

MIGRATIONPRO FLOW

Better Upgrade and Migrate Tool

A product of PrestaHero

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I. INTRODUCTION

MigrationPro Flow is the best module to migrate or upgrade PrestaShop 1.5, 1.6, 1.7 to PrestaShop 8.x or PrestaShop 9.x, or migrate data between PrestaShop websites (any version) within seconds!

II. PREPARATION

For source store:

- Navigate to **"Modules / Modules & Services"** > click on **"Upload a module / Select file"** > install **PrestaShop Connector** module on the source store.

For target store (the website will receive migration data):

- Navigate to **"Modules / Modules & Services"** > click on **"Upload a module / Select file"** > install **MigrationPro Flow** on the target store.
- Similarly, install the **PrestaShop Password Keeper** module on the target store.

Cloudflare/WAF protection:

If your source or target website is protected by Cloudflare or another Web Application Firewall, please make sure that migration requests between the source and target websites are allowed.

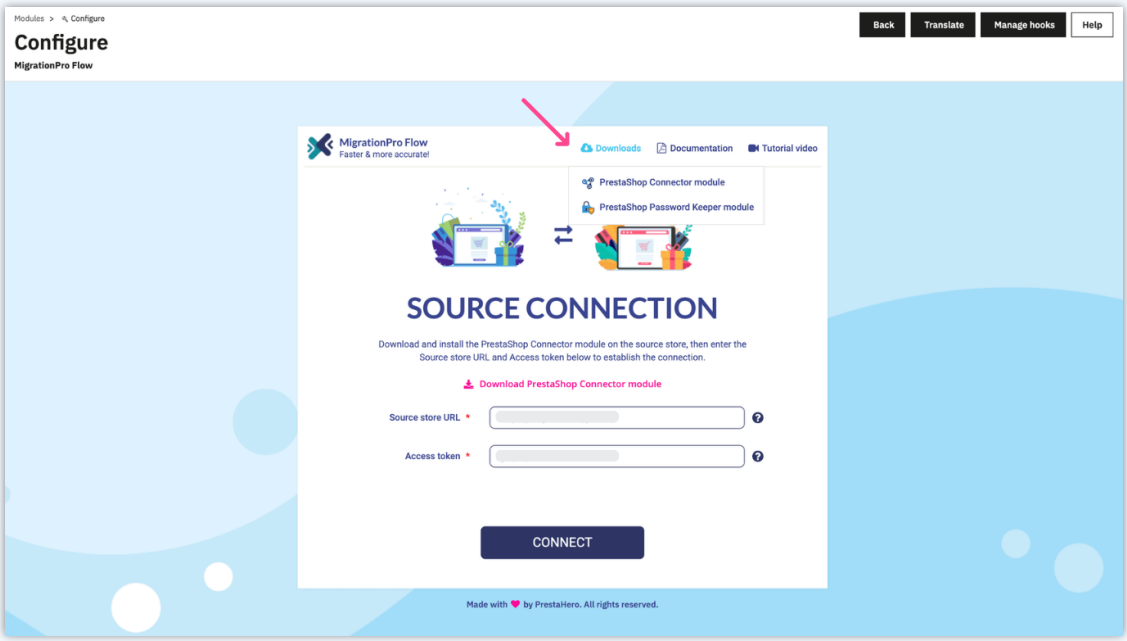
Cloudflare's default WAF or security rules may block data transfer requests, API calls, connector access, or file/image migration requests. This can cause connection errors, failed transfers, timeout issues, or incomplete migration.

Before starting the migration, we recommend temporarily allowing the required requests between the source and target websites. You may need to whitelist the source server IP, target server IP, migration connector URL, or adjust Cloudflare WAF/security rules during the migration process.

After the migration is completed, you can restore your normal Cloudflare security settings.

***NOTE:**

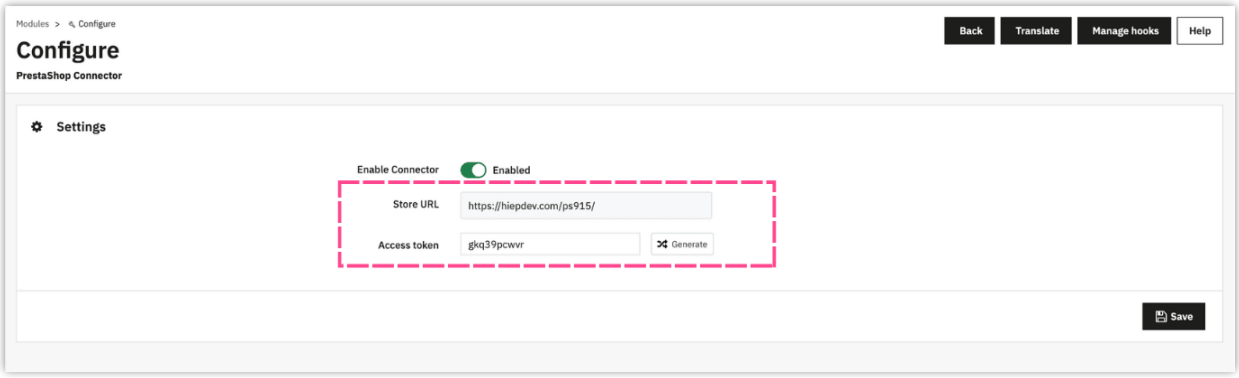
- Please create a backup for the target store before performing migration process.
- You can download the free modules – "**PrestaShop Connector**" and "**PrestaShop Password Keeper**" – from **MigrationPro Flow** back office:

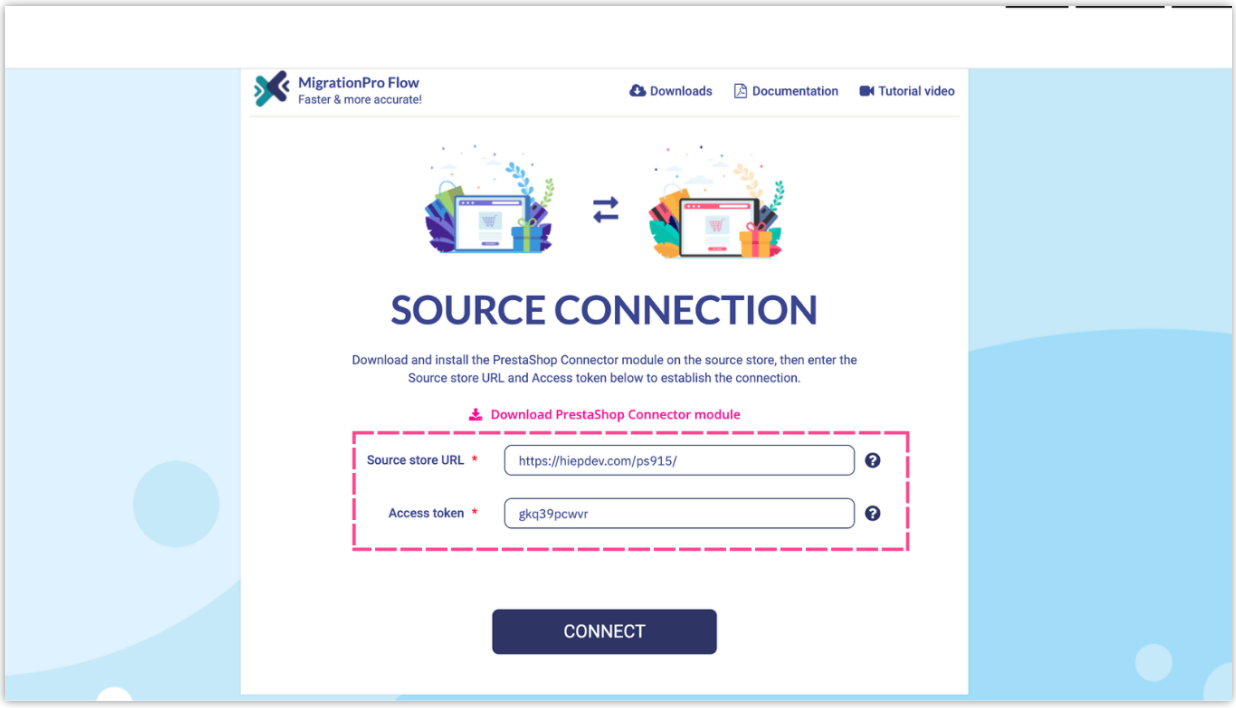


III. MIGRATION PROCESS

1. Connect source store with target store

Copy **"Source store URL"** and **"Access token"** provided by **"PrestaShop Connector"** module on the source store and paste them into respective fields on the target store.



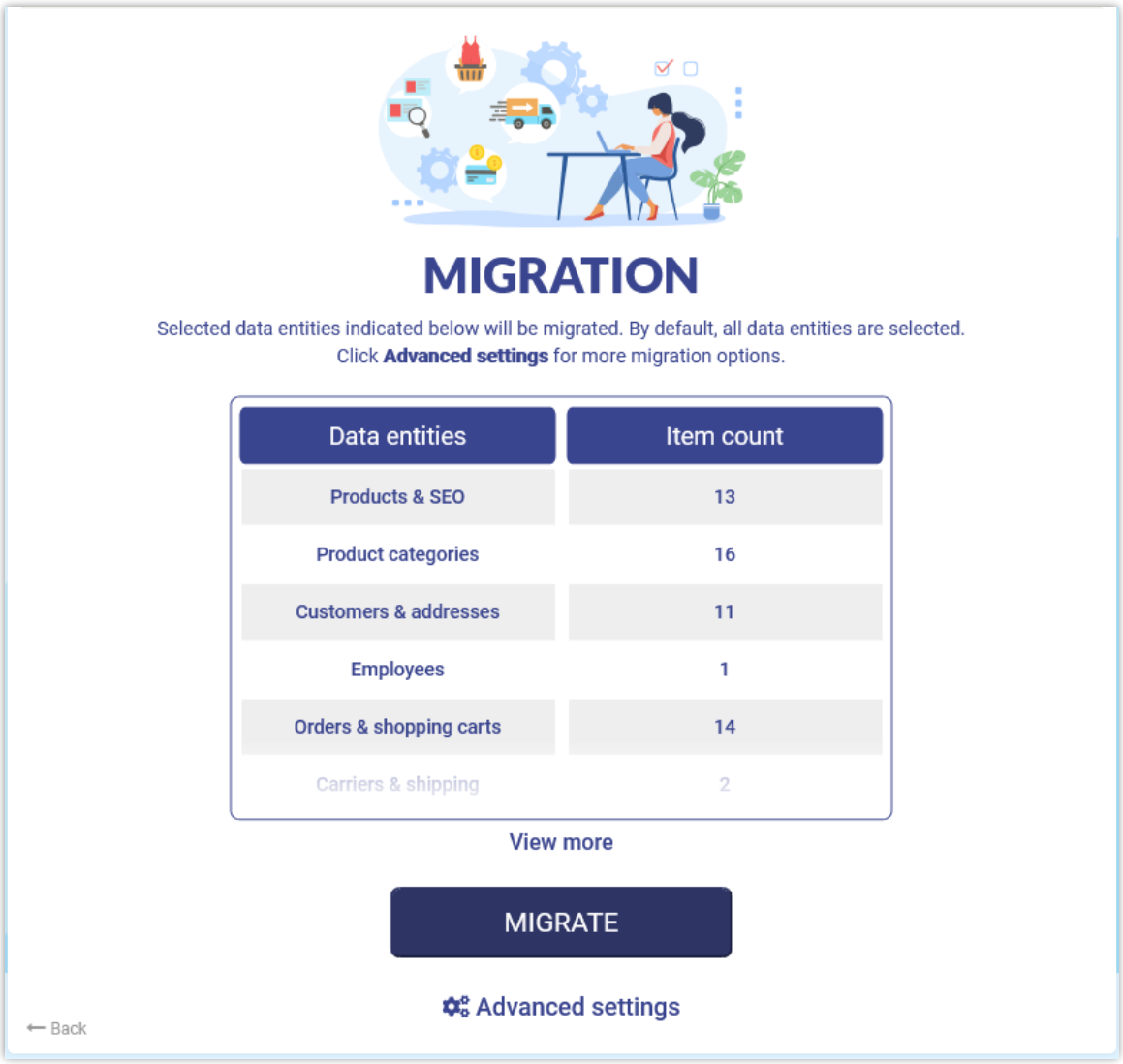


Now we have filled in the required information, click on "**Connect**" button to start connecting PrestaShop stores.

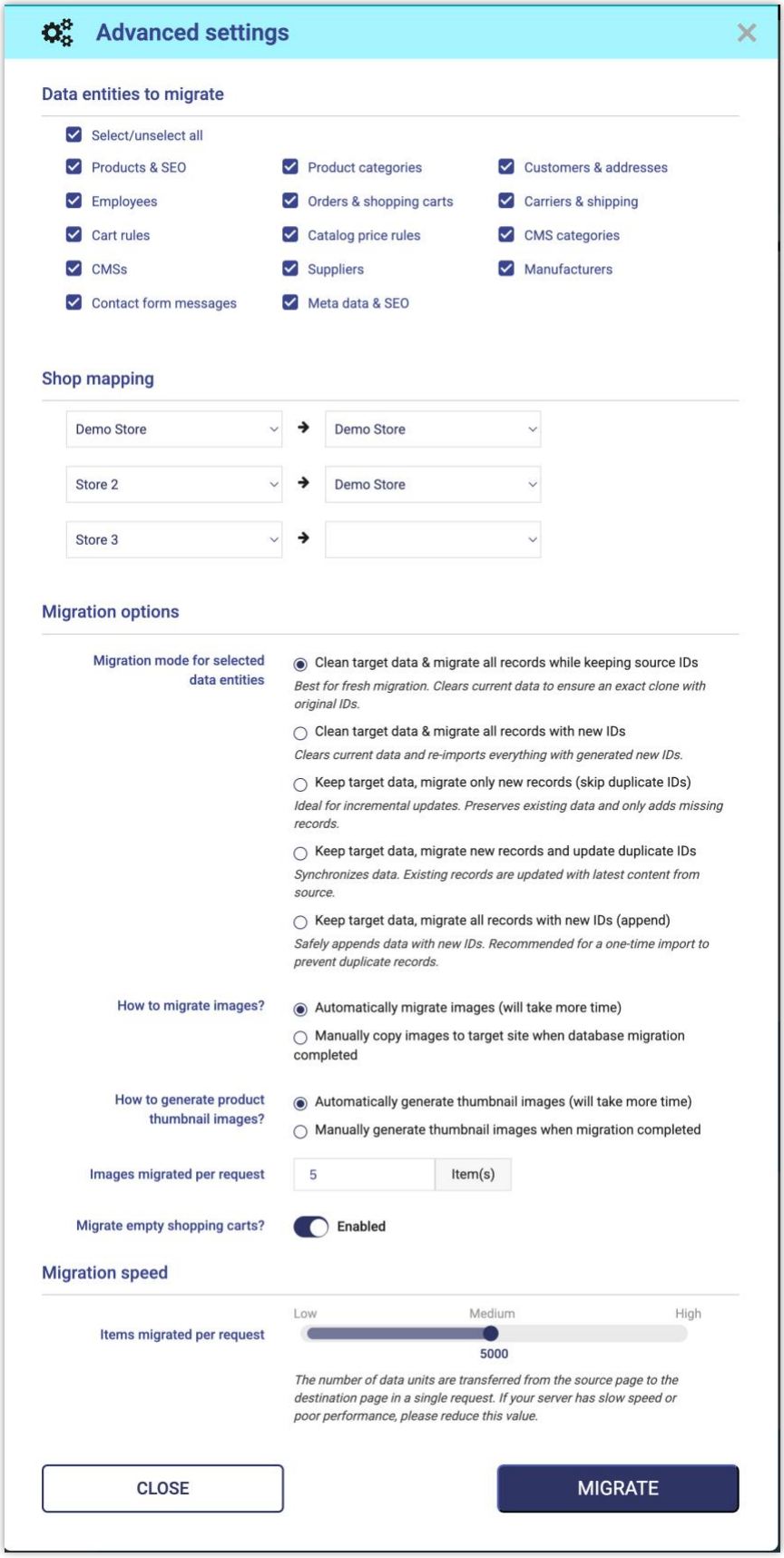
2. Migration options

The second step is to select data types and migration options you prefer before starting your automated migration process.

- Click on **"Migrate"** button to start migration instantly with default migration settings and pre-selected data entities.
- Click on "**Advanced settings**" to configure migration options as you prefer.



2.1. Advanced settings


Advanced settings
Data entities to migrate
Select/unselect all
Products & SEO
Product categories
Customers & addresses
Employees
Orders & shopping carts
Carriers & shipping
Cart rules
Catalog price rules
CMS categories
CMSs
Suppliers
Manufacturers
Contact form messages
Meta data & SEO
Shop mapping
Demo Store
Demo Store
Store 2
Demo Store
Store 3
Migration options
Migration mode for selected data entities
Clean target data & migrate all records while keeping source IDs
Best for fresh migration. Clears current data to ensure an exact clone with original IDs.
Clean target data & migrate all records with new IDs
Clears current data and re-imports everything with generated new IDs.
Keep target data, migrate only new records (skip duplicate IDs)
Ideal for incremental updates. Preserves existing data and only adds missing records.
Keep target data, migrate new records and update duplicate IDs
Synchronizes data. Existing records are updated with latest content from source.
Keep target data, migrate all records with new IDs (append)
Safely appends data with new IDs. Recommended for a one-time import to prevent duplicate records.
How to migrate images?
Automatically migrate images (will take more time)
Manually copy images to target site when database migration completed
How to generate product thumbnail images?
Automatically generate thumbnail images (will take more time)
Manually generate thumbnail images when migration completed
Images migrated per request
5
Item(s)
Migrate empty shopping carts?
Enabled
Migration speed
Items migrated per request
Low
Medium
High
5000
The number of data units are transferred from the source page to the destination page in a single request. If your server has slow speed or poor performance, please reduce this value.
CLOSE
MIGRATE

- **Data entities to migrate**: select the data entities you want to migrate into the target store.

> ***NOTE:**
>
> There are some data entities that need to be migrated together. You cannot migrate these data entities alone since it can break the logic of the database. For example:
>
> - "**Products & SEO**" and "**Product categories**"
> - "**Orders & shopping carts**", "**Customers & addresses**" and "**Carriers & shipping**"

- **Shop mapping**: if the source store has multi-shops, you can select where data of each shop from source store will be migrated into the multi-shops on target shop.

- **5 Data Migration Modes:**

  ✓ **Mode 1: Clean target data & migrate all records while keeping source IDs**: Deletes all data on the target site and migrates all records from the source site, while keeping the source IDs.

Example:

Use this mode when migrating a full website to a completely new domain or a fresh install of PrestaShop. This mode ensures that all data (products, orders, customers, etc.) from the old site are migrated while keeping the original source IDs, which is ideal if you are starting fresh but want to retain the original IDs for records.

Recommended for:

- *Migrating from PrestaShop 1.6 to PrestaShop 1.7, 8.x or 9.x on a new site.*

- *Migrating a site to a new domain or brand-new store with all new configurations.*

✓ **Mode 2: Clean target data & migrate all records with new IDs**: Deletes the data on the target site and imports all records from the source site, assigning new IDs to these records.

Example:

Use this mode when migrating to a new store or version of PrestaShop, and you want the data to be completely fresh with no legacy identifiers. This mode completely replaces all existing data on the target site and assigns new IDs to all records.

Recommended for:

- *Migrating from PrestaShop 1.7 to PrestaShop 8.x or 9.x and starting fresh with new IDs for all data.*
- *Moving to a new store or domain where keeping old IDs is not necessary, and a clean start is required.*

✓ **Mode 3: Keep target data, migrate only new records (skip duplicate IDs)**: Retains the current data on the target site, compares IDs, and only adds new records that do not already exist on the target site.

Example:

Use this mode when you want to add new data from a source site to an existing store, without affecting the existing data. For example, if you're migrating data from a staging site to a live site or adding new products and orders to an already existing store. It

ensures no overwriting of existing data, only new records are added.

Recommended for:

- *Adding new products from a test or backup store to a live site.*
- *Migrating additional data from a development environment to a live store.*

- ✓ **Mode 4: Keep target data, migrate new records and update duplicate IDs**: Migrates new records, updates existing records if their IDs are found on the target site, and adds new records.

Example:

Use this mode when migrating data and you want to keep the existing data on the target site while updating records that already exist based on matching IDs. This is ideal when you need to migrate new data (such as updated product details) and ensure that any duplicate data (with the same IDs) is updated, rather than creating duplicates.

Recommended for:

- *Migrating updated product details or order history from a source site to an existing live site.*
- *Merging data from different environments (e.g., staging to live) while ensuring no duplicate entries are created.*

- ✓ **Mode 5: Keep target data, migrate all records with new IDs (append)**: Keeps the current data on the target site and adds records from the source site with newly generated IDs.

Example:

Use this mode when you need to add records to an existing store while keeping all the old data intact. The source data is appended to the target site with new IDs for all records, which is useful if you want to add an entirely new product catalog or order history without affecting the current live store's data.

Recommended for:

- *Adding a large catalog of products or a new customer database to an existing store.*
- *Merging data from different versions of PrestaShop while keeping the original data intact but adding the new records with new IDs.*

***NOTE:**

Modes 1, 2, and 5 are recommended for first-time data migration to the target site. Modes 3 and 4 should be used for subsequent migrations.

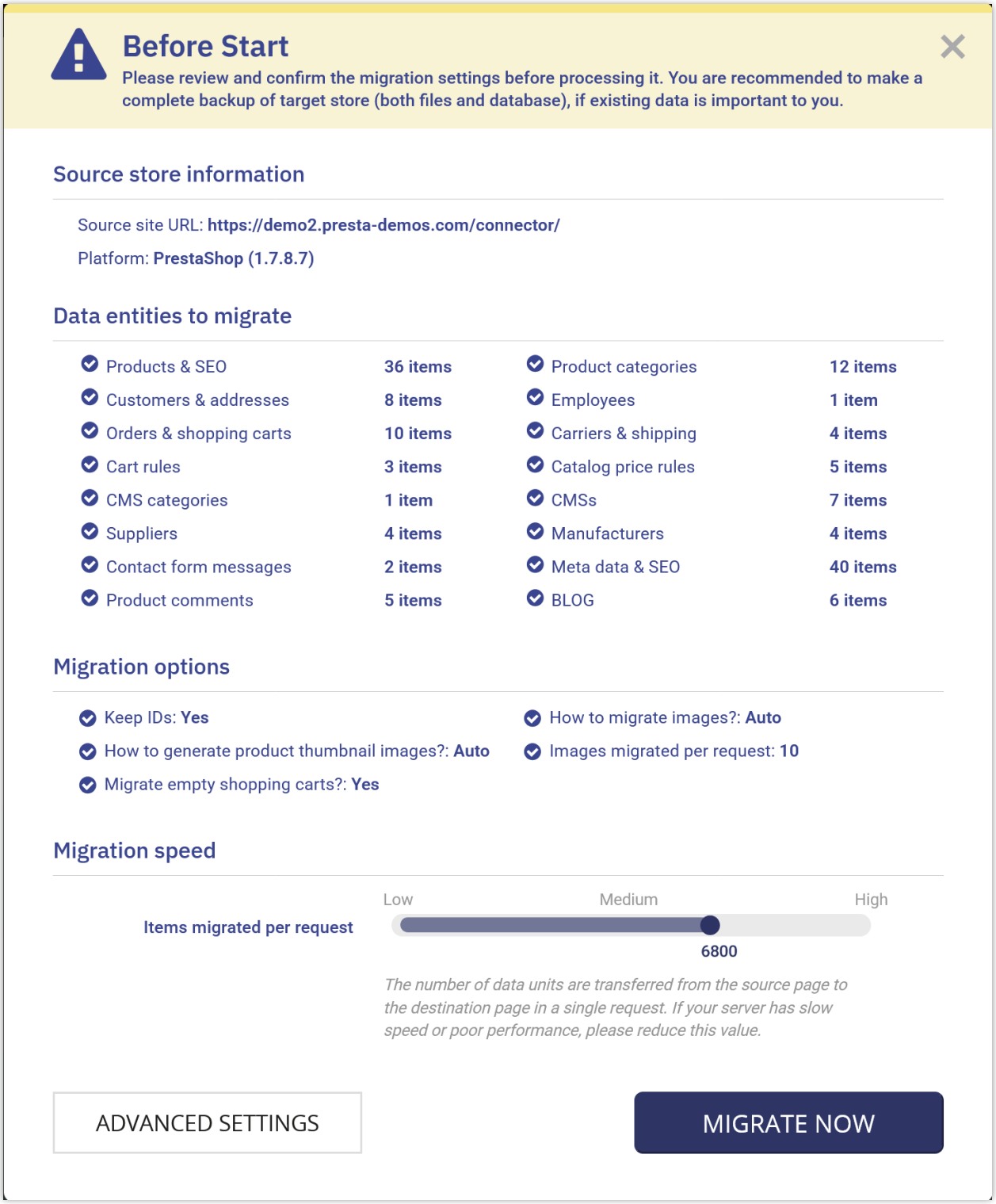
- **How to migrate images and attachments & files**: you can allow **MigrationPro Flow** to automatically migrate images, attachments and files or manually upload your data to target site when migration completed.
- If your server has low performance or if you encountered time out error while migrating, please decrease the "**Images migrated per request**" and "**Attachments & files migrated per request**" value.
- **Migration speed**: the number of data records migrated per request. You can increase this value if your server has high performance and unlimited

"**max_excution_time**". On the contrast, please decrease this value if your server has low performance or if you encountered time out error.

2.2. Confirmation popup

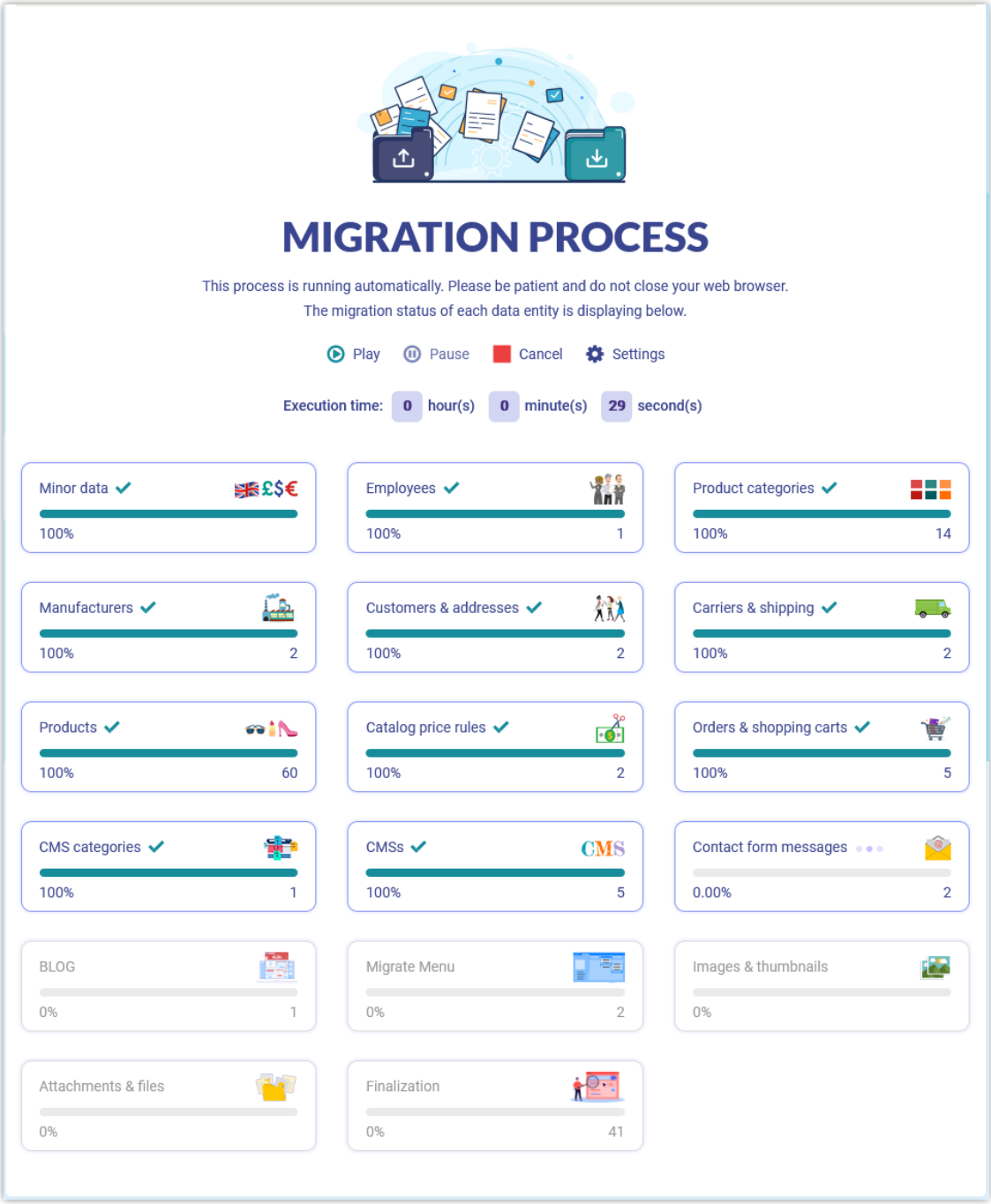
After clicking on "**Migrate**" button, a confirmation popup will appear. It displays all data entities and migration options that will be migrated to target store.

If you agree with the migration settings, please click on "**Migrate Now**" button to start your migration.

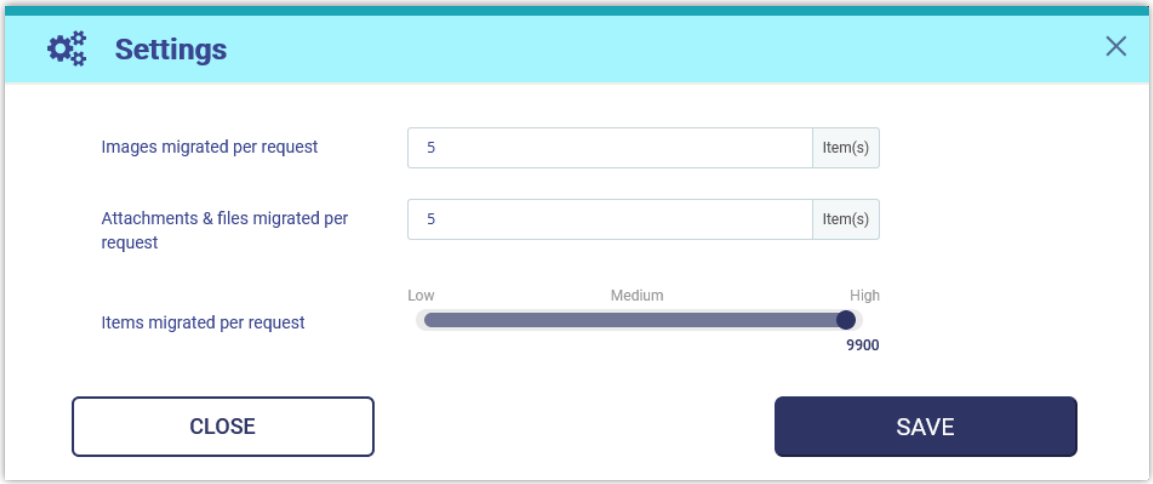


3. Migration status

In this step, you will see the migration status of all data entities. During the migration process, you can pause, resume, or cancel the migration.



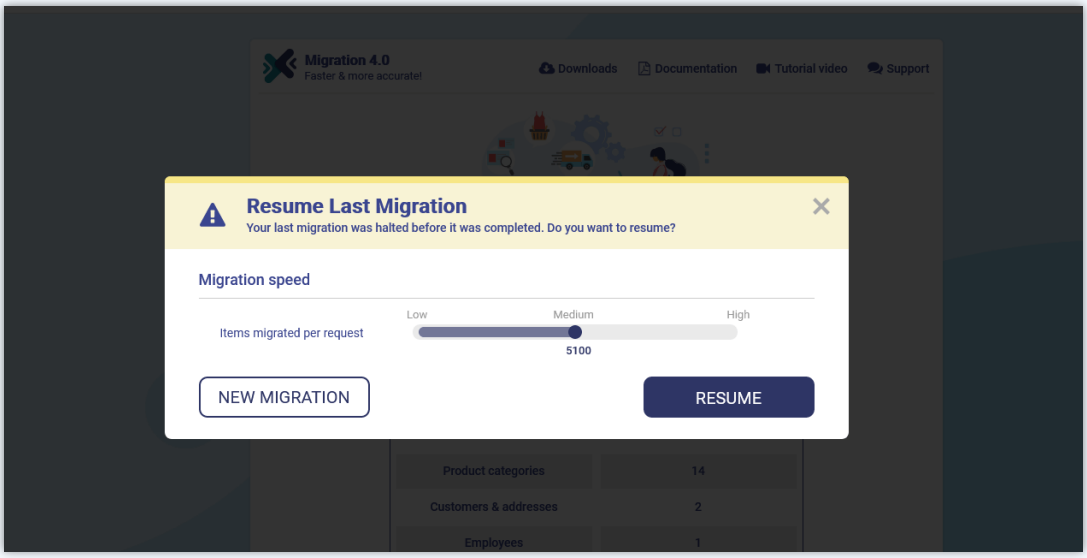
During migration process, you can change migration speed. Click on "**Settings**" link to open "**Settings**" popup.



Change the value based on your server performance then click "**Save**" to apply your changes.

***NOTE:**

While migrating data, if you pause the migration and close the target site or if your internet connection is corrupted, when you access to **MigrationPro Flow** again, a popup will appear and ask if you want to resume migration or start a new migration.

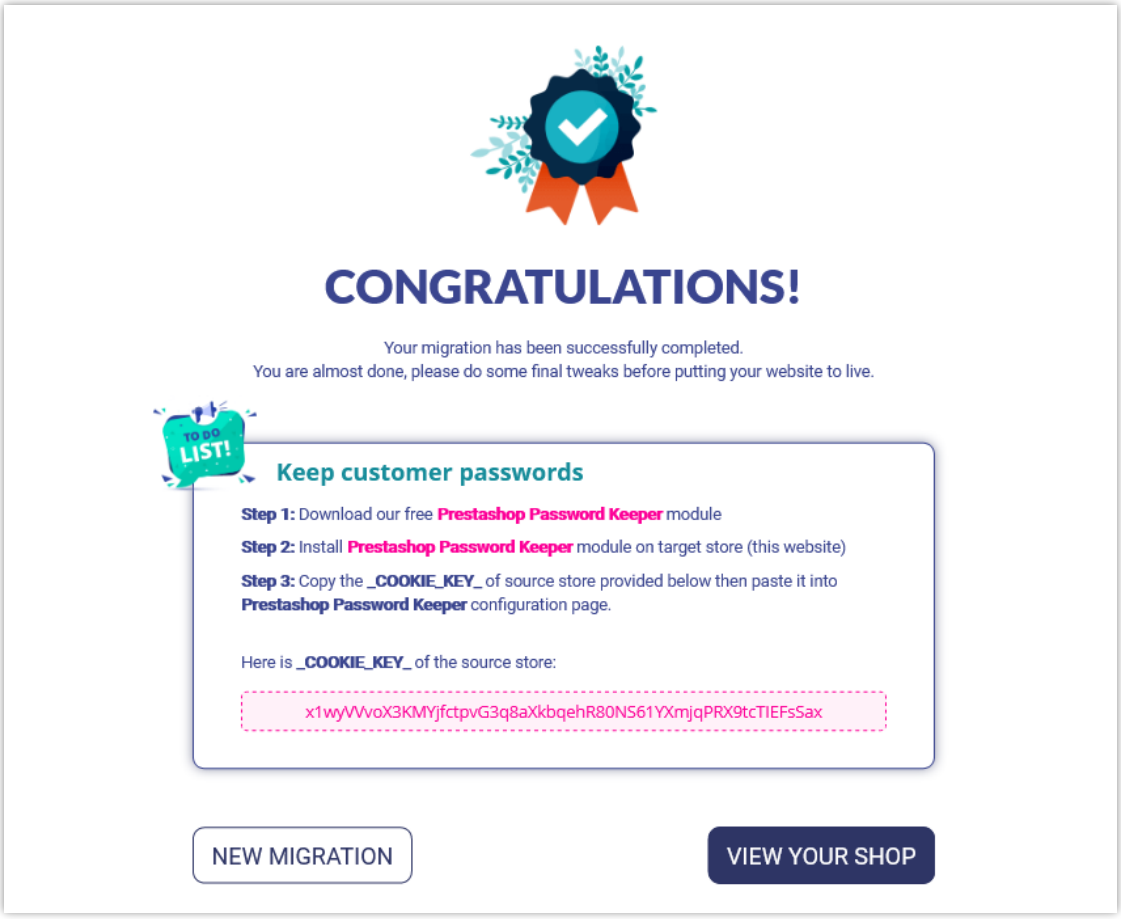


4. Enjoy new store!

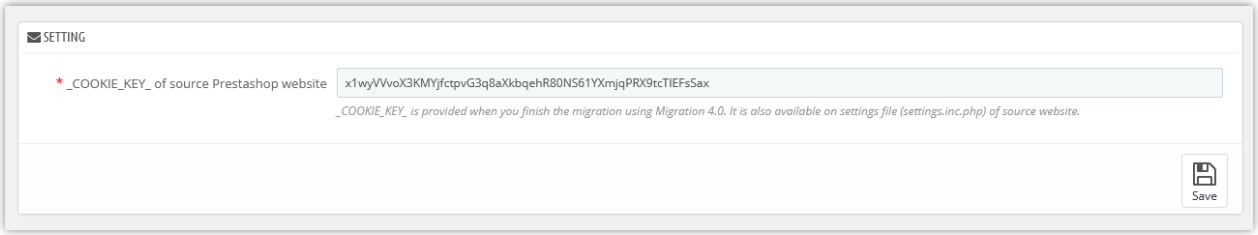
Your migration is now completed. All data entities have been successfully migrated from the source store.

4.1. Keep customer passwords

- If you haven't installed "**PrestaShop Password Keeper**" module, the "**MigrationPro Flow**" module will automatically install it during the migration process and automatically fill in the ***_COOKIE_KEY_*** on the target store.



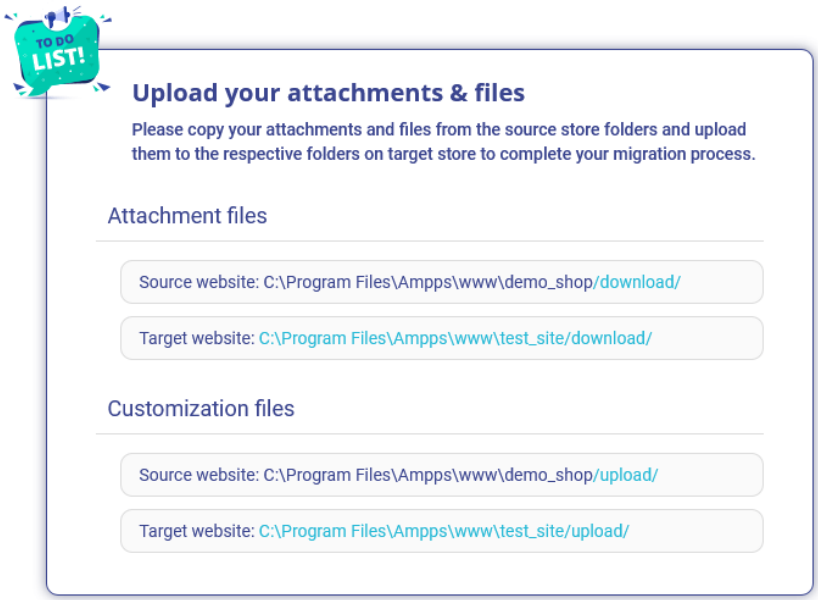
- Open the "**PrestaShop Password Keeper**" module's configuration page to see the ***_COOKIE_KEY_***.



4.2. Manually migrate images, attachments and files

By default, **MigrationPro Flow** will **automatically migrate all images, attachments, and files** from the source store to the target store. We recommend you select this automatic migration feature for your images, attachments, and files if your source store has small to medium data sizes.

Otherwise, if you select to migrate images/files on the previous step manually, you will find the list of folders that need to be copied to the target store manually. You can use **FTP software** or **cPanel** to upload the images/files to the target store.





Upload images

Please copy images from the source store folders and upload them to respective folders on the target store to complete your migration process.

Product images

Source website: C:\Program Files\Ampps\www\demo_shop/img/p/

Target website: C:\Program Files\Ampps\www\test_site/img/p/

Product category images

Source website: C:\Program Files\Ampps\www\demo_shop/img/c/

Target website: C:\Program Files\Ampps\www\test_site/img/c/

Manufacturer (Brand) images

Source website: C:\Program Files\Ampps\www\demo_shop/img/m/

Target website: C:\Program Files\Ampps\www\test_site/img/m/

Carrier images

Source website: C:\Program Files\Ampps\www\demo_shop/img/s/

Target website: C:\Program Files\Ampps\www\test_site/img/s/

Blog gallery images

Source website: C:\Program Files\Ampps\www\demo_shop/img/ybc_blog /gallery/

Target website: C:\Program Files\Ampps\www\test_site /img/ybc_blog/gallery/

IV. THANK YOU

Thank you again for purchasing our product and going through this documentation. We hope this document is helpful and efficient in the installation and usage of **MigrationPro Flow** module. If you do have any questions for which the answer is not available in this document, please feel free to contact us.