Shop By Brand

Installation manual

To install the extension follow the instructions below:

- Backup your web directory and store database

- Get the Shop By Brand name and version in your Marketplace account:
Login to Magento Marketplace with the username and password you used to
purchase the Shop By Brand extension;

- Enter the My Purchases section: **Your name (top-right corner of the page) > My
Profile > My Purchases;**

- Find Shop By Brand and click **Technical details.**

- Copy the provided component name and version in order to update your
composer.json file.

- **Note:** *We advise you to use the latest version of our extension.*

- Update your composer.json file:

- Open the root Magento directory on your server and send Composer the following
command:

```
Composer require <Shop_by_Brand>:<version>
```

- At the Composer request, enter your Magento marketplace credentials (public key -
username, private key - password).

- Make sure that Composer finished the installation without errors.

- Flush store cache, log out and log in the backend again.

The Shop By Brand extension is now installed and ready for work.

Use Magento [Dev Docs](#) for more details.

Migrating Shop by Brand from Magento 1

What should I know before migrating the Aheadworks Shop by Brand for M1 to Shop by
Brand for M2?

Consider the following information as a top priority, othertwise the migration might
result in an accidental data loss.

1. **[Magento Data Migration Tool](#) is required to be installed prior to starting the migration.**
   The migration script relies heavily on the Magento Data Migration tool. Understanding how it works will be useful during the migration process.

2. **Backup the Magento 2 databases before performing the migration. This way, you will be able to revert any changes.**
   Shop by Brand migration might involve rewriting database tables, backup is advised.

3. **All attached files (such as brand-related images) should be migrated manually.**

   More information on manual migration can be found in the Magento instructions on manual migration.

Video Guide

A similar migration process is described in the educational Video Guide on the Aheadworks Youtube channel. Don't forget to enable subtitles for the video to follow the data migration process.

Migration Process

Below you can see the migration guide with a more detailed, step-by-step description.

1. Log into your Magento server as a file owner and navigate to the directory where you have your Magento 2 store installed.

   For example:

   ```
   cd /var/www/my_magento2_store/
   ```

2. Install the Magento Data Migration Tool.

   The installation instructions for the Magento Data Migration Tool along with the basic information can be found here:
   http://devdocs.magento.com/guides/v2.0/migration/migration-tool-install.html

   Magento provides the two ways of installing the Data Migration Tool:

   - Installing the tool from GitHub
   - Installing the tool from repo.magento.com

To make sure that the Migration Tool was installed successfully, navigate to vendor/magento/.

3. Download the **Shop by Brand migration distributive** and unpack it to the required location.

   The Shop by Brand migration distributive can be found in the extension package (since the 1.2.0 version):

   https://ecommerce.aheadworks.com/awlicensing/index/links

   Unpack the contents of the distributive and find the /**etc** and /**scr** folders inside.

4. Copy the contents of the Shop by Brand migration distributive to the Magento Data Migration Tool's main folder.

   Copy the /**etc** and /**scr** folders included in the RMA migration package to vendor/magento/data-migration-tool/.

   Rewrite on prompt.

5. Edit the **config.xml** file in the Magento Data Migration Tool

   Navigate to vendor/magento/data-migration-tool/etc/aw_sbb/ and open **config.xml** for edit.

   For more information about tag values, read the Magento Data Migration Tool configuration instructions.

   > **Pay close attention to the following tags**:
   >
   > **<aw_sbb_brand_product_attribute_code>** - an attribute code which is used as a brand attribute (manufacturer is by default).
   >
   > **<aw_sbb_create_attribute_if_not_exist>** - defines whether the attribute (above) should be created (in case it has not been manually created yet) or not (**false** is set by default).
   >
   > **<aw_sbb_create_attribute_option_if_not_exist>** - defines whether an attribute option should be created or not (**false** is set by default).

6. Run the migration script in the console

   To start the migration process, run the following command considering the path to **config.xml**:

   ```
   bin/magento migrate:data [-r|--reset] {<path to config.xml>}
   ```

You can also use the following command considering the path to **config.xml**:

```
bin/magento migrate:data -r vendor/magento/data-migration-
tool/etc/aw_rma/config.xml
```

7. Data migration is complete. Make sure to manually migrate the attached files and images.

- Copy all files to the **m1store_root/media/aw_shopbybrand** folder;

- Move the copied files to the **m2store_root/pub/media/aw_sbb/brand** folder.

- The result is **m2store_root/pub/media/aw_sbb/brand/aw_shopbybrand**.

Describing the Migration Process

There is a difference between building a brand in the M1 module and the same process in the M2 module.

In M1 Shop By Brand you can create any number of brands with any products assigned to them.

In M2 Shop By Brand before creating a brand, first, you need to select a product attribute in the extension settings. After that each option of that attribute becomes a brand.

In order to migrate data successfully from M1 to M2, the following has to be done:

1. You can create product attribute manually or let it be created automatically.

Make sure the following options are enabled when creating attribute:

Catalog input type for Store Owner is dropdown.

Use in Layered Navigation: Filterable with results.

Now this attribute can be used for migration.

2. Insert the code of the created attribute into the config tag

<aw_sbb_brand_product_attribute_code> in config.xml.

If you decided to allow the attribute to be created on the fly, then put any code to **<aw_sbb_brand_product_attribute_code>**

and type **true** for the **<aw_sbb_create_attribute_if_not_exist>** config.

3. For each M1 brand migrated to M2, there will be an option (a value for the attribute) created with the name of brand's title.

To create the option automatically, you need to type **true** for the **<aw_sbb_create_attribute_option_if_not_exist>** config.

The best config is:

<aw_sbb_brand_product_attribute_code>any_code</aw_sbb_brand_product_attribute_code>

<aw_sbb_create_attribute_if_not_exist>true</aw_sbb_create_attribute_if_not_exist>

<aw_sbb_create_attribute_option_if_not_exist>true</aw_sbb_create_attribute_option_if_not_exist>

After the migration is completed, the attribute will be automatically selected as a brand attribute in the extension settings.

Flush the cache to see the result.

Note that each attempt to migrate the data will remove all the previously created brands.