# Working with Espressive Barista and Microsoft Azure

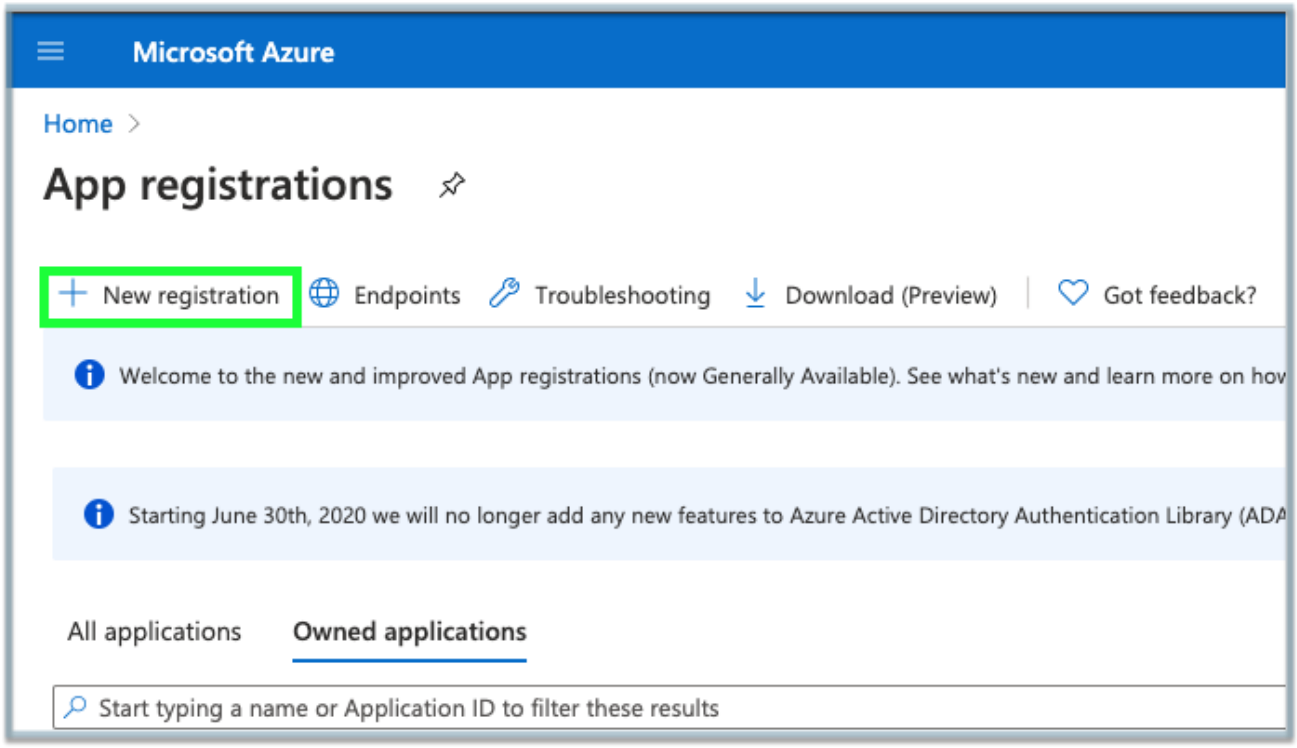
## Password Reset for Azure

Barista has the ability to reset the password for users who have forgotten or do not have access to start with. In order to have this working for Azure Active Directory some additional steps are needed.

### Creating an App Registration

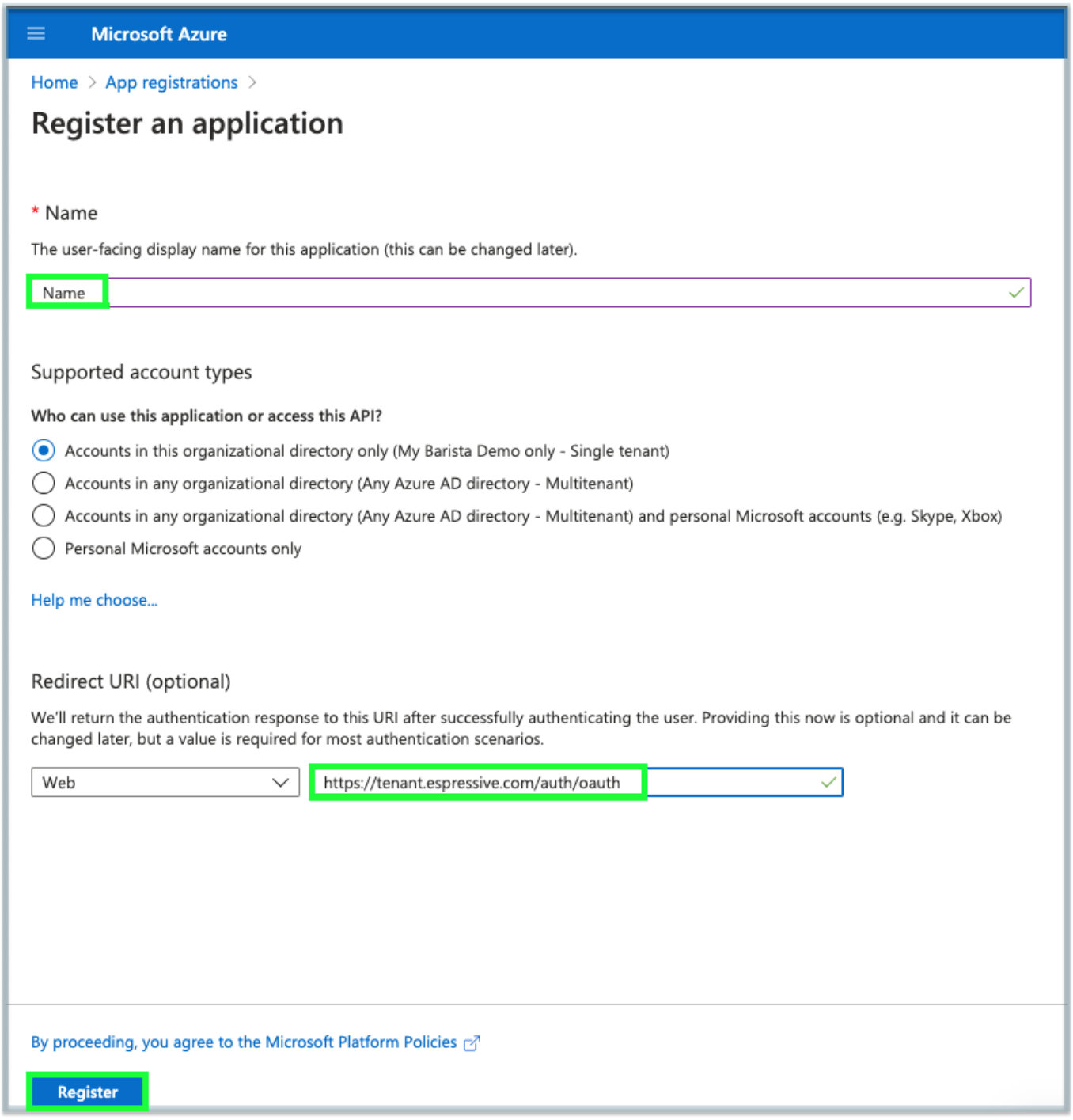
In order to connect your tenant to Active Directory, first create an app registration, in case you already have one you can skip these steps, otherwise this can be done as follows:

1. Log in to Azure as an admin user. Global Admin is always a preferable role.
2. Type **App Registrations** into the search box.
3. Click on **App Registrations**.
4. Click on **New Registrations**.



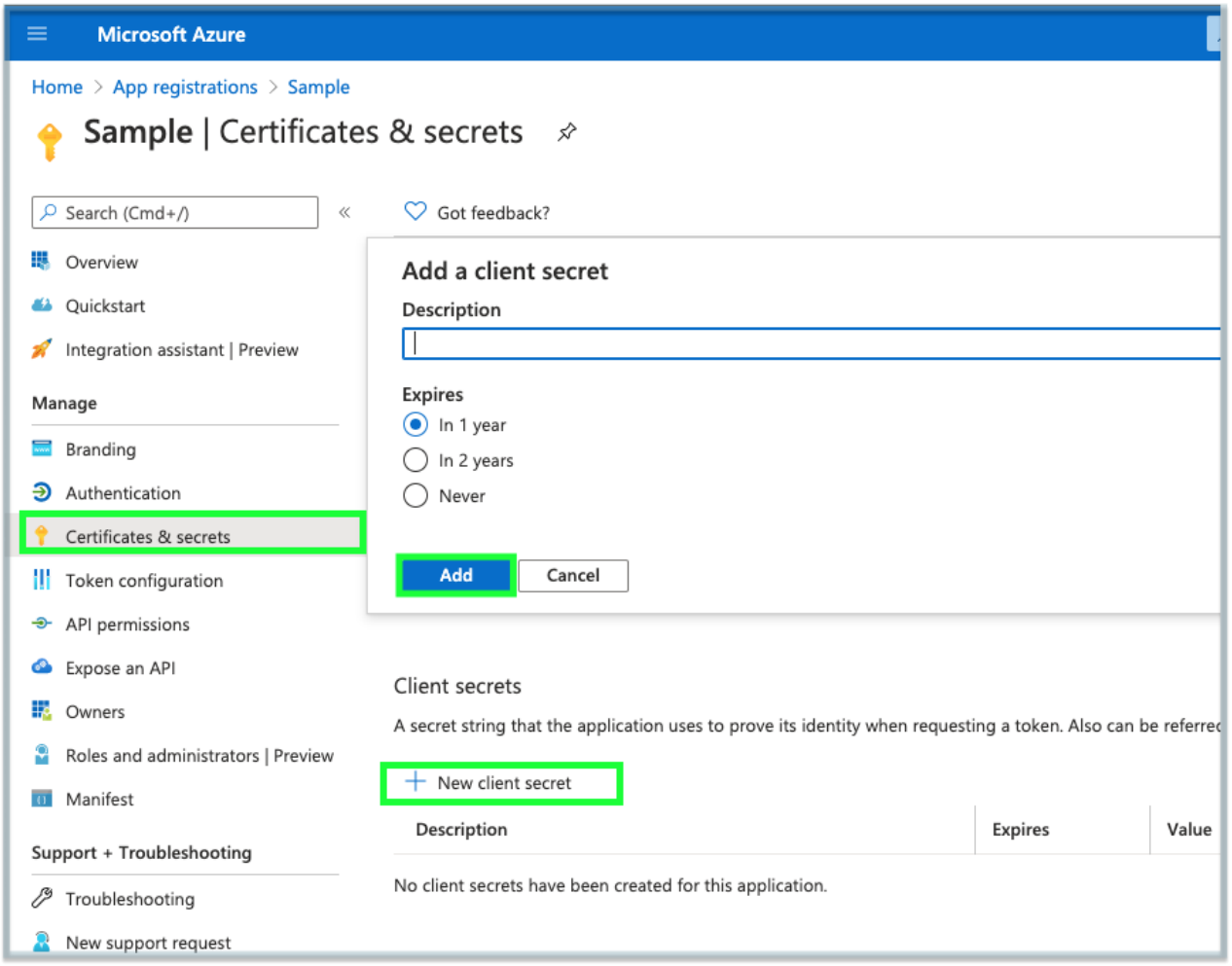

5. Provide a name for the registration, preferably descriptive and unique.
6. In the **Redirect URL** section:
    6.1 Select Web option in the dropdown.
    6.2 In the text field, type: `https://{tenant}.espressive.com/auth/outh`

7. Click **Register**.




8. On the app registration page, click on **Certificates & secrets**.
9. Scroll down to the **Client Secrets** section.

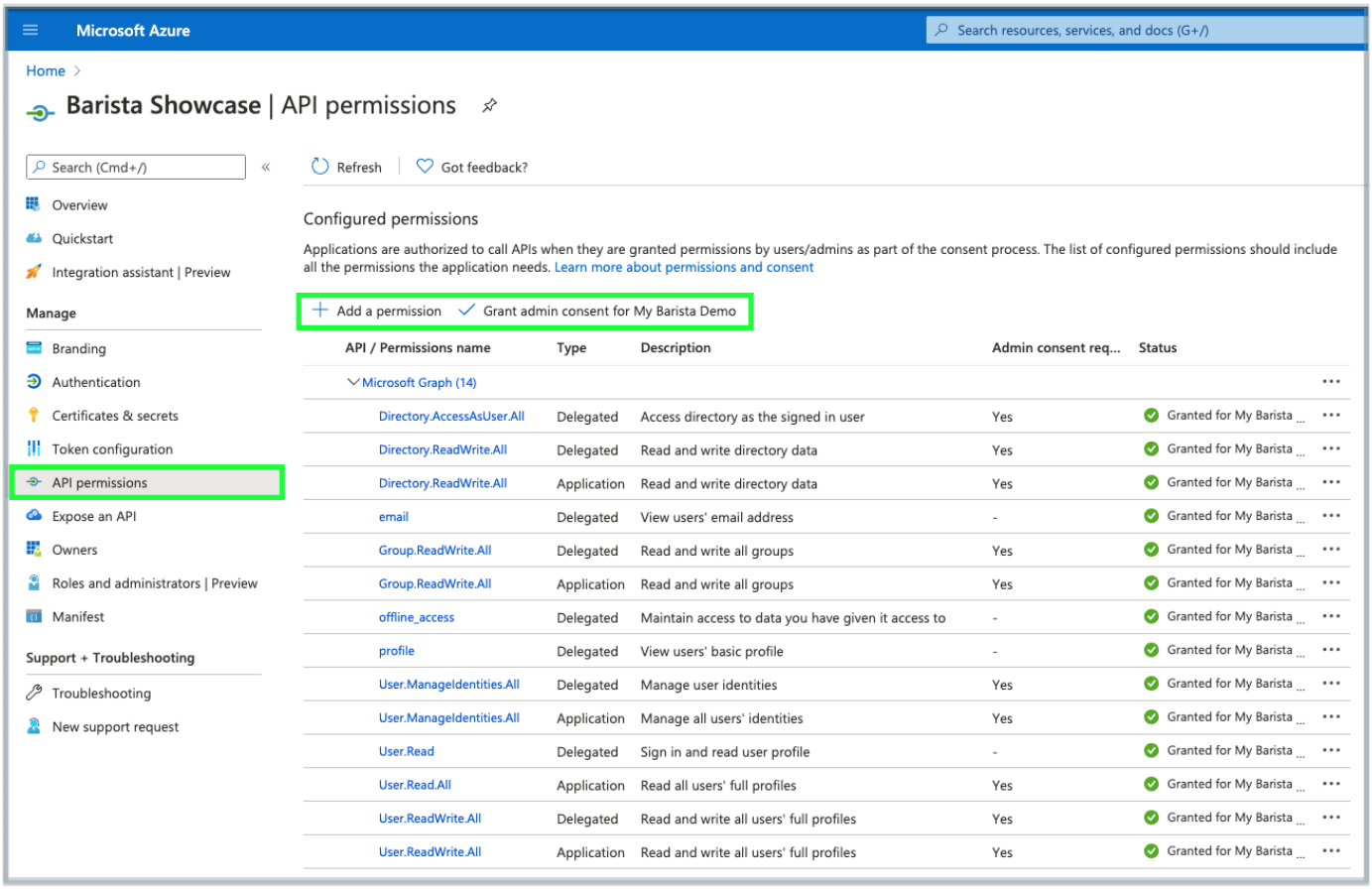
10. Click on **New client secret**.
11. Provide a descriptive name for it and click **Add**.



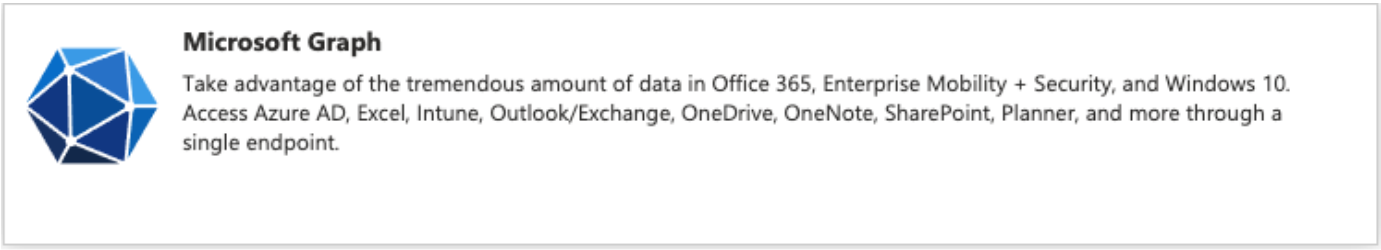

### App Registration Permissions

Once an app registration is in place, you need to provide proper permissions to reset passwords.

1. Click on **API permissions**.
2. Click on **Add a permission**.




3. Click on Microsoft Graph.



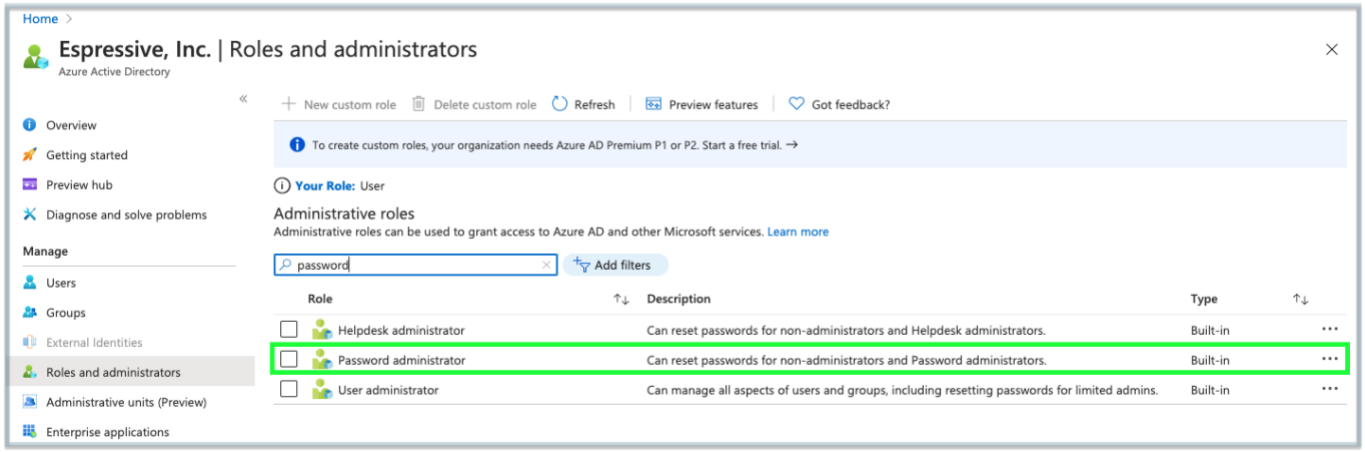

4. Select the permissions listed in the table below.
5. Click Gran admin consent for {tenant}.

| Permission | Type | Description |
|---|---|---|
| Directory.AccessAsUser.All | Delegated | Access directory as the signed-in user |
| Directory.ReadWrite.All | Delegated | Read and write directory data |
| Directory.ReadWrite.All | Application | Read and write directory data |
| email | Delegated | View users' email address |
| Group.ReadWrite.All | Delegated | Read and write all groups |
| Group.ReadWrite.All | Application | Read and write all groups |
| offline_access | Delegated | Maintain access to data you have given it access to |
| profile | Delegated | View users' basic profile |
| User.ManageIdentities.All | Delegated | Manage user identities |
| User.ManageIdentities.All | Application | Manage all users' identities |
| User.Read | Delegated | Sign in and read user profile |
| User.Read.All | Application | Read all users' full profiles |
| User.ReadWrite.All | Delegated | Read and write all users' full profiles |
| User.ReadWrite.All | Application | Read and write all users' full profiles |

### Assign Role

You need to assign the Password Administrator role to the User Principal associated with your app registration.

1. Go to Azure Active Directory.
2. Click on **Roles and administrators** form the menu on the left.
3. Inside this section search for "Password administrator."
4. Click on the **Password administrator** option.




5. Click on **Add assignments**.
6. On the left side menu, search for your app registration name.
7. Select the app registration listed.
8. Click on **Add**.