

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

account_info.write	View and edit basic information about your Dropbo account such as your profile photo
account_info.read	View basic information about your Dropbox accoun such as your username, email, and country
Files and folders Permissions that allow you	ur 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
✓ files.content.read	View content of your Dropbox files and folders
Collaboration Permissions that allow you	ur 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

Creating a Dropbox	арр	
1 Configure app settin Name your app and	ngs choose initial settings.	
2 Select access scopes Choose the access so starting small and ad	s copes, or specific perm Iding more permission	nissions, that your ns later if you nee
Add branding Give your users impo guide. Get started	ortant information abo	out your Dropbox

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.

Import Source

Import Source	*	Dropbox	•	
Generated Access Token	*	•••••	•••••	
		Please follow the instructions from the user guid generate access token.	de to	$\overline{}$
File Path				
		Specify the import file path on Dropbox, e.g. import/import_file.csv		
Images File Directory				
		Use relative path to Magento installation, e.g. var/import.		

Google Drive Configuration

To set the integration with Google Drive, you need a specific API key. To get the key and configure this import source 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.



2025/05/07 14:35

79/144

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:

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

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

2025/05/07 14:35 81/144 Guide for Import and Export for Magento 2 **Google Cloud Platform** ≡ 🐌 Export 👻 Q >-APIs & Services Credentials + CREATE CREDENTIALS DELETE Google Drive API OAuth client ID 5 Overview Gredentials con Requests user consent so your app can access the us 釽 Metrics To view all credentials v Service account Enables server-to-server, app-level authentication usin Quotas Remember t Δ Help me choose CONFIGUE 0-Credentials Asks a few questions to help you decide which type o ٩ Drive UI Integration OAuth 2.0 Client IDs \square Name Creation date 🔸 Туре Cli No OAuth clients to display

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.

2025/05/07 14:35	83/144		Guide for Import and Export for Magento 2
Service accounts	+ CREATE SERVICE ACCOUNT	TELETE	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.

Ξ Fil	ter Enter property name or value				0	ш
	Email	Status	Name 🕇	Description	Key ID	Actions
	·ॼ export-example@export- 318409.iam.gserviceaccount.com	9	export- example	export file from Ma	s No	:
•					Manage details	
					Manage permissions	
				-	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 $\ensuremath{\textbf{Details}}$ tab and copy the email.

85/144

2025/05/07 14:35

💲 Export 🤜			Q Sear	rch products and res	ources
🔶 ехро	ort-example				
DETAILS	PERMISSIONS	KEYS	METRICS	LOGS	
Service a	account details	;			
Name export-exan	nple			SAVE	
Description export files	from Magento			SAVE	
Email					
export-examp	ple@export-318409.ian	n.gserviceacc	ount.com		
Unique ID					
1121440530					

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

A Drive	Q Search in Drive
Folder	
File upload	
Folder upload	
Google Docs	>
+ Google Sheets	>
Google Slides	>
Google Forms	>
More	>
Storage low click Share and insert the er	mail that you've copied. Click Done . Die and groups
export-example@export-3184	109.iam.gserviceaccount.com
export-example@e export-example@e	export-318409.iam.gserviceaccount.com export-318409.iam.gserviceaccount.com
Send feedback to Google	Done

amasty

👳 Get link

Restricted Only people added can open with this link Share with Amasty.com

Copy link

13. Return to the admin panel. Upload a JSON file, provide the path to the created folder and file title.

Import Source

Import Source *	Google Drive 🔹
Upload Service Ac- count Key File *	Select the File
	KRt6zu1VMZXXP7CG
	Please follow the instructions from the user guide to create a service account key.
File Path *	import-test/import_file.csv
	Specify the import file path on Google Drive, e.g. import/import_file.csv

The configuration is ready. Run import profile and check the result.

As we already have a CSV file to import, we've chosen the File Upload option.

Import Source		
Import Source *	File Upload	•
Select File To Import *	Select the File Make sure your file isn't more than 2M and it is saved i	in UTF-
	8 encoding for proper import.	

Import Settings

In this tab, you can adjust import behavior.

PROFILE SET UP STEPS	Import Settings		
General Configuration	Import Behavior * Please Sele	ct 🔻	
Import Source	Enable Autofill for Typical Use Cases No		
File Settings	Order Identifier Order Entit	v ID	
Import Settings			
Fields Configuration	Validation Strategy * Skip Error I	Entries 🔻	
Import Filters	Allowed Errors Count 10 Please specify	number of errors to halt import	
Automatic Import	process.		
Alert Notifications	Customer Mode Guest Orde	er If Customer Doesn 💌	
Import History			

Import Behavior - choose a suitable behavior for import:

• Add/Update - in this case, the extension compares order IDs from the import file and the

already existing orders in the Magento instance. If an order ID is unique and doesn't exist in Magento, a new order will be created. If an order with the same ID exists, the extension just changes/adds the data specified in the import file.

- **Only Add** the extension imports orders with new IDs and skips the already existing ones.
- **Only Update** the extension updates the information in the existing orders and skips not existing ones.
- **Delete** the extension deletes the orders specified in the import file from Magento.

Enable Autofill for Typical Use Cases - if enabled, Fields Configuration will be automatically filled in with the settings to perform the typical use cases for importing orders from third-party systems. The setting can be used only during new profile creation.

Each behavior has a specific pull of the required fields, e.g. if you *add* new orders, your import file must contain more columns than in the *update* behavior.

The required data for *add* behavior: **Order, Order Item, Payment, Shipping Address, Billing Address**.

Please, enable the autofill option to avoid errors during import and map fields properly.

Order Identifier - choose *Order Entity ID* or *Order Increment ID* as an identifier.

Order Entity ID is the ordinal number in the database provided by Magento. **Order Increment ID** is used for Order purpose and order fetching/display information of a specific order based on the increment id.

Validation Strategy - you can either stop the import process if any error appears (*Stop On Error* option) or skip invalid data and continue importing (*Skip Error Entries* option).

Please, note that if you *Skip Error Entries* and some configuration issues exist, the extension will complete the import with a 'Success' status, but 0 orders will be imported.



If you choose Stop on Errors option, the status will be 'Failed'.



When importing products, if errors occur with images, the import process will proceed without interruptions, provided the *Skip Error Entries* option is selected.

Allowed Errors Count - specify the number of errors to halt the import process.

Customer Mode - select the strategy to deal with customers:

- **Guest Order If Customer Doesn't Exist** if a customer is not registered in the Magento store, the orders will be imported as if a guest customer has placed them. If the extension finds the specified customer in Magento, the order will be assigned to this customer.
- All Orders as Guest Orders in this case, all imported orders will be placed as if guest customers have placed them.
- Create Customer If Customer Doesn't Exist if a customer is not registered, the extension will create this customer using the data from the import file and assign the order to the newly-created customer.

As we want to import orders from Amazon for the first time, we've selected the **Only Add** import behavior and a **Guest Order If Customer Doesn't Exist strategy**.

Fields Configuration

In this tab, you need to choose the required entities and map fields. If you enabled the **Autofill for Typical Use Cases** option previously, the required fields will be automatically added and you can proceed to mapping. If the option was not enabled, you need to add the entities and fields manually.

Please, attentively check all the fields before importing. Otherwise, the extension won't be able to match the columns and will display an error.

The functionality has a tree structure. Thus, you can add any entity, any field within a particular entity, customize entity keys/field names/delimiters and so on to match the requirements of the import.

See how the tree-structure configuration is created:

 \times

entity_id	state	status	customer_id	customer_group_id	is_virtual	store_id	base_grand_total	base_shipping_amount	base_subtotal	ba
1	processing	processing	1	1	0	1	36.3900	5.0000	29.0000	2.3
2	closed	closed	1	1	0	1	39.6400	5.0000	32.0000	2.6

k

Below you can see all available for importing entities:

Order (root entity) 🕜		\odot
Use Custom Entity Key 🕖 No 🕜		
Custom Entity Key	•	
Entity Key Delimiter .		
Map Fields		
⊙ Order Item		
⊙ Order Invoice		
⊙ Order Payment		
⊙ Order Shipment		
⊙ Order Tax		
⊙ Order Shipping Address		
⊙ Order Billing Address		
\odot Order Credit Memo		
⊙ Order Notes		
⊙ Order Gift Message		

The **MSI Inventory Reservation** subentity, integrated into the **Order Item** entity, ensures that the imported product quantity is reserved after an order import (if the fields of this subentity are properly mapped). After creating a shipment for such an order, the product quantity will decrease accordingly.

2025/05/07 14:35	93/144		Guide for Import and E	xport for Magento 2
Order Item / Enabled	Yes			
Custom Entity Key	sales_order_item]	
Map Fields				
⊙ Order Item 0	iift Message			
🔿 MSI Inventor	y Reservation 📝			
Ena	abled 🌔 Yes			
Custom Entit	y Key inventory_rese	rvation		
Map Fields	Delete Table			
Modifier	Magento Field	Import File Field	Default Value	Action
Add Modifier	reservation_id			1
Add Modifier	stock_id			-
Add Modifier	sku			Î
Add Modifier	quantity			-
Add Modifier	metadata			-

Apart from adding required entities and fields, you need to map all required fields and additional fields that you want to import from the file.

Let's see how to configure the mapping.

First of all, open your import file and check how it is configured. Pay attention to column names and delimiters.

ield	s				
Col	umn type:	\sim			
	Standard	Standard	Standard	Standard	^
1	amazon/entity_id	amazon/state	amazon/status	amazon/customer_id	Í
2	1	complete	holded	1	
3	2	closed	holded	1	
4	8	complete	complete	1	
5	9	complete	complete	1	
6	10	complete	pending	1	
7	11	complete	complete	1	
	,				
					\sim
<				>	

As we see, in our file all columns have a custom entity key - amazon.

_	A	В		D	E	ſ
1	amazon/entity_id	amazon/ <mark>s</mark> tate	amazon/status	amazon/customer_id	amazon/customer_group_id	ć
2	1	complete	holded	1	1	
3	2	closed	holded	1	. 1	
4	8	complete	complete	1	1	
5	9	complete	complete	1	. 1	
6	10	complete	pending	1		
7	11	complete	complete	1	1	

In this case, we need to provide the same entity key in the fields configuration.

Fields Configuration

Order 🗡 🕜		
Custom Entity Key is Used	Yes ?	
Custom Entity Key	amazon	•
Entity Key Delimiter		?
Map Fields Delete	Table	

Then we check the delimiters. In our file we have a slash as the delimiter:

	Α	В	C	D	E
1	amazon/entity_id	amazon/state	amazon/status	amazon/customer_id	amazon/customer_group_id
2	1	complete	holded	1	1
3	2	closed	holded	1	1

Thus, we need to specify the same delimiter in the configuration:

Fields Configuration

Order 🖌 🕜		
Custom Entity Key is Used	Yes ?	
Custom Entity Key	amazon	•
Entity Key Delimiter	1	•
Map Fields Delete Ta	able	

If ready, proceed to column names.

In the configuration, we see that the **entity_id**, **state** and **status** are the required fields (as they were autofilled).

Map Fields Delete Table		
Magento Field	Import File Field	Default Value
entity_id		
state		
status		

Now we check if we have the same columns in our import file.

	А	В	С	D	E
1	amazon/entity	amazon/state	amazon/status-label	amazon/customer_id	amazon/customer_grou
2	1	complete	holded	1	
3	2	closed	holded	1	

Here we see that the columns are present, but they have a different column name, e.g. instead of **entity_id** we have just **entity**. In this case, we should match the title from the import file with the title in Magento.

Magento Field	Import File Field	Default Value
entity_id	entiy	Ĩ
state		Ĩ
status	status-label	Ĩ

If the titles are identical (as we have for the **state** column), just leave the **Import File Field** empty.

If you check all fields and see that some of the required ones are absent in the import file, set the **Default Value**. For example, Magento requires **store_id** column, but we don't have this one in our file as Amazon doesn't have this parameter. In this case, we can just provide the required ID in the Default Value field (e.g. 1).

Magento Field	Import File Field	Default Value
store_id		1

This way, you need to check all fields and map the titles so that the extension could import orders properly. Add any entities and provide custom entity keys if needed.

🔿 Order Tax 🖌	
Enabled	Yes
Custom Entity Key	tax
Map Fields	

To add the fields, click Map Fields and choose the necessary ones in the modal window. Use the search field to speed up configuration.

 \times

Map Selected Fields

Search	Search
tax_id	Мар
order_id	Мар
code	Мар
title	Мар
percent	Map
amount	Мар
priority	Мар
position	Мар
base_amount	Map
process	Мар
base_real_amount	Мар

When the configuration is ready, upload the file in the **Import Source** tab. Click **Save and Continue Edit**.





WXKul3dnYAbBech1I...

Now you can **Validate** the file.

Delete	Reset	Save & Validate	Save & Import	Save and Continue Edit
Impo	rt Source		\mathbf{X}	

The extension will display validation progress and results in a popup window.

2025/05/07 14:3	35 101/144		Guide for Import and Ex	port for Magento 2
M	WARNING! Add	nin mode. All changes will be app	lied on all sessions	Edit lutor
Ger	step 1	Step 2	3 Validation Finished	× 1
0	The data is being read.			
0	The data is being mapped.			
0	The data is being validated.			

If the configuration was incorrect, you will see an error.



In case of successful validation, you can start the import.

Modify Values Before Import

Now you can use modifiers to change the values specified in a file before importing. 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	Magento Field	Import File Field	Default Value	Action
Add Modifier	state			Ť
	Uppercase 🗸			Ŵ
Add Modifier	subtotal			
	Round To 🗸	1		
Add Modifier	customer_lastname			
	Capitalize 🗸			
Add Modifier	created_at			
	Date Format 🗸	d/m/Y		

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

Modifier	Magento Field		Import File Field	Default Value
Add Modifier	state			
	Uppercase Please Select	v		
Add Modifier	Text Modifiers Append Prepend Trim			
	Uppercase Lower Case Capitalize		1	
Add Modifier	Strip Html Tags Replace Full Match Replace			
	Replace First Numeric Modifiers Absolute Value Round To Plus	l		
Add Modifier	Minus Multiplied By Divided By Date Format	+ +	d/m/Y	

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.

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

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

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

Capitalize - After selecting this modifier, the value in the column 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 importing 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.

Numeric Modifiers

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.

Custom Modifiers

In most cases, custom modifiers replace the output of the value of one field with the value of another. For example, *Option Label to Option Value*: instead of *label*, the *value* will be imported. Or, for instance, *Status Code for Status ID*: instead of *code*, the *id* will be imported.

Moreover, in some import cases (for some EAV attributes), you can use the *Create New Attribute Value* modifier. This modifier allows you to import specific attribute values, even if they are not currently present in the system, automatically generating them after import.

Please note that the *Create New Attribute Value* modifier can be used only alongside with the *Add/Update* and *Only add* options of the *Import Behavior* setting.

Import Filters

In this tab, you can filter orders and import only required ones. For example, import only **Complete** orders.

Import Filters

Only those fields that are included into mapping can be used for filtering.

Order 🖍 Add Filter					\odot
Field For Filtering	Filter Condition		Value		
status	is	•	Canceled Closed Complete Suspected Fraud On Hold	•	Ť
⊙ Order Item					
⊙ Order Invoice					
⊖ Order Payment					

Filtering duplicates the *field configuration* structure, which means that you can filter data by any field you've added.

2025/05/07 14:35	107/144		Guide for	Import and Export for Magento 2
Order Shipm	ient 🖊			
Field For Filtering	Filter Co	ndition	Value	
email_sent	•		Ves	Ŵ
Order S Add Filter	hipment Item 📝			
Field For Fil	tering Filte	er Condition	Value	
price	▼ m	ore or equal	• 100	Ŵ
Order S Add Filter	hipment Track			

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

Order 📝			\odot
Add Filter			
Field For Filtering	Filter Condition	Value	
created_at 🔹	last X days	5	
Order Item	is is not more or equal less or equal greater than less than is null is not null last X days last X weeks		

Automatic Import

If you have configured the mapping and the orders were imported successfully, you can set the automatic import of future orders.
2025/05/07 14:35	109/144	Guide for Import and Export for Magento 2
PROFILE SET UP STEPS	Automatic Impor	t
General Configuration	Run Profile by Cron	Yes 🕐
Import Source	Frequency	Custom 👻
File Settings	Schedule	Custom Every Minute Every Hour
Import Settings		Every Day at 4 am Every Monday at 4 am Every 1st Day of Month at 4am
Fields Configuration		
Import Filters		
Automatic Import 🖌		
Alert Notifications		
Import History		

Run Profile by Cron - if enabled, the import will be initiated automatically by cron according to the schedule specified.

Frequency - choose a suitable import schedule.

If you choose a custom one, provide the schedule manually.

Alert Notifications

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

	<u> </u>		iphpha magence_zhinporc_ana_expore
PROFILE SET UP STEPS	Email Alert for Ir	mport Error 🖌	0
General Configuration	Enable Email Alert	Ves 🕐	
Import Source	Email Sender	General Contact	•
File Settings	Email Recipients	example@email.com ×	
Import Settings		•	•
Fields Configuration	Email Template	Amasty Import Orders: Error ha	•
Import Filters		, most import of delision in	
Automatic Import 📝			
Alert Notifications 🖌			
Import History			

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

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 Import History

For each profile a separate import history is available. Check the statuses, dates and logs.

2025/05/07 14:35	111/1	L44				Guide for Import a	ind Export	t for Magento 2
PROFILE SET UP STEPS	Impor	rt History						
General Configuration					Filters	Default \	/iew ▼	🔅 Colum
Import Source								
File Settings	Act	• 2 r	records fou	nd		<	2	20 ▼ p+ 1 of1
Import Settings		History	Profile	Profile				
Fields Configuration		ID T	Name	ID	Status	Imported At	Log	Summary
Import Filters		7	Amazon	5	SUCCESS	Mar 26, 2021 1:09:55 PM	Show Log	Created: 0, Updated: 0, Deleted: 0
Automatic Import		8	Amazon	5	SUCCESS	Mar 26, 2021 1:10:10 PM	Show Log	Created: 1, Updated: 0, Deleted: 0
Alert Notifications								
Import History								

General Import History

You may also check the logs for all imports (one-time, cron jobs, profiles) of all entities (not only orders but also products and customers) in one place. Navigate to **System** \rightarrow **Amasty Import** \rightarrow **Import History**. See the statues and check the details to get a full picture.

Last update: 2025/04/30 13:10

Import Histo	ry					د	demouser 🔻
						Clear I	History
				Filters	•	Default View 👻	🎗 Columns 🔻
Actions 👻	30 records found			20 • pe	er page	< 1	of 2 >
History ID	Import Entry Name	Import Entry ID	Status	Imported At	Log	Summary	Entity
1	eBay	1	SUCCESS	Apr 8, 2021 11:19:49 AM	Show Log	Created: 1, Updated: 0, Deleted: 0	Import Orders
2	еВау	1	SUCCESS	Apr 8, 2021 11:22:24 AM	Show Log	Created: 0, Updated: 1, Deleted: 0	Import Orders
8	Amazon Customers	1	SUCCESS	May 12, 2021 1:00:56 PM	Show Log	Created: 0, Updated: 1, Deleted: 0	Import Customers
☐ 12	ERP Connector	1	FAILED	Jun 16, 2021 2:05:36 PM	Show Log	Created: 0, Updated: 0, Deleted: 0	Import Products
13	ERP Connector	1	FAILED	Jun 16, 2021 2:05:51 PM	Show Log	Created: 0, Updated: 0, Deleted: 0	Import Products
14	ERP Connector	1	FAILED	Jun 16, 2021 2:06:55 PM	Show Log	Created: 0, Updated: 0, Deleted: 0	Import Products
18	Amazon Customers	1	SUCCESS	Mar 21, 2022 6:24:32 PM	Show Log	Created: 0, Updated: 1, Deleted: 0	Import Customers

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

- Manual one-time imports;
- Cron imports via cron job interface;
- Import Products, Import Orders, Import Customers profile imports.

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%

One-time Import and Export Interfaces

This solution is helpful to perform one-time operations as it has a simplified UI. You can easily export any available entity in one place. Moreover, this interface contains some entities that are not available as profiles.

There are 2 different tabs for import and export operation, as their logic is different.

To perform exports, go to **System** \rightarrow **Amasty Export** \rightarrow **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.

Note: you can export URL rewrites with product SKU or ID to match rewrites on different instances correctly.

For managing imports, proceed to **System** \rightarrow **Amasty Import** \rightarrow **Import** and select the entity to import.

Import

Import Settings



Here you can also configure import details, such as format, title, included fields, etc. Check each configuration detail for each tab in the Import Profile Configuration sections.

IMPORTANT: Please, run reindex after the import of **Catalog Product Rules**.

Import and Export Cron Jobs

Also, the extension includes Amasty Cron Jobs features: you can create regular cron jobs to export or import any available entity.

For export, go to **System** \rightarrow **Amasty Export** \rightarrow **Cron Jobs**.

Last update: 2025/04/30 13:10

Export Cro	n Jobs	C	admin 🗸
		Nev	w Export Job
		▼ Filters Oefault View ▼	🔅 Columns 👻
Actions 👻	4 records found	20 🔻 per page <	1 of 1 >
ID	l 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
4	credit-memo-export	DISABLED Credit Memo	Edit

Click New Export Job.

New Export Job Save and Continue Edit Save Job ← Back **Export Settings** Select Entity * sales_invoice Cron Job Title 🔸 invoice-export 🔿 Yes 🕜 Enabled Frequency Every 1st Day of Month at 4am ¥ 0 Schedule 0 1 * * 4 Days Of Minutes Hours Days Month 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.

Google Product Review Template

With an active support subscription or product subscription for Pro or Premium solution versions, you gain access to the **Google Product Review template** on the Export Cron Jobs grid. This preconfigured template helps to export product reviews from your Magento 2 to the feed (XML file type) suitable for uploading into Google Merchant Center. Furthermore, if you have the Amasty Advanced Product Reviews extension installed, you can enhance your export file with additional review-specific fields using the **Advanced Product Review** template. For more detailed information, click here.

For import, navigate to **System** \rightarrow **Amasty Import** \rightarrow **Cron Jobs**.

Imp	ort Cro	n J	obs		Q 1	admin 🔻
					New Import	Job
				Y Filters	Oefault View	umns 🔻
Action	15 👻	3.	records found	20		
				20 • per pa	ge < 1 of 1	>
	ID	1	Job Title	Status	Entity Type	Action
	ID 1	1	Job Title Order	Status ENABLED	Entity Type Order	> Action Edit
	ID 1 3	1	Job Title Order Ordered Items	Status ENABLED ENABLED	Entity Type Order Order Item	Action Edit Edit

Click New Import Job.

2025/05/07 14:35	119/144		Guide for Impor	t and Export for Magento 2
New Import Job				🔍 💄 admin 🗸
		← Back	Save and Continue Ed	it Save Job
Import Settings				
Select Entity *	sales_invoice Order Invoice Import Entity			
Cron Job Title *	Invoices			
Enabled	Yes 🚱			
Frequency	Custom		•	
Schedule	Minutes Hours	Days Month	Days Of	
Import Behavior			Week	
Import Behavior	* Please Select		×	
Validation Strategy	* Stop On Error		*	
Allowed Errors Count	10 Please specify number of error	ors to halt import process		

Specify the cron job title for internal use and set the schedule for importing. The file configuration algorithm is the same as described in the Import Profile section.

Useful Tips and Popular Import Use Cases

It may not always be easy to start using the Import and Export extension. In this part of the guide, we'll focus on more practical use cases and example files that will guide you along the way.

Understanding Logic and Features for Successful Imports

We'll start with the requirements for **CSV files**, as this is the format that requires a specific structure, which may not always be clear at first glance.

Any import profile has a tree structure and starts with a root entity. This is a fieldset containing the most important information, e.g. SKU/Product ID/Attribute Sets for products, Order ID for orders, etc.

PROFILE SET UP STEPS	Fields Configu	ration			
General Configuration	Product <mark>(</mark> root e	ntity)			\odot
Import Source	Use Custom Entity K	íey 🔵 No 🕜			
File Settings	Custom Entity K	íey		0	
Import Settings	Entity Key Delimit	ter .		?	
Fields Configuration	Map Fields	Delete Table			
Import Filters	Modifier	Magento Field	Import File Field	Default Value	Action
Automatic Import					÷
Alert Notifications	Add Modifier	attribute_set_id			
Import History	Add Modifier	type_id			*
	Add Modifier	required_options			
	Add Modifier	row_id			1

It's absolutely necessary to select an identifier here; here are the identifiers you may choose from:

- for **products** product ID/product SKU/custom attribute
- for orders increment ID/order ID
- for customers email/customer ID



This is the way the extension uses to differentiate between unique records in the file. Other fields, such as product attributes, categories, websites, etc. are imported via subentities. The important difference here is that subentities require custom entity keys or prefixes.

For example, the module doesn't currently support the name *Price* for the price column. It requires an entity key, hence by default, the column will be named *catalog_product_attribute.price*. The default prefix can be found in the profile:

⊘ Product Attr	ibute 🗡					
E	nabled 🌔 Yes					
Custom Ent	tity Key catalog_produ	ct_attribute				
Map Fields	Delete Table					
Modifier	Magento Field	Import File Field	Default Value	Action		
Add Modifier	price					
S Customer Review						
⊖ Product Web	site					

For your convenience, you may replace a default prefix with a custom one, e.g. *attributes.price*. However, keep in mind that it should always be added to the field names (unless they belong to a root entity), as this is how the module connects to the relevant database table.

Product Attribute	1			
Enabled	Ves			
Custom Entity Key	attributes			
Map Fields Delete	e Table			
Modifier M	agento Field	Import File Field	Default Value	Action
Add Modifier	price			1

As for the column names, they can also be changed via the *Import File Field* setting. Let's say you'd like to rename the *description* field to *specification*. You may simply put the custom name to the *Import File Field* of the relevant attribute:

2025/05/07 14:35	123/144		Guide for Import and E	xport for Magento 2
\odot Product Attr	ibute 🖌			
E	inabled 🌔 Yes			
Custom En	tity Key catalog_produ	ct_attribute		
Map Fields	Delete Table			
Modifier	Magento Field	Import File Field	Default Value	Action
Add Modifier	description	specification		-

In this case, the full name of this column will be as follows: *catalog_product_attribute.specification*.

You may also pay attention to the *Default Value* field next to each attribute in the profile. You may use this field in case you want to import the same value to all products/customers/orders. For example, if all the products in the file belong to the same brand, you may skip this field in the file, but enable the *Default Value* for it like this:

O Product Attr	ribute 📝			
I	Enabled 💽 Yes			
Custom Er	catalog_produ	ct_attribute		
Map Fields	Delete Table			
Modifier	Magento Field	Import File Field	Default Value	Action
Add Modifier	supplier		212	

If this field has a value in the import file, then leave the Default Value empty.

To copy the default value, go to **Stores > Attributes > Product**, open the edit page of the specific attribute, find the desired attribute option, right-click, and select **Inspect**.

Last update: 20	025/04/30 13:10 magento_2:import_and_export	https://amasty.com/docs/doku.php?id=magento_2:import_and_export_
brand	Q, 上 admin 🗸	<pre>><div class="entry-edit form-inline">@ </div> </pre>
← Back	Delete Attribute Reset Save and Continue Edit Save Attribute	<pre> <</pre>
ATTRIBUTE INFORMATION	Attribute Properties	<pre> ::before <thead></thead></pre>
Properties	Default Label * brand	<pre> </pre>
Manage Labels Storefront Properties	Catalog Visual Swatch + Input Type for Store Owner	<pre>> @ > @ > @ > @ > @</pre>
	Values No +	<pre> == 30</pre>
	Update No Product Preview Filtening by this attribute will update the product image on Image catalog page	<pre> ····</pre>
	Use No Product Image Allows use failback logic for replacing swatch image with product. for swatch or base image Swatch if Possible	
	Manage Swatch (Values of Your Attribute)	
	Is Default Swatch Admin Default Store View	<pre>><cript fieldset"="" id="swatch-visual-row-template" style="display: none;" type="text/x-magento-temp
</fieldset></pre></td></tr><tr><td></td><td>Add Swatch</td><td><pre>> <fieldset class="> > <fieldset class="adminfieldset fieldset" style="display: none;">@ > <div class="entry-edit form-inline"></div></fieldset></cript></pre>

Click on the screenshot to enlarge it.

Last undate: 2025/04/30 13:10

It's a **good practice** to arrange the fields in the file in the same order as they go in the import profile. The module doesn't allow mixing the fields between the entities. For example, if you have a *catalog_product_attribute.price* field, then all the other product attribute fields should go together with it. Root entity fields are to be placed first at all times.

To make the process a bit easier, when you first create any import profile, there is an option **Enable** Autofill for Typical Use Cases:



It can come in handy when you first try the import tool because it will automatically preselect a minimal number of fields. For example, if you enable it for orders, it will select the necessary fields used to import an order. Then you may download a sample file and try to fill it with your values.

Import Use Cases (+ Google Sheets Sample Files)

First, we'll briefly walk through the most frequent use cases regarding **each entity**:

1. **Import Orders**. You may start with scrutinizing a sample file with the minimum number of fields for importing an order. Another thing that may be useful is importing tracking numbers for existing orders, which you may do via this file. You may also automatically create invoices/shipments/credit memos for orders right in the profile:

PROFILE SET UP STEPS	General Configuration	
General Configuration	Profile Name * Amazon	
Import Source	Batch Size 500	
File Settings	✓ Use Default Value	
Import Settings	Actions with Orders After Importing	
Fields Configuration	Change Processed Orders Status To	
Import Filters	Notify Customer No	
Automatic Import	Change	
Alert Notifications	Change Only New Ves	
Import History	Invoice Order After No 🕜	
	Ship Order After Importing	
	Ship Only New Orders 🛛 💽 Yes	

2. **Import Customers**. Here is a file with a minimal number of fields. However, you may also need to import addresses, payments, and other important information about customers. Then you may use the following sample file.

3. **Import Products**. The minimal number of fields to import and successfully open a new product in the backend can be viewed here. All the other fields are optional. For example, if you'd like a more detailed import that will help you import products that will be displayed on the frontend after the import process, you may use the following file.

Let's dive more deeply into the **product import**, as it's the most requested entity. Below you will find a list of subentities you may import with our module along with the sample files.

1. **Assign categories** to existing products. Please note that the extension requires a full path to the category as provided in the file.

2. Stock quantity:

• single source sample file

• multisource sample file

3. Import of **product values based on store views**. Here's a sample file for this case.

4. **Images**: To import existing images, they should be downloaded to the Magento folder first. Then you provide a path to an image in the import file. Alternatively, the module accepts image URLs. In this case, please fill in the Images File Directory field where the images will be downloaded during the import:

PROFILE SET UP STEPS	Import Source		
General Configuration			
Import Source 📝	Import Source *	Google Sheets	•
	Ple	ease note that only certain file types ar	e
File Settings	wi th so	th unavailable file types will be inactive e file type selection setting for the sele surce.	e in cted
Import Settings			
Fields Configuration	URL *	https://docs.google.com/spreads	hee
Import Filters	Images File Directory	pub/media/import	8
Automatic Import			
Alert Notifications			

- images with roles (thumbnail, small image, base image, etc.) sample file;
- **media gallery** sample file. It's necessary to include *value_ids* for images. However, the value can be set to any number; the extension automatically replaces it with the correct ID during the import.

5. Import of **configurable-simple product links**. Both configurable and simple products should already exist; this file only imports the links between them.

6. Product reviews - sample file.

7. **EAV attribute** (import of a new attribute in Magento). This can only be imported via one-time import in *Amasty* \rightarrow *Import* \rightarrow *Import* \rightarrow *EAV Attribute*. Here's a sample file for this case.

8. **EAV attribute option** - sample file. Also can be done only via one-time import $Amasty \rightarrow Import \rightarrow Import \rightarrow EAV$ Attribute. Please, note that you may create a new attribute value in the import profile,

by using a Create New Attribute Value modifier:

\odot Product Attribute 🖌				
Enabled	Ves			
Custom Entity Key	catalog_product_attri	ibute		
Map Fields Delete Table	à			
Modifier Magento	o Field	Import File Field	Default Value	Action
Add Modifier color				=
Create	New Attribute Value 🔻			Î
Option	Label To Option Valu 🔻			Î

9. **Category** import - sample file. Available via one-time import, Amasty \rightarrow Import \rightarrow Import \rightarrow Product Category.

- 10. Bundle product import sample file.
- 11. Grouped product import sample file.
- 12. Simple product with customizable options import sample file.

Some of the listed use cases you can see on import profile grids in this product demo.

XML file format usage

In case such strict requirements for files don't suit you, then you may try the **XML format**. One of its advantages is that the module provides support for **XSL templates**. It means that you may import an XML file of almost any structure by mapping its fields to the fields required by the module in an XSL template.

If you require more information on XSLT, please visit:

- XSLT Introduction
- XSL(T) Languages

For example, let's say you'd like to import the following file to Magento:

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
v<rss xmlns:g="http://base.google.com/ns/1.0" version="2.0">
 ▼<channel>
     <title>Luma</title>
     <link>https://e.docker.loc/</link>
     <description>At Luma, wellness is a way of life.</description>
   ▼<item>
       <sku>IMPORT-2</sku>
       <type_id>simple</type_id>
       <attribute_set_id>4</attribute_set_id>
       <name>LifeLong Fitness IV</name>
       <price>100</price>
       <description>The instructors and routines featured in LifeLong
       Fitness IV provide safe options to serve all types of physical
       conditions and abilities.</description>
     </item>
   </channel>
 </rss>
```

Strictly speaking, the extension doesn't allow importing it as is. However, you may create an XSL template and map the values to the ones the module expects. In the current example, our XSL template will look like this:

Last update: 2025/04/30 13:10

```
\txsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
 xmlns:g="http://base.google.com/ns/1.0" version="1.0">
   <xsl:output method="xml" version="1.0" encoding="UTF-8" indent="yes"/>
 ▼<xsl:template match="channel">
   ▼<xsl:element name="items">
     ▼<xsl:for-each select="item">
       ▼<xsl:element name="item">
         v<xsl:element name="catalog product attribute">
           ▼<xsl:element name="item">
             ▼<xsl:element name="price">
                <xsl:value-of select="price"/>
              </xsl:element>
             ▼<xsl:element name="name">
                <xsl:value-of select="name"/>
              </xsl:element>
             ▼<xsl:element name="description">
                <xsl:value-of select="description"/>
              </xsl:element>
            </xsl:element>
          </xsl:element>
         ▼<xsl:element name="sku">
            <xsl:value-of select="sku"/>
          </xsl:element>
         ▼<xsl:element name="type id">
            <xsl:value-of select="type id"/>
          </xsl:element>
         ▼<xsl:element name="attribute set id">
            <xsl:value-of select="attribute_set_id"/>
          </xsl:element>
        </xsl:element>
       </xsl:for-each>
     </xsl:element>
   </xsl:template>
 </xsl:stylesheet>
```

Example files to download:

xml-xsl-example-files-for-import.zip

Please note that each separate entity except for the root entity (e.g. catalog_product_attribute) requires a new node, as in the example above: <*xsl:element name="catalog_product_attribute">* </*xsl:element>*. You may find the correct name of the node in the import profile:

2025/05/07 14:35	131/144		Guide	e for Import and Export	for Magento 2
New Profile	← Back Down	load Sample File	Reset Sav	e and Continue Edit	Save
Fields Configuration 🖌	Man Fields				
Import Filters	🔗 Product Attri	bute 🖌			
Automatic Import	Enabl	led 💽 Yes			
Alert Notifications	Custom Entity K	Catalog_product	_attribute		
	Map Fields	Delete Table			
	Modifier	Magento Field	Import File Field	Default Value	Action
	Add Modifier	color			1
		Create New Attribu	•		ŵ
		Option Label To Op	•		ŵ
	Add Modifier	collar			
		Create New Attribu	•		ŵ
		Option Label To Op	•		ŧ

Inside the node, you list the fields that should be imported for this entity. The tags like *<xsl:element* name="price"> indicate the name of the tag in your XML file. Then, we map it to the field name in the import profile, e.g.: *<xsl:value-of select="price"/>*. The result for this one field is:

```
<xsl:element name="price">
     <xsl:value-of select="price"/>
</xsl:element>
```

Compatibilities

Part I

A wide range of **Amasty extensions** come equipped with import and export core functionality. By purchasing them, you can migrate even more types of store data and thus achieve specific business goals faster.

1. Gift Card Pro and Premium

Import Settings



Export Settings



2. Improved Layered Navigation Pro and Premium



Export Settings



3. Special Promotions Pro

	Select Entity	Select	•	
			Q	
•		Cart Price Rule		
Û	Copyright © 2024 Magento Com	Rule Entity		(<u> Aco</u>
		Rule Coupon		
		Rule Customer		
		Special Promo Rule Entity		
		Special Promo Rule Usage Limit Entity		

You can export the same types of special promo data.

4. RMA Pro and Premium

Select Entity	Select	•
		Q
	Amasty RMA	•
Opyright © 2024 Magento Commerc	Amasty RMA Request	Polir
	Amasty RMA Request Item	
	Amasty RMA Status	
	Amasty RMA Reason	
	Amasty RMA Item Condition	
	Amasty RMA Resolution	
	Amasty RMA Tracking	
	Amasty RMA Chat	
	Amasty RMA Chat File	
	Amasty RMA History	~

For exporting RMA data, you have access to the same options.

5. SEO Toolkit Pro and Premium

Select Entity	Select	•	
		Q	
	Customer		
Opyright © 2024 Magento Com	Sales		<u>(Accc</u>
	Product		
	Amasty SeoToolkit Redirect		
	Amasty SeoToolkit Redirect Import Entity		

Export Settings

Select Entity	Select	
	Q	
	Section Customer	
Copyright © 2024 Magento Cor	Inventory	<u>(Acc</u>
	Sales	
	Product	
	Amasty SeoToolkit Redirect	
	Amasty SeoToolkit Redirect Export Entity	
	Amasty SeoToolkit Redirect Store Export Entity	
	Amasty SeoToolkit Redirect Expiration Export Entity	

6. Reward Points Pro

Select Entity	Select	•	
		Q	
	Oracle Amasty Reward Points		
Opyright © 2024 Magento Cor	Amasty Reward Point Transactions		(<u>Ao</u>
	Customer Balance Data		

You can utilize the same options for exporting reward points details.

7. Store Locator and Store Pickup with Locator

Import Settings

Select Entity	Select	•	
		Q	
	O Amasty Storelocator		
Copyright © 2024 Magento Com	Amasty Storelocator Location		(<u> Acc</u>
	Amasty Storelocator Schedule		
	Amasty Storelocator Attribute		
	Amasty Storelocator Location Attribute		

The same options are available for store locator info export.

8. Blog Pro

Select Entity	Select	•
	Q	
	Amasty Blog	
Copyright © 2024 Magento Com	Amasty Blog Posts	<u>(Acc</u>
	Amasty Blog Categories	
	Amasty Blog Post Helpful	
	Amasty Blog Tags	
	Amasty Blog Author	

The same blog components are available for exporting.

9. Store Credit & Refund

Import Download Sample File Import Settings

Select Entity	Select	•	
	٩	,	
🝿 Copyright © 2024 Magento Co	Amasty Store Credit Amasty Store Credit Balance Amasty Store Credit History		Magento ver. 2 <u>Account Activity</u> <u>Report an Is</u>

For exporting store credit data, you have access to the same options.

10. Automatic Related Products

Import Settings

-			
Select Entity	Select		
		Q	
	O Amasty Related Products		
Copyright © 2024 Magento Com	Amasty Related Products Bundle Packs		(<u> Acc</u>

Export Settings



Part II

Furthermore, with the installation of the Import and Export solution alongside **other Amasty extensions**, you gain the ability to incorporate extra fields into your export files.

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

🗇 Amasty Order Attri	bute	
Enabled	Yes	
Custom Entity Key	amasty_order_attribute	
Add Fields Delete	Table	
Modifier	Field Name	Field Name in Export File Action
Add Modifier	no_contact_delivery	
Add Modifier	company_position	
Add Static Field		

2. 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	er billing_value	
Add Modifie	shipping_value	₽
Add Static Field		

3. With the **Amasty Advanced MSI** extension installed, you can export multi-source inventory data.

2025/05/07 14:35	143/144	Guide for Import and Export for Magento 2
MSI Inventory Source 🌛	/	
Custom Entity Key	msi	?
Add Fields Delete Table		
Modifier	Field Name	Field Name in Export File
Add Modifier	source_code	
Add Modifier	name	
Add Static Field Add I	Merged Field	
\odot MSI Inventory So	urce Item	
\odot MSI Inventory Sto	ock	
\odot MSI Inventory So	urce Carrier Link	
⊙ MSI Inventory So	urce Stock Link	

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:

For **Basic, Pro, and Premium** versions:

- **amasty/module-export-merged-fields** This package provides the possibility of merging several export field values into one field.
- amasty/module-import-subscription-functionality This package allows you to set a maximum size (in MB) for import files.

For Pro and Premium versions:

- **amasty/module-product-review-export** This package provides the option to utilize the 'Google Product Review' template placed on the Export Cron Jobs grid.
- **amasty/module-product-advanced-review-export** This package provides the option to utilize the 'Advanced Product Review' template placed on the Export Cron Jobs grid (if you have the Amasty Advanced Product Reviews extension also installed).

For **Premium** tariff plan only:

- **amasty/module-customer-export-subscription-functionality** This package provides new types of events to trigger customer exports.
- **amasty/module-product-import-subscription-functionality** This package allows you to remove product categories during product imports.

FAQ

- * Is it possible to import data to Magento with a custom file?
- * What is the required minimum of fields to import orders/products/customers?
- * Is it possible to integrate a third-party system into Magento via the Import & Export solution?
- * I see half-empty columns in the export file. How can I fix it?
- * Can I shuffle export fields between entities in export modules?
- * The Amasty: Order Export Product Attributes index gets stuck in the Processing state
- * Show more articles \rightarrow

Find out how to install the Import and Export 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:import_and_export	×
Last update: 2025/04/30 13:10	