

# Power Bi Connector for Magento 2 Admin & User Guide

## Installing the extension

### Extension requirements

Magento 2 Version: **2.3.\***

### Manual installation

1. Backup your web directory and store database
2. Download the Magento 2 Power BI Connector installation archive
3. Copy files to ./app/code/Alphaserve/PowerBi folder (create it if doesn't exist!)
4. Navigate to your store root folder in the SSH console of your server:

```
cd path_to_the_store_root_folder
```

run:

```
php -f bin/magento module:enable Alphaserve_PowerBi
```

```
php -f bin/magento setup:upgrade
```

```
php -f bin/magento setup:static-content:deploy
```

5. Flush store cache; log out from the backend and log in again.

```
php -f bin/magento cache:clean
```

**Important:**

The extension requires scheduled tasks to run periodically.

Your Magento 2 must be configured for running [Cron Jobs](#)

(<https://devdocs.magento.com/guides/v2.3/config-guide/cli/config-cli-subcommands-cron.html>)

# Configuration settings

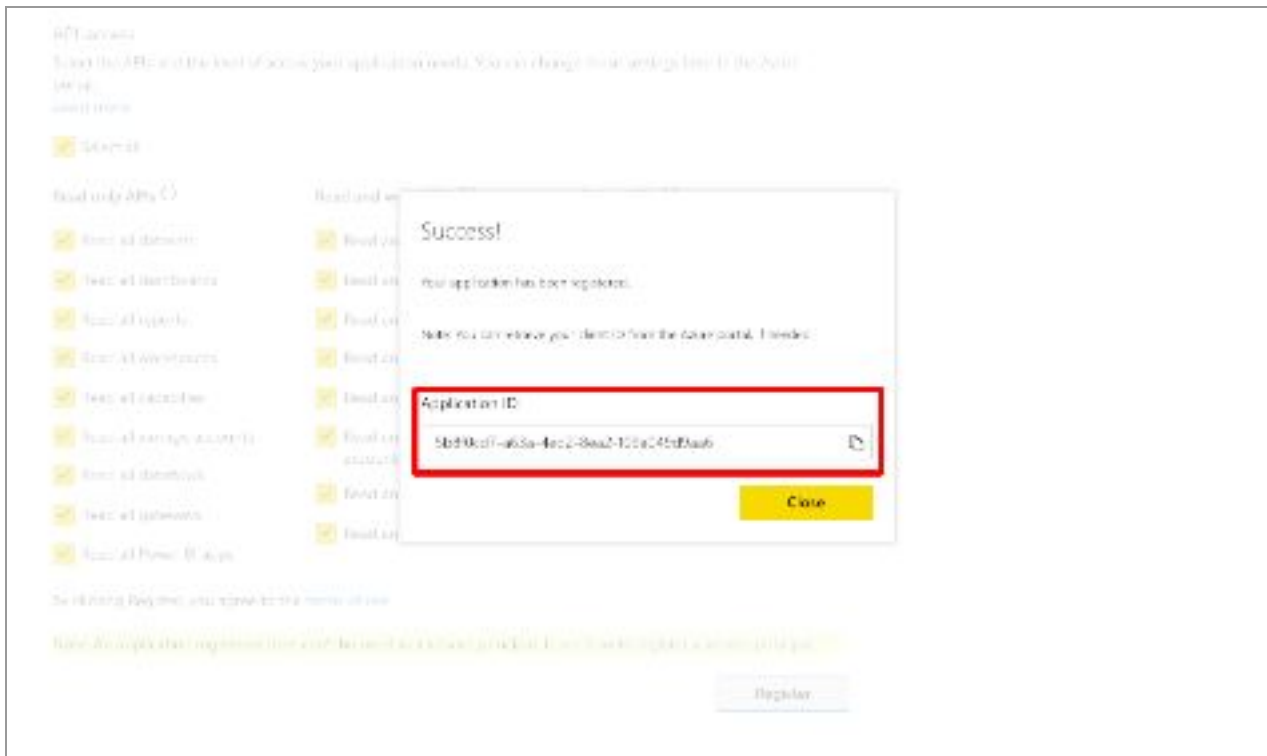
## Power BI App registration

Power BI Extension is integrated with Azure Active Directory (Azure AD). The following is needed in order to start using Power BI Integration Extension: Azure Active Directory tenant, an organizational user, and a Power BI service account. The extension uses a Client ID to identify itself to Azure AD with `Silent` Authorization method.

Microsoft has developed a tool to simplify the process of Power BI App registration:

<https://dev.powerbi.com/apps>. Please, enter the following options during the usage of the tool:

- Use “Native (for apps that run on client devices, such as Android, iOS, Windows, etc.)” as Application Type.
- Select all permissions.

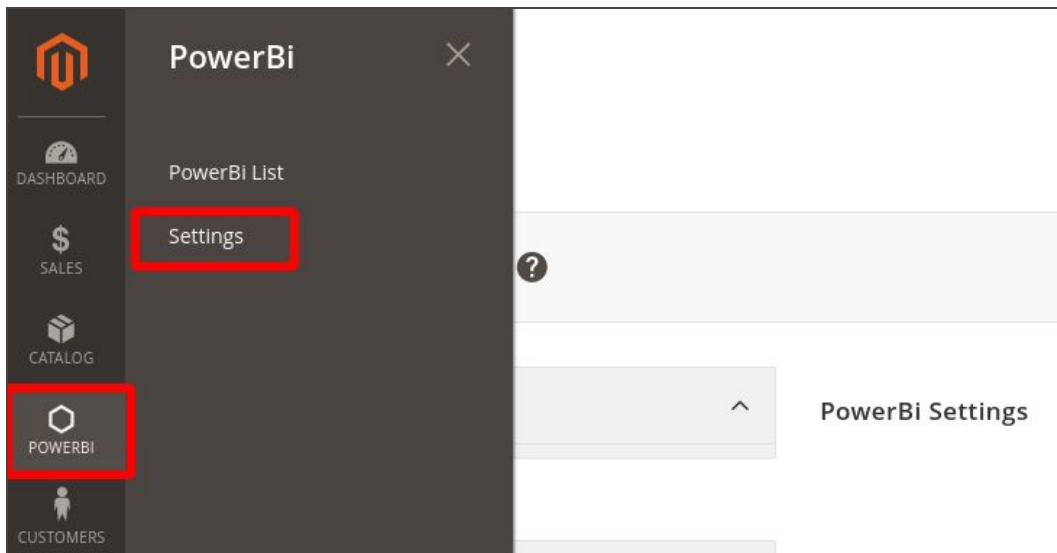


If the tool does not work, you should check the Power BI documentation from Microsoft for information on how to configure the Power BI App and obtain a Client ID:

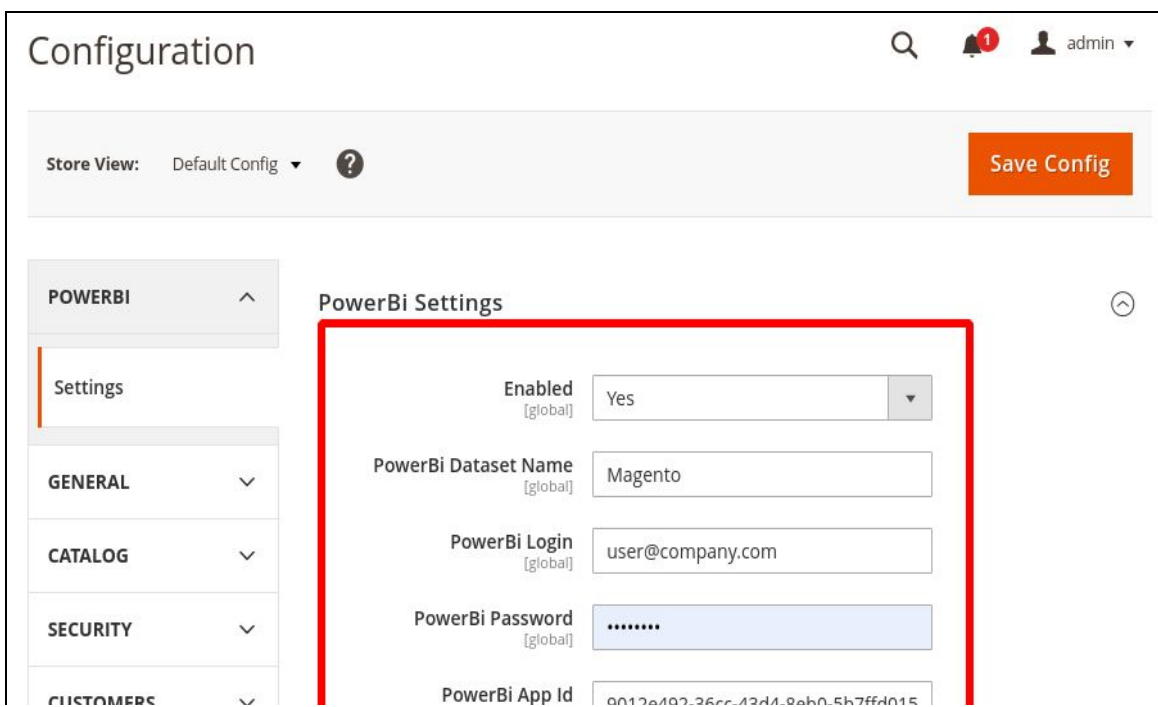
<https://docs.microsoft.com/en-us/power-bi/developer/register-app>

## Power BI Connector extension configuration

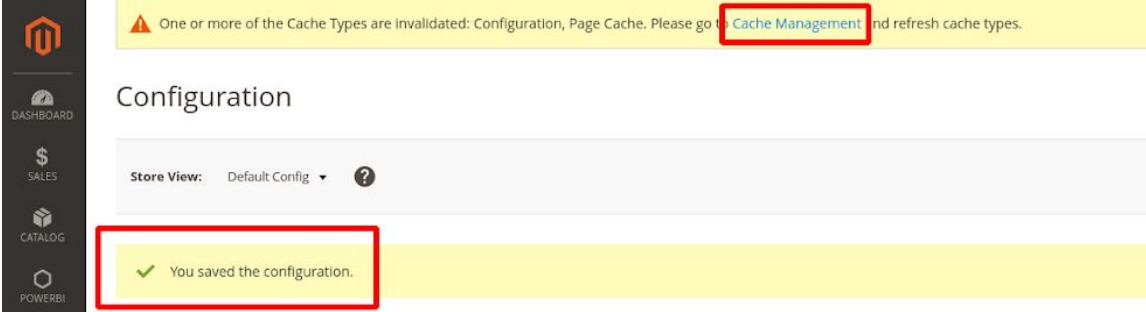
1. Login as Admin to Magento 2 Administration panel
2. Go to Power BI Connector extension Configuration section



3. Configure the extension settings:
  - a. Set 'Enable' to activate export.
  - b. Specify the Dataset Name for Power BI service
  - c. Set credentials for access to Power BI API (account, password, APP ID)



4. 'Save' setting extension validates credentials, also do not forget refresh Cache



# Common Magento 2 Issues and Their Solutions

## 1. The user or administrator has not consented to use the application

If you got an error like this:

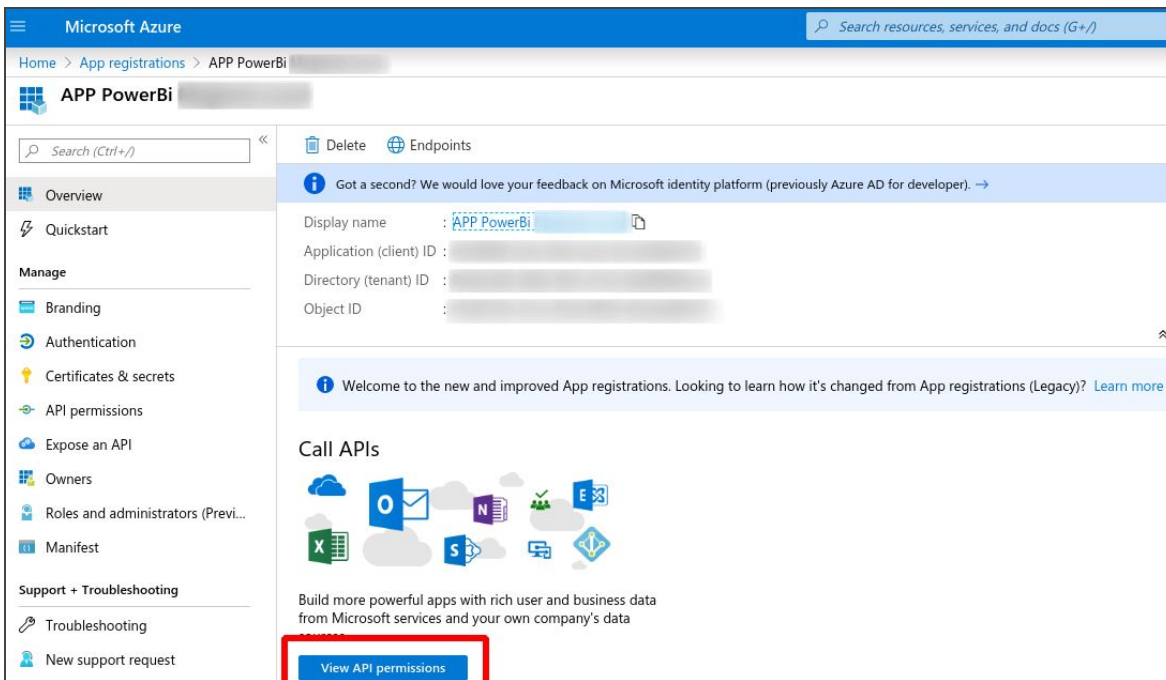
AADSTS65001: The user or administrator has not consented to use the application with ID '43ef994f-\*\*\*\*-\*\*\*\*-\*\*\*\*-0cc5a346335c' named 'APP Name'. Send an interactive authorization request for this user and resource.

The simple solution is a “Grant admin consent for company.com”

- Login to Azure portal as Administrator
- Go to App Registration service



- Select your App and go to View API Permission page



- Click on “Grant admin consent for ...” button

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as p  
all the permissions the application needs. [Learn more about permissions and consent](#)

[+ Add a permission](#) [Grant admin consent for \[redacted\].com](#)

API / Permissions name	Type	Description
▼ Azure Active Directory Graph (1)		

**Important:**  
Your account should have Global Administrator Role to act with this setting properly.