

amasty

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

Guide for Import Products for Magento 2

Set connections to 3rd-party systems and marketplaces with the help of Import Products for Magento 2. Automatically sync different product bases, regularly update prices or stock quantities, import new product categories and reviews.

- Automate stock updates from third-party vendors
- Use 4 formats and 8 import sources
- Import any product data by mapping the fields
- Prevent errors with the validation system
- Configure performance settings to migrate huge volumes of data
- This extension is included in the all-in-one [Import & Export M2 solution](#)

Download the sample data in CSV, XML, ODS and XLSX formats:

sample-product-files.zip

The Import Structure

Amasty Import by now has 3 separate modules to carry out import tasks:

- **Import Products:** a separate interface to import product entities regularly using profiles
- **Amasty One-time Import:** suitable for a one-time import of any available entity
- **Amasty Import Cron Jobs:** a tab to create cron jobs concerning import activity

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

Import Products Configuration

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

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

General Settings

Import Batch Size [global]

The number of products that will be processed in an iteration.

Import History Auto-Cleaning [global] ?

Auto-Cleaning Period (Days) [global] ?

Multi-Process Import

Enable Multi-Process Import [global] ?

Number of Parallel Processes [global] ?

General Settings

Import Batch Size - set number of products 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.

Multi-Process Import

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

The 'Multi-Process Import' 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 - if the previous option is enabled, specify the number of processes 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.

Keep in mind, that the multi-process for Amasty One-time Import and Amasty Import Cron Jobs should be enabled in the [other tab](#).

Import Products Profiles

The extended product import functionality allows you to create flexible profiles for import and execute it on regular basis. To view all the profiles, proceed to **System → Import Products → Profiles**.

Import Profiles

[Add New Profile](#)

Filters | Default View | Columns

Actions | 7 records found | 20 per page | 1 of 1

<input type="checkbox"/>	Profile ID	Profile Name	File Format	Execution Type	Last Run	Last Update	Action
<input type="checkbox"/>	3	ERP Connector	CSV	Cron	Jun 15, 2021 11:41:13 AM	Jun 16, 2021 8:06:35 AM	Edit
<input type="checkbox"/>	4	Summer Collection (All Types of Products)	XML	Manual	Jun 15, 2021 11:43:21 AM	Jun 16, 2021 7:42:10 AM	Edit
<input type="checkbox"/>	5	Configurable Products	CSV	Manual	Jun 15, 2021 12:02:17 PM	Jun 15, 2021 12:02:17 PM	Edit
<input type="checkbox"/>	6	Simple Products	CSV	Manual	Jun 16, 2021 7:38:57 AM	Jun 16, 2021 7:38:57 AM	Edit
<input type="checkbox"/>	7	Products with Reviews	XML	Manual	Jun 16, 2021 7:48:59 AM	Jun 16, 2021 7:48:59 AM	Edit
<input type="checkbox"/>	8	Stock Qty Import	XML	Cron	Jun 16, 2021 8:01:38 AM	Jun 16, 2021 8:02:59 AM	Edit
<input type="checkbox"/>	9	Prices Update	CSV	Cron	Jun 16, 2021 8:05:39 AM	Jun 16, 2021 8:06:52 AM	Edit

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

Troubleshooting

Before starting the configuration, please, check the key aspects of the successful product import below:

- When working with configurable, grouped or bundle products, you should import the related **Simple products first**. Only when all simple products are imported, you can start importing the configurable ones.
- Make sure the **websites** and **store views** are the same on import and export instances.
- Attributes and attribute sets should be the same on the import and export instances.
- When adding some attributes to a product manually on the export instance, these attributes are automatically pulled into the attribute set. But before importing, you need to assign them manually to the corresponding attribute set on the import instance so that the values of these attributes are matched during import.
- When importing configurable products, you should also pay attention to whether the attributes of the simples are included in this set attribute. If not, you should add them manually. For example, we've selected the Default attribute set and created simple products with the color and size attributes. In this case, we need to add these attributes to the Default attribute set manually, so that the simple products could be assigned to the configurable one.
- If you use the **Delete** behavior, it is better to disable all unnecessary fields and use only *sku* or *row_id*.
- Images are **NOT** copied automatically. You need to place all media files in any folder on the import instance and specify the root ti this folder during the import.
- Make sure that the **Entity Key Delimiters** are the same in the import configuration and export file. It is not recommended to leave this field empty.

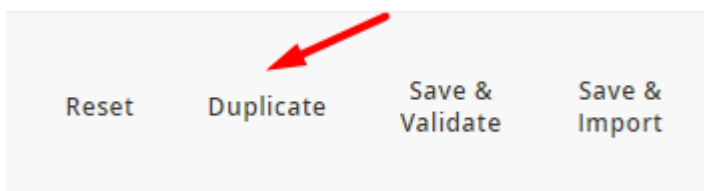
New Profile Creation

Let's consider the case of new profile creation. For example, we want to set automatic import of new simple products.

Please, remember that you should upload configurable products only **AFTER** the simple ones. It means that it's necessary to import the simple products relative to the configurables first, and only then you can import the configurable ones themselves.

First of all, hit the **Add New Profile** button.

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



General Configuration

New Profile

← Back Delete Reset Save & Validate Save & Import Save and Continue Edit **Save**

PROFILE SET UP STEPS

- General Configuration
- File Settings
- Import Source
- Import Settings
- Fields Configuration
- Automatic Import
- Alert Notifications
- Import History

General Configuration

Profile Name *

Batch Size
 Use Default Value

Reindex After Importing Yes

Disable Products Not in File No

Please note: If the setting is enabled, reindex will be performed in importing to make the products invisible on a storefront.

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 products 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.

Reindex After Importing - enable this option to run reindex automatically after the import.

Disable Products Not in File - activate this feature if you want to enable the products from the import file and disable the already existing ones on your instance (for example, in cases you want to completely update the product catalog and show only imported products on the frontend).

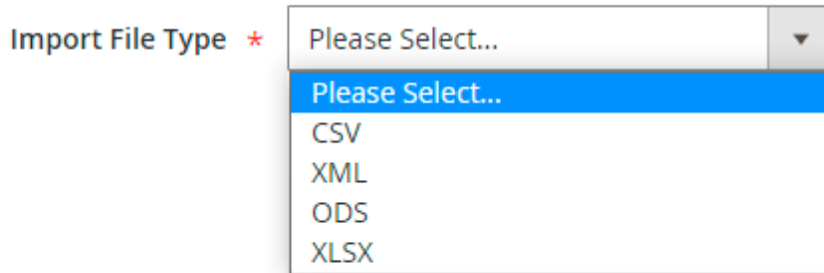
Please note: If the setting is enabled, reindex will be performed in importing to make the products

invisible on a storefront.

File Settings

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

File Settings



The following formats are available:

- CSV
- XML
- ODS
- XLSX

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

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

We've chosen a CSV format.

File Settings

Import File Type *

[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

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 and specify the path for images.

IMPORTANT: please, copy all product images to any folder of the instance you are importing to. Specify the path to the folder in an appropriate field and only then start importing.

Import Source

Import Source *

Please Select...

- Please Select...
- Local Directory
- File Upload
- FTP
- SFTP
- URL
- Google Sheets
- REST API Endpoint
- Dropbox
- Google Drive

Images File Directory

pub/media/catalog/product

Use relative path to Magento installation, e.g. var/import.

Available sources:

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

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 Products 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.

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

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

Create app

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

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

Import Products

- Settings
- Permissions
- Branding
- Analytics



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

Account Info

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

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

Files and folders

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

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

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

Account Info

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

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

Files and folders

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


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

Collaboration

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

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

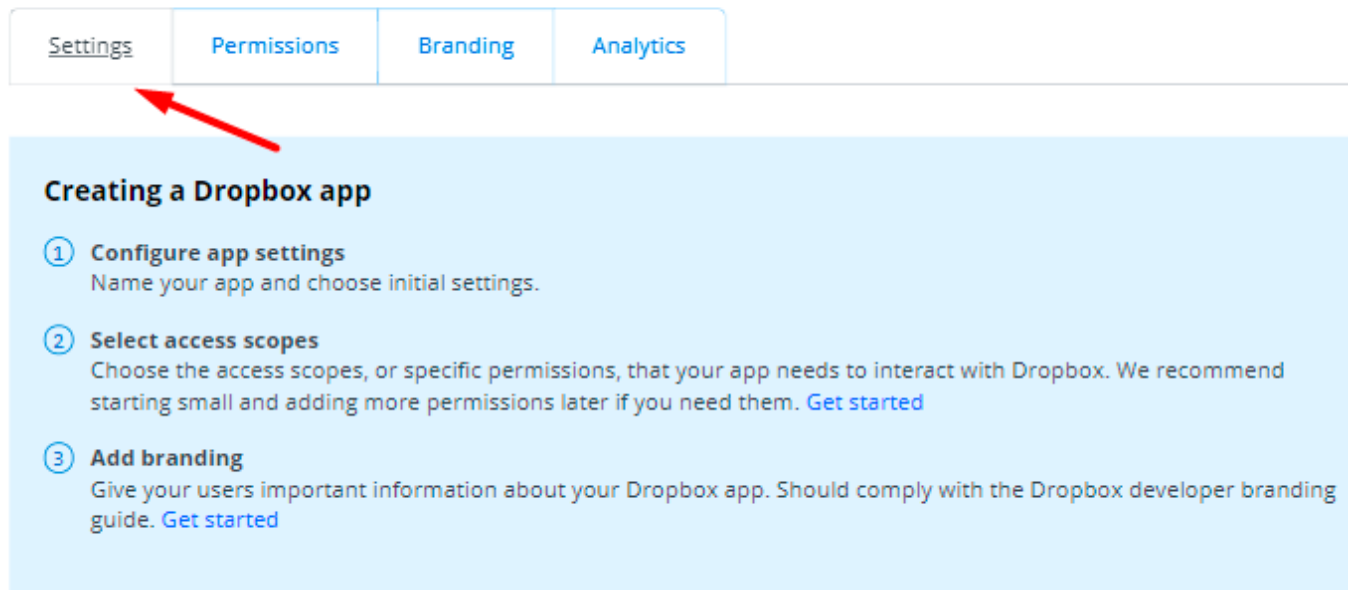
When you are done making changes. (Existing access tokens will not be affected)



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

Import Products

Settings Permissions Branding Analytics



Creating a Dropbox app

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

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

OAuth 2


Redirect URIs

https:// (http allowed for localhost)

Allow public clients (Implicit Grant & PKCE) ?

Allow

Generated access token ?



Access token expiration ?

Short-lived

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

Import Source

Import Source *

Generated Access Token *

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



File Path

Specify the import file path on Dropbox, e.g. import/import_file.csv

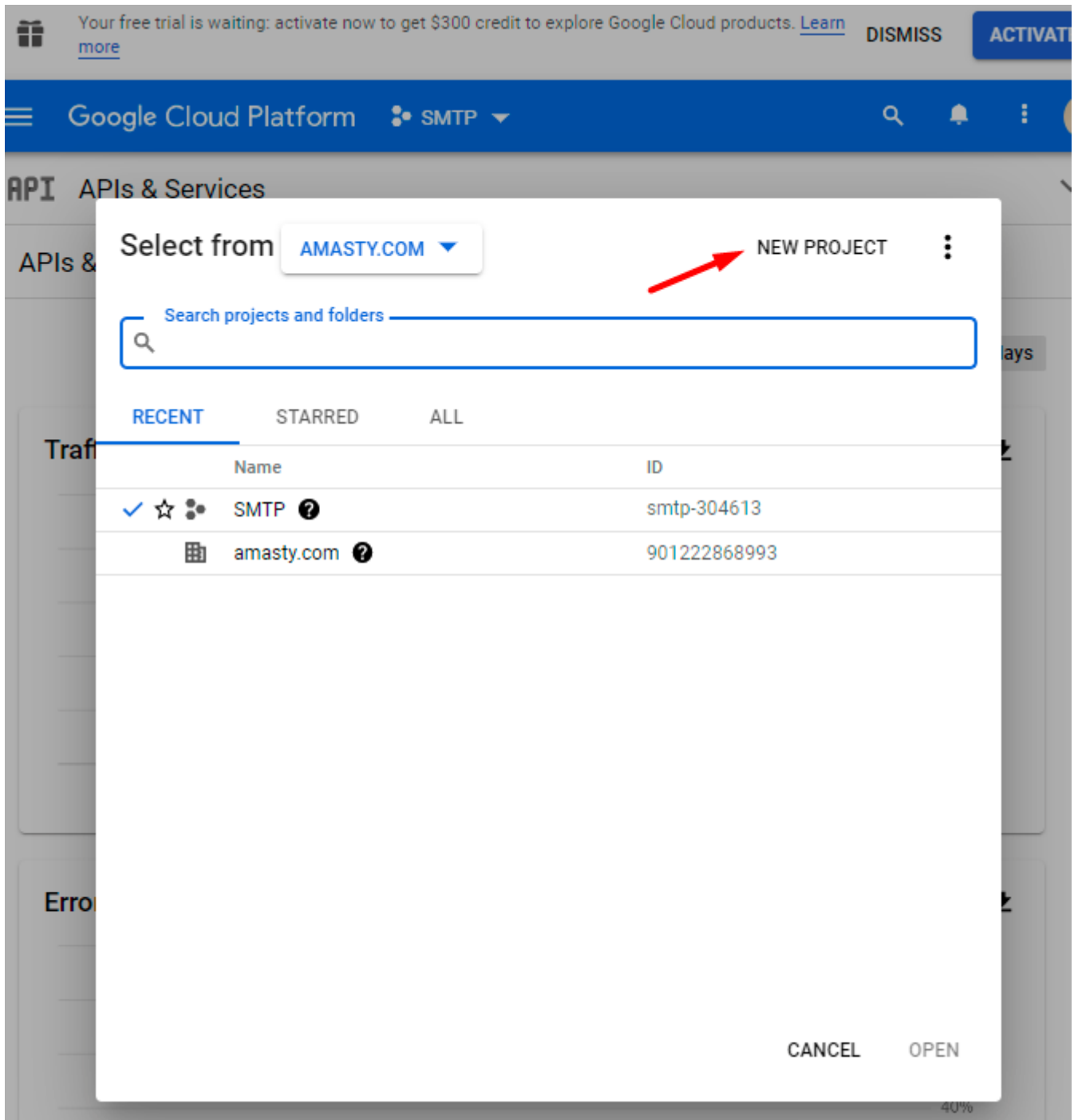
Images File Directory

Use relative path to Magento installation, e.g. var/import.

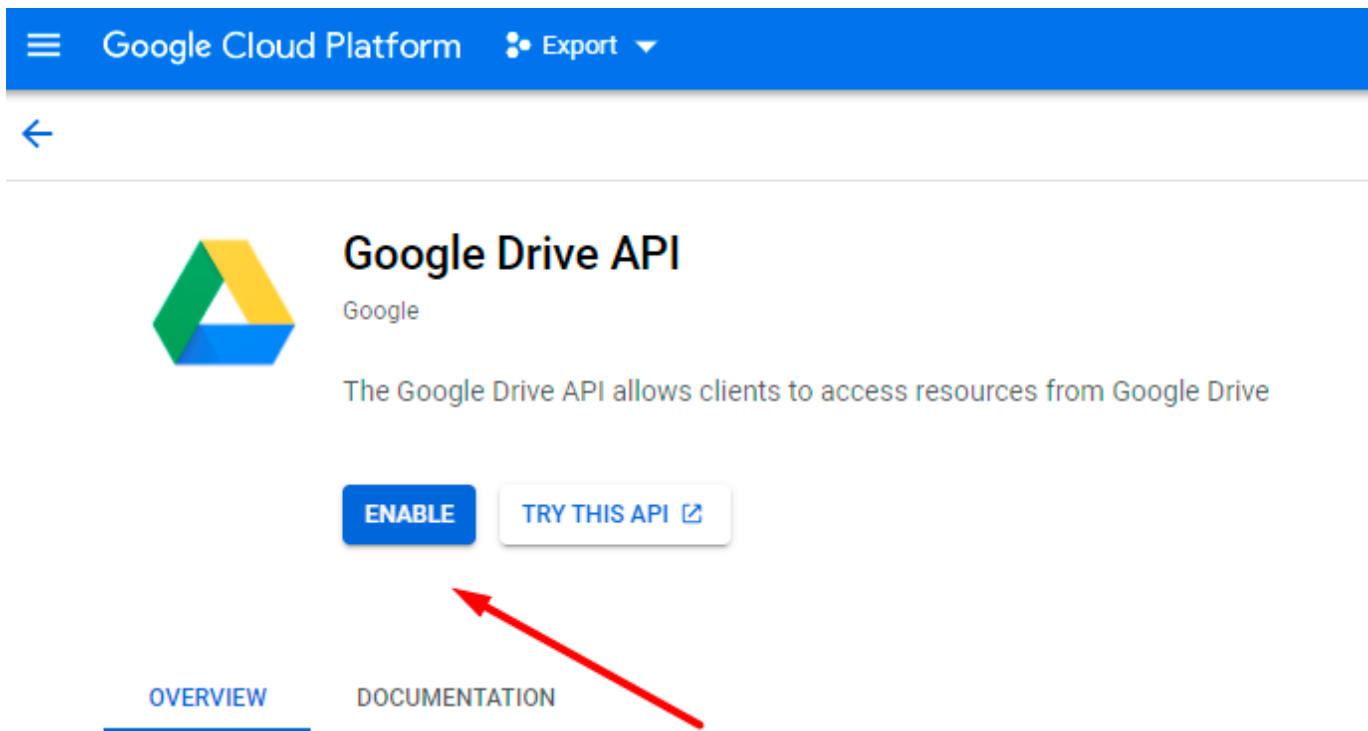
Google Drive Configuration

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.

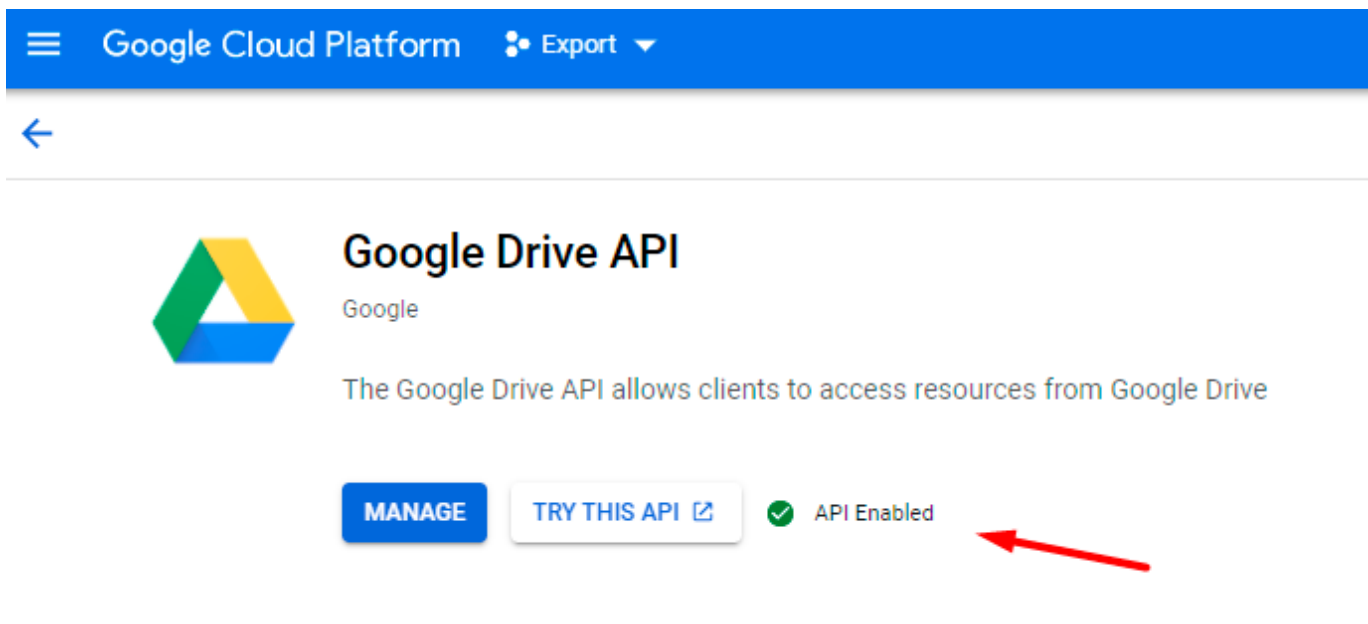


3. When the required project is chosen, return to [this page](#) and enable Google Drive API.



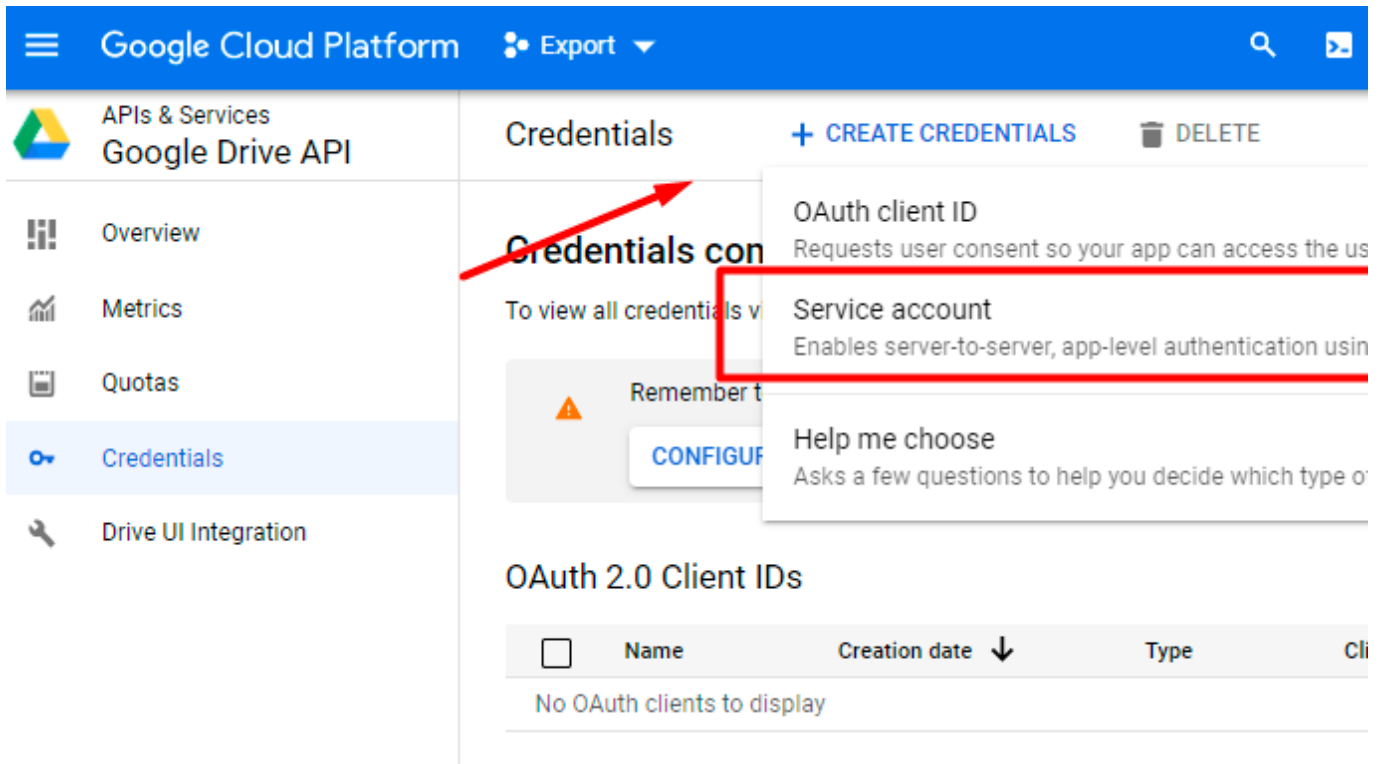
The screenshot shows the Google Cloud Platform interface for the Google Drive API. At the top, there is a blue navigation bar with the Google Cloud Platform logo and an 'Export' dropdown menu. Below the navigation bar is a back arrow. The main content area features the Google Drive logo, the title 'Google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

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



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

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



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

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

Click **Done**.

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

Service accounts

[+ CREATE SERVICE ACCOUNT](#)

[DELETED](#)




[MANAGE ACCESS](#)

Service accounts for project "Export"


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

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

Filter Enter property name or value ? ☰

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

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



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

Export

Search products and resources

← export-example

DETAILS PERMISSIONS **KEYS** METRICS LOGS

Keys

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

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

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

ADD KEY ▾

- Create new key
- Upload existing key

Key creation date	Key expiration date
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9. Choose **JSON** file format and hit the **Create** button.

Create private key for "export-example"

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

Key type

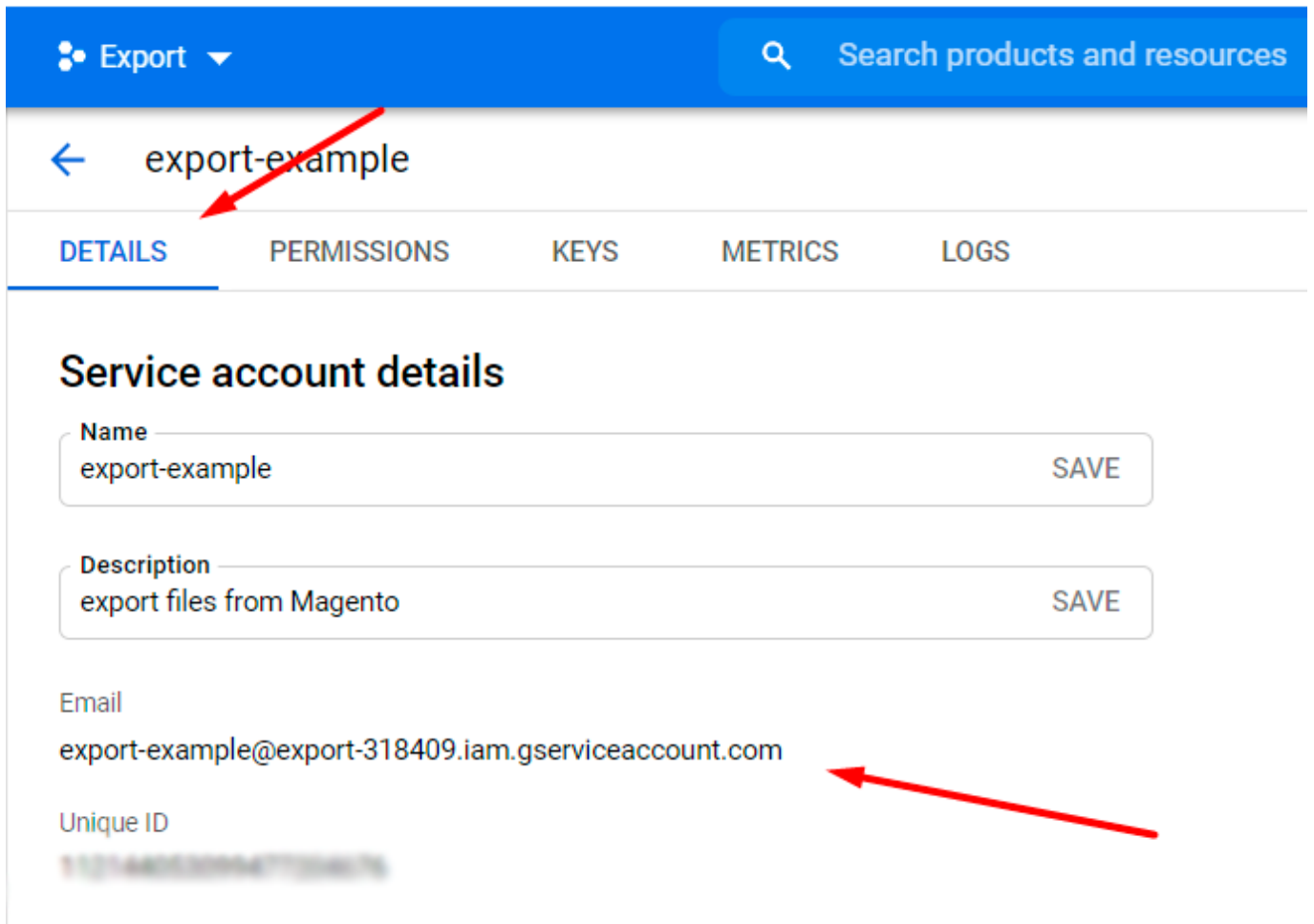
JSON
Recommended

P12
For backward compatibility with code using the P12 format

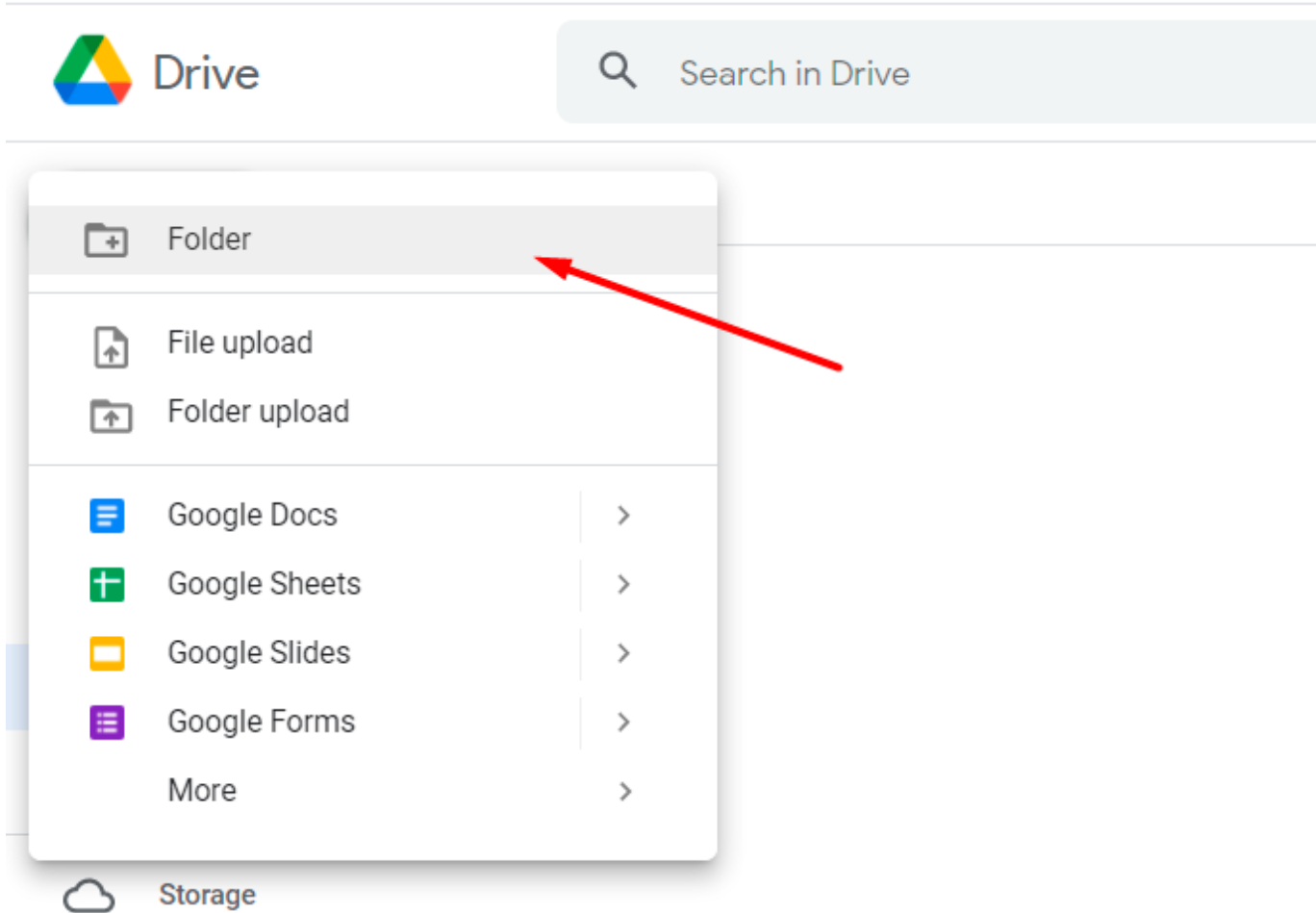
CANCEL CREATE

The file will be automatically generated and downloaded.

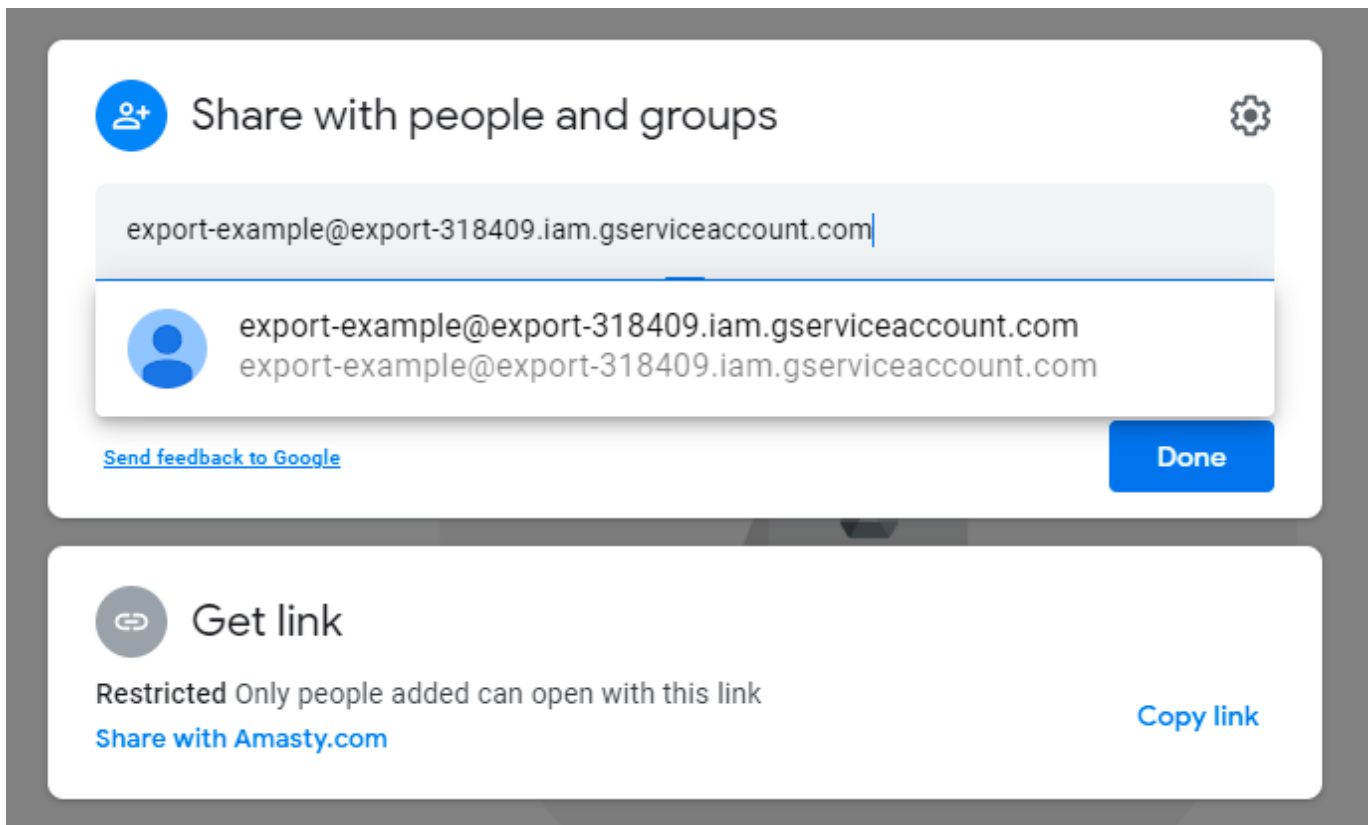
10. Proceed to the **Details** tab and copy the email.



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



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




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

Import Source

Import Source *

Upload Service Account Key File *



KRt6zu1VMZXP7CG...

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

File Path *

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 * ▼

Select File To Import *

Make sure your file isn't more than 2M and it is saved in UTF-8 encoding for proper import.

Images File Directory

Use relative path to Magento installation, e.g. var/import.

Import Settings

In this tab, you can adjust import behavior.

Import Settings

Import Behavior * ▼

Add/Update
Only add
Only update
Delete

Enable Autofill for Typical Use Cases Yes ?

Product Identifier ▼

Validation Strategy * ▼

Import Behavior - choose a suitable behavior for import:

- **Add/Update** - in this case, the extension compares product IDs from the import file and the already existing products in the Magento instance. If a product ID is unique and doesn't exist in Magento, a new product will be created. If a product with the same ID already exists, the extension just changes/adds the data specified in the import file.
- **Only Add** - the extension imports products with new IDs and skips the already existing ones.
- **Only Update** - the extension updates the information in the existing products and skips not existing ones.
- **Delete** - the extension deletes the products 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 products 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 products, your import file must contain more columns than in the *update* behavior. Please, enable the autofill option to avoid errors during import and map fields properly.

Product Identifier - choose *Product Entity ID* or *Product SKU* as an identifier.

Product Entity ID is the ordinal number in the database provided by Magento, e.g. 45. **Product SKU** is a unique identifier, that can contain letters as well, e.g. MG-9856.

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 Entities* option).

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

SUCCESS	Mar 29, 2021 9:46:23 AM	Show Log	Created: 0, Updated: 0, Deleted: 0
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If you choose *Stop on Errors* option, the status will be 'Failed'.

FAILED	Mar 29, 2021 9:09:21 AM	Show Log	Created: 0, Updated: 0, Deleted: 0
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Allowed Errors Count - specify the number of errors to halt the import process.

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:

×

entity_id	attribute_set_id	type_id	sku	has_options	required_options	catalog_product_attribute_set.attribute_set_id
6	11	simple	24-MB02	0	0	11

Below you can see all available for importing entities:

Product ?

Custom Entity Key is Used No ?

Entity Key Delimiter ?

Map Fields

- Product Attribute

- Customer Review

- Product Website

- Product Attribute Set

- Product Category

- Product Custom Option

- Configurable Product Super Attribute

- Grouped Product Link

- Cross-Sells Product Link

- Related Product Link

- Up-Sells Product Link

- Bundle Option

- Customer Group Price

- Catalog Inventory Stock Item

- Catalog Inventory Stock Status

- MSI Inventory Source Item

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.

Fields

Column type:



	Standard	Standard	Standard	Standard	^
1	simple/entity_id	simple/set_id	simple/type	simple/sku	
2	1	4	simple	24-WG085	
3	2	4	simple	24-WG086	
4	3	4	simple	24-WG087	
5	4	4	configurable	24-WB06	


As we see, in our file all columns of the root entity have a custom entity key - *simple*.

	A	B	C	D	
1	simple/entity_id	simple/set_id	simple/type	simple/sku	re
2	1	4	simple	24-VG085	
3	2	4	simple	24-WG086	
4	3	4	simple	24-WG087	
5	4	4	simple	24-WB06	
6					
7					
8					

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

Fields Configuration

Product  

Custom Entity Key is Used Yes 







Custom Entity Key 

Entity Key Delimiter 

Map Fields

Delete Table

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


	A	B	C	D	
1	simple/entity_id	simple/set_id	simple/type	simple/sku	re
2	 1	 1	4 simple 	24-WG085	
3	 2	 2	4 simple 	24-WG086	
4	3	3	4 simple	24-WG087	
5	4	4	4 simple	24-WB06	
6					
7					
8					
9					
10					
11					

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

Product







Custom Entity Key is Used Yes 

Custom Entity Key 

Entity Key Delimiter 

If ready, proceed to column names.

In the configuration, we see that the **entity_id**, **attribute_set_id**, **type_id**, **sku**, **has_options** and **required_options** are the required fields (as they were autofilled for the *add/update* algorithm).

Magento Field	Import File Field	Default Value	
<input type="text" value="entity_id"/>	<input type="text"/>	<input type="text"/>	
<input type="text" value="attribute_set_id"/>	<input type="text"/>	<input type="text"/>	
<input type="text" value="type_id"/>	<input type="text"/>	<input type="text"/>	
<input type="text" value="sku"/>	<input type="text"/>	<input type="text"/>	
<input type="text" value="has_options"/>	<input type="text"/>	<input type="text"/>	
<input type="text" value="required_options"/>	<input type="text"/>	<input type="text"/>	

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







	A	B	C	D	E
1	simple/entity_id	simple/set_id	simple/type	simple/sku	simple/required_options
2	1	4	simple	24-WG085	0
3	2	4	simple	24-WG086	0
4	3	4	simple	24-WG087	0
5	4	4	simple	24-WB06	0
6					

Here we see that 5 out of 6 columns are present, but some of them have a different column name, e.g. instead of **attribute_set_id** we have just **set_id**, and instead of **type_id** we see just **type**. In such cases, we should match the titles from the import file with the titles in Magento.

Magento Field	Import File Field	Default Value	
entity_id	<input type="text"/>	<input type="text"/>	
attribute_set_id	set_id	<input type="text"/>	
type_id	type	<input type="text"/>	
sku	<input type="text"/>	<input type="text"/>	
has_options	<input type="text"/>	<input type="text"/>	
required_options	<input type="text"/>	<input type="text"/>	

If the titles are identical (as we have for the **entity_id**, **sku** and **required_options** columns), 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 **has_options** column, but we don't have this one in our file. In this case, we can just provide the required value in the **Default Value field** (e.g. 1).

Magento Field	Import File Field	Default Value	
entity_id			
attribute_set_id	set_id		
type_id	type		
sku			
has_options		1	
required_options			



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



product_review:email	product_review:firstname	product_review:surname	product_review:customer_id	product_review:store_id
veronica_cost@example.com	Veronica	Costello	1	



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

Map Customer Review Fields ✕

Map Selected Fields

<input type="checkbox"/>	<input type="text" value="Search"/>	Search
<input type="checkbox"/>	review_id	Map
<input type="checkbox"/>	created_at	Map
<input type="checkbox"/>	entity_id	Map
<input type="checkbox"/>	entity_pk_value	Map
<input type="checkbox"/>	product_sku	Map
<input type="checkbox"/>	status_id	Map
<input type="checkbox"/>	store_id	Map
<input type="checkbox"/>	title	Map
<input type="checkbox"/>	detail	Map
<input type="checkbox"/>	nickname	Map

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

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

Import Source

Import Source *

Select File To Import *

Make sure your file isn't more than 2M and it is saved in UTF-8 encoding for proper import.



oRKTVawkSQLgPC2u...

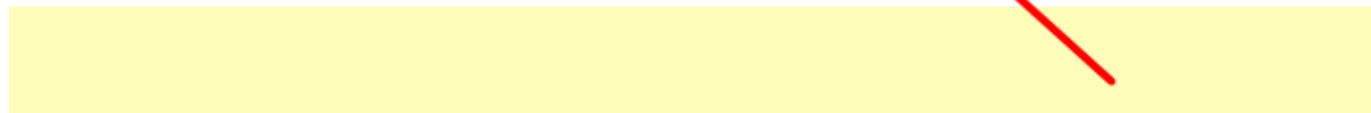
Images File Directory

Use relative path to Magento installation, e.g. var/import.

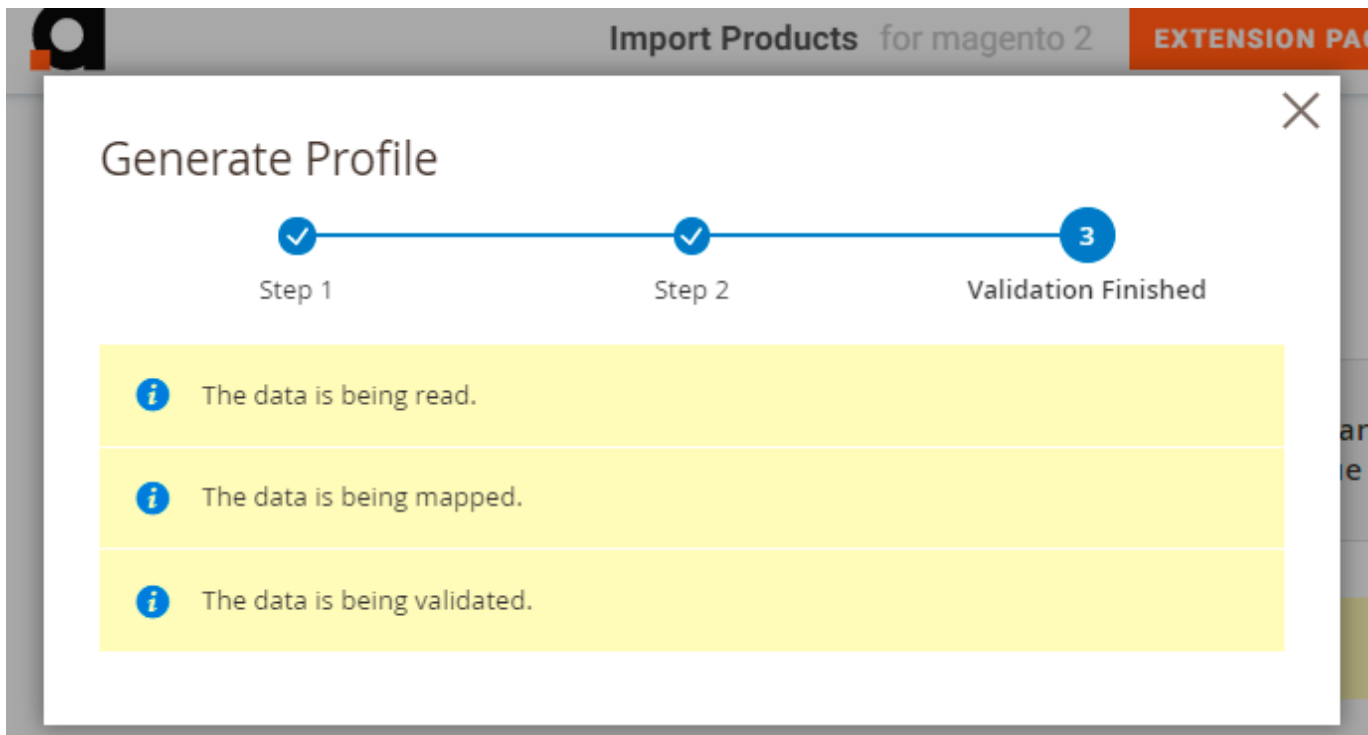


Now you can **Validate** the file.

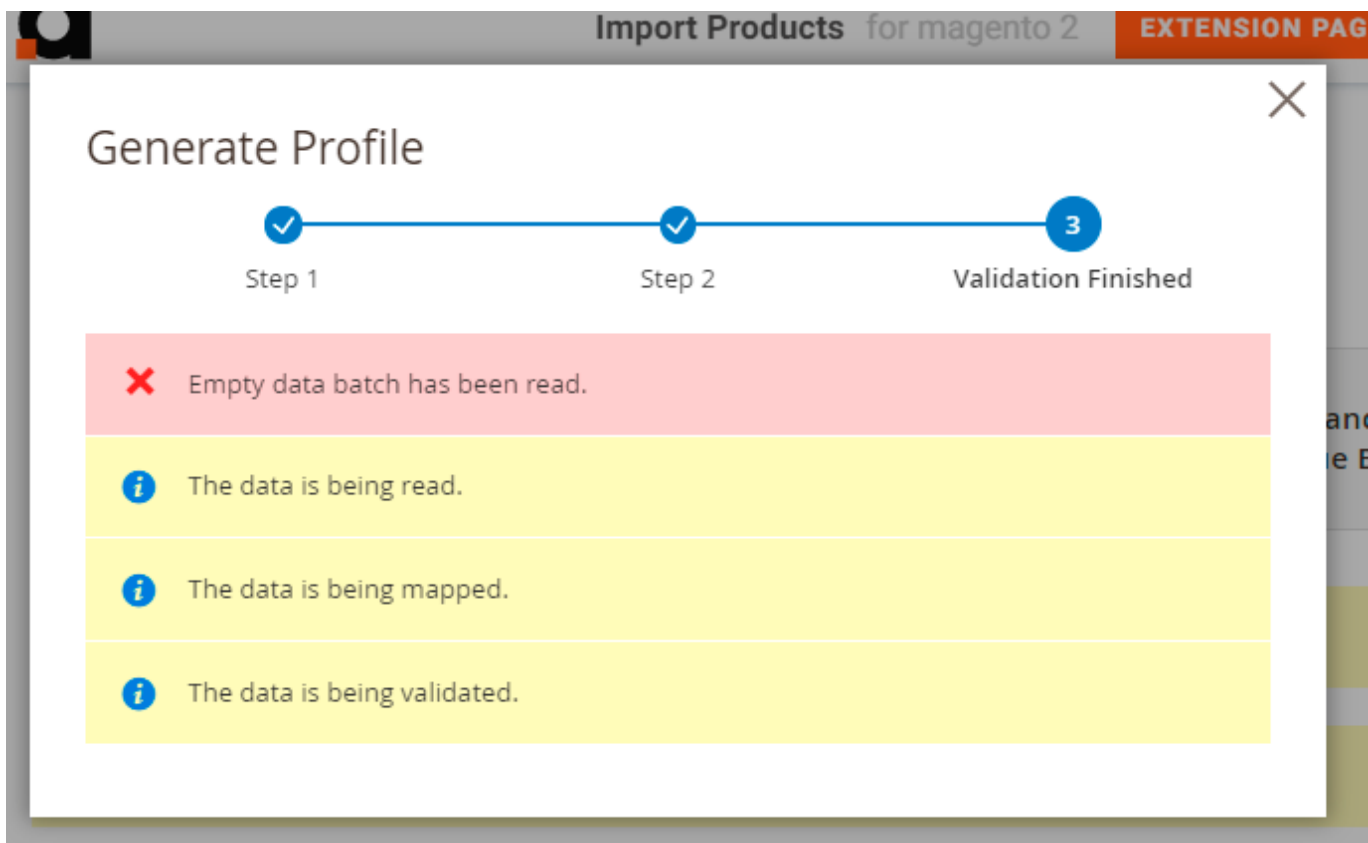
← Back Delete Reset **Save & Validate** Save & Import



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



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




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


Automatic Import

If you have configured the mapping and the products were imported successfully, you can set the automatic import of future products.

Automatic Import

Run Profile by Cron Yes 

Frequency

Schedule 

- Custom
- Every Minute
- Every Hour
- Every Day at 4 am
- Every Monday at 4 am**
- Every 1st Day of Month at 4am

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.

Email Alert for Import Error

Enable Email Alert Yes 

Email Sender

Email Recipients

Email Template

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.

Import History

Filters | Default View | Columns

Acti... | 3 records found | 20 per page | 1 of 1

<input type="checkbox"/>	History ID ↓	Profile Name	Profile ID	Status	Imported At	Log	Summary
<input type="checkbox"/>	8	Simple Products	6	FAILED	Jun 16, 2021 7:35:52 AM	Show Log	Created: 0, Updated: 500, Deleted: 0
<input type="checkbox"/>	9	Simple Products	6	FAILED	Jun 16, 2021 7:36:57 AM	Show Log	Created: 0, Updated: 500, Deleted: 0
<input type="checkbox"/>	10	Simple Products	6	SUCCESS	Jun 16, 2021 7:39:23 AM	Show Log	Created: 0, Updated: 1891, Deleted: 0

General Import History

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

Import History

[Clear History](#)

[Filters](#) [Default View](#) [Columns](#)

[Actions](#) 12 records found 20 per page 1 of 1

<input type="checkbox"/>	History ID	Profile Name	Profile ID	Status	Imported At	Log	Summary
<input type="checkbox"/>	5	ERP Connector	3	SUCCESS	Jun 15, 2021 11:41:13 AM	Show Log	Created: 0, Updated: 7, Deleted: 0
<input type="checkbox"/>	6	Summer Collection Sales	4	SUCCESS	Jun 15, 2021 11:43:22 AM	Show Log	Created: 0, Updated: 7, Deleted: 0
<input type="checkbox"/>	7	Configurable Products	5	SUCCESS	Jun 15, 2021 12:02:20 PM	Show Log	Created: 0, Updated: 147, Deleted: 0
<input type="checkbox"/>	8	Simple Products	6	FAILED	Jun 16, 2021 7:35:52 AM	Show Log	Created: 0, Updated: 500, Deleted: 0
<input type="checkbox"/>	9	Simple Products	6	FAILED	Jun 16, 2021 7:36:57 AM	Show Log	Created: 0, Updated: 500, Deleted: 0
<input type="checkbox"/>	10	Simple Products	6	SUCCESS	Jun 16, 2021 7:39:23 AM	Show Log	Created: 0, Updated: 1891, Deleted: 0

Amasty One-time Import: Fast & Easy

This extension is helpful to perform one-time operations as it has a simplified UI. If you have only the Import Products extension, you will be able to import any product entity, but if you will have other import extensions by Amasty, you will easily import any available entity in one place.

Go to **System** → **Amasty Import** → **Import** and select the entity to import.

Import

Check Data

Import Settings



The screenshot shows the 'Import Settings' configuration page. The 'Select Entity' dropdown menu is open, displaying a list of entities. The 'Product' entity is selected and highlighted in light blue. The list includes: Product, Customer Review, Product Website, Product Attribute Set, Product Category, Product Category Attribute, Product Custom Option, Product Custom Option Value, Configurable Product Super Attribute, and Grouped Product Link. The 'Import Source' dropdown is currently set to 'Please Select...'. Other sections like 'Import Behavior' and 'Import File' are visible but partially obscured by the dropdown menu.

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

General Settings for One-time Import

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

Multi-Process Import

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

Enable Multi-Process Import - set to Yes to speed up the import.

The 'Multi-Process Import' 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 import process goes, but the higher the server loads.

Amasty Import Cron Jobs

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

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

Import Cron Jobs

[New Import Job](#)

[Filters](#) | [Default View](#) | [Columns](#)

[Actions](#) | 4 records found | 20 per page | 1 of 1

<input type="checkbox"/>	ID	Job Title	Status	Entity Type	Action
<input type="checkbox"/>	1	New Products	ENABLED	Product	Edit
<input type="checkbox"/>	2	New Categories	ENABLED	Product Category	Edit
<input type="checkbox"/>	3	Cross-Sells Update	ENABLED	Cross-Sells Product Link	Edit
<input type="checkbox"/>	4	Inventory Sources	ENABLED	MSI Inventory Source	Edit

The more installed **Amasty Import extensions** you have, the more entities you can import by cron.

Click **New Import Job**.

New Import Job

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

Import Settings

Select Entity *
Customer Review Import Entity

Cron Job Title *

Enabled No ?

Import Behavior

Import Behavior * ▼

Validation Strategy * ▼

Import Source

Import File Type * ▼

Import File

Import Source * ▼

Fields Configuration

Customer Review

Custom Entity Key ?

Map Fields

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.

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

From:

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

Permanent link:

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



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