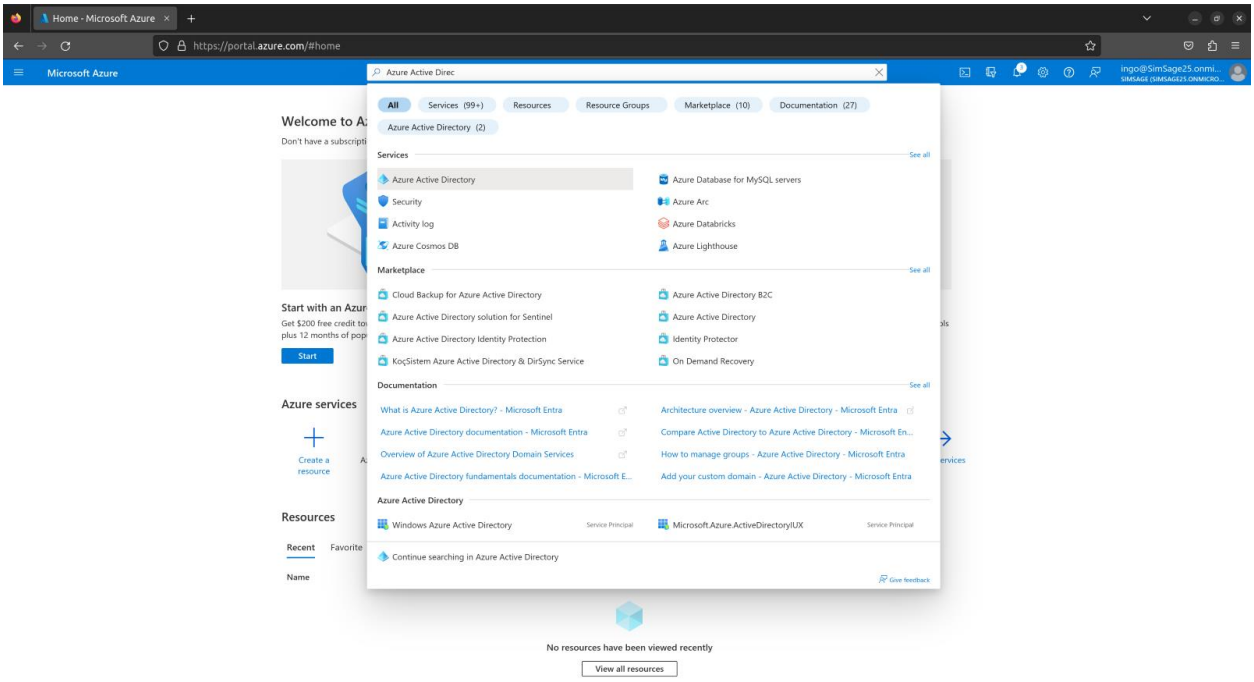
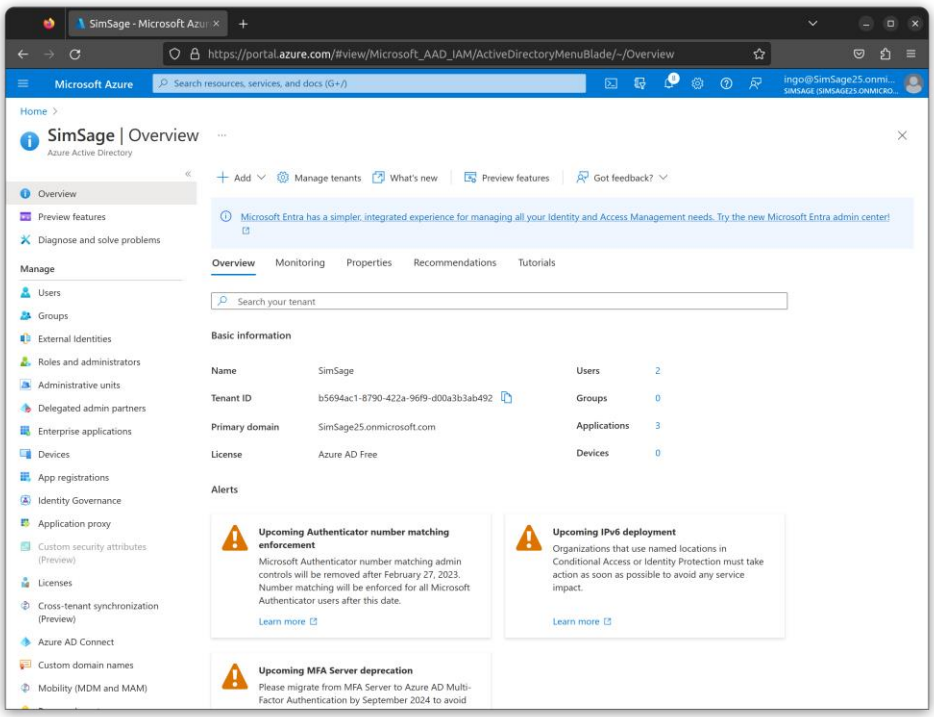
Sharepoint 365 Crawler Setup

This is a short guide aimed at showing how to configure Microsoft Azure to enable the SimSage Sharepoint 365 crawler.

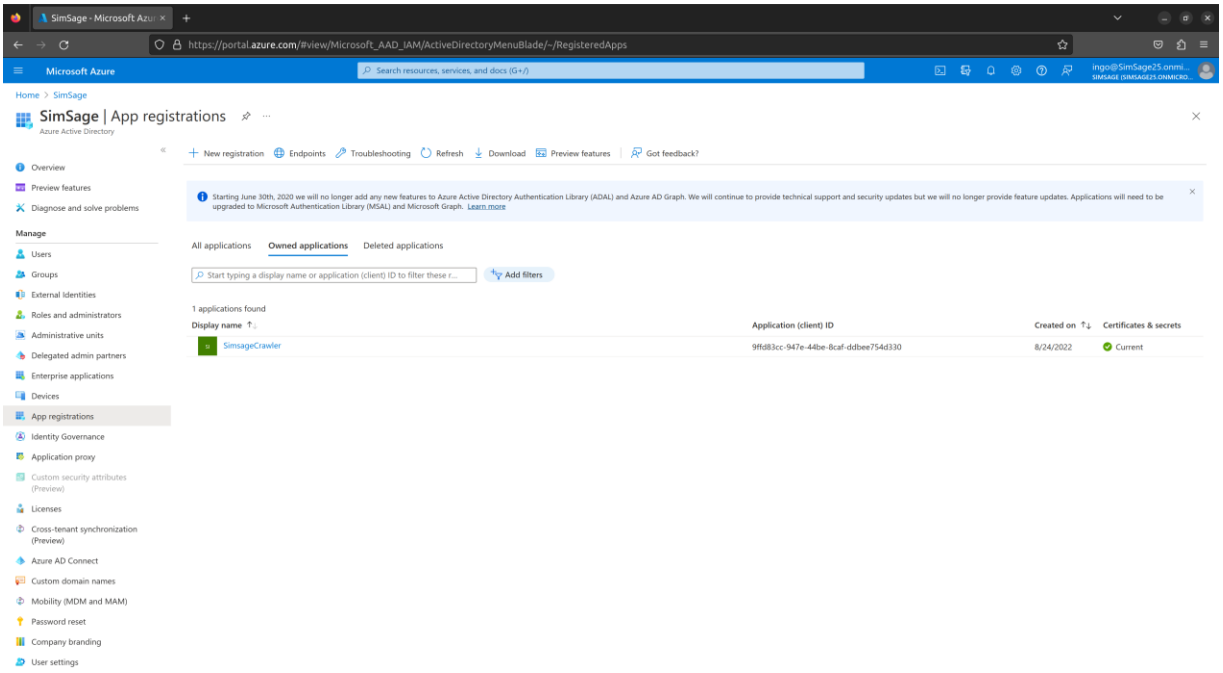
You need to be an administrator for your Office 365 setup for this to work. Sign-in to https://portal.azure.com/ Search for “Azure Active Directory” and select it



Copy the Tenant Id. We will need this later to configure the crawler

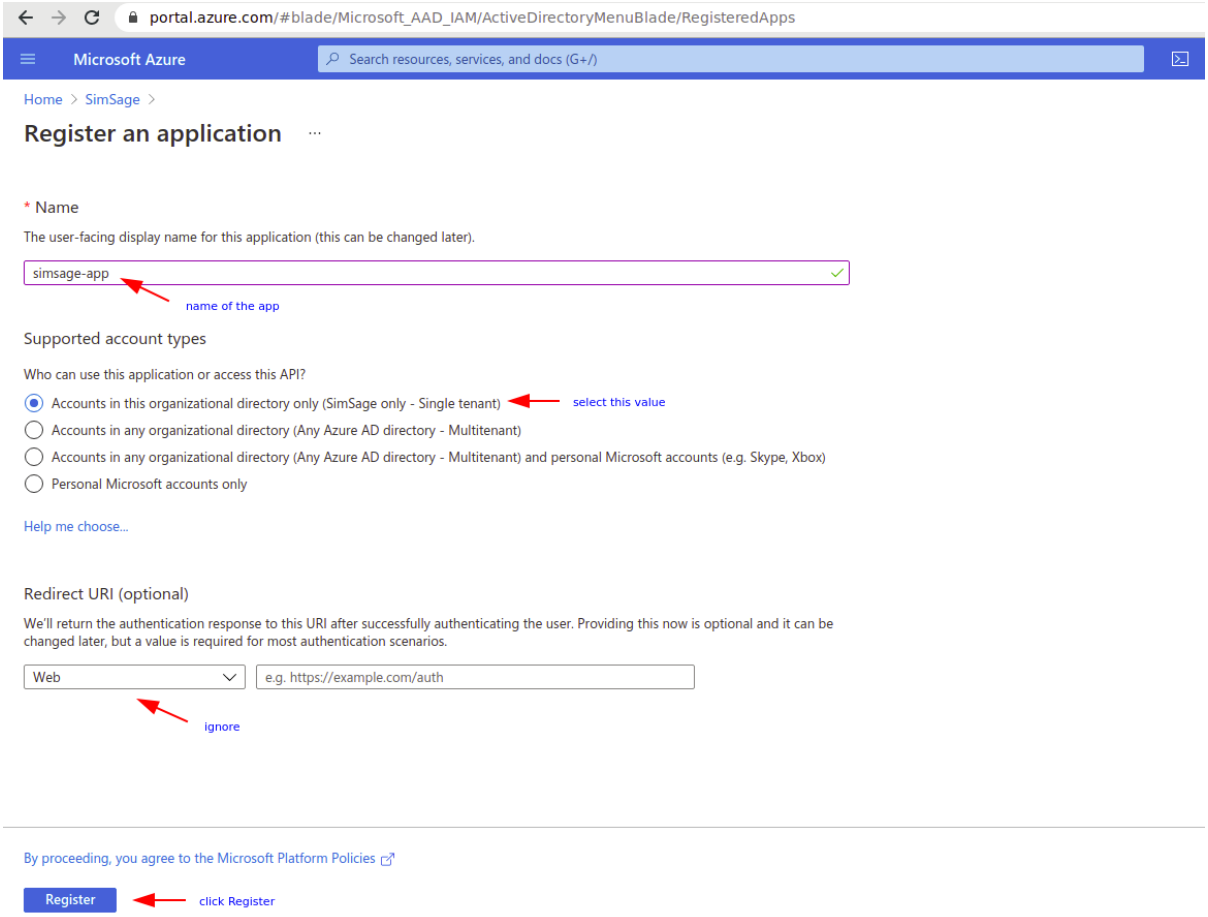


Next click on “App registrations” on the left-hand side menu and click on “+ New registration” at the top menu bar of the App registrations screen.

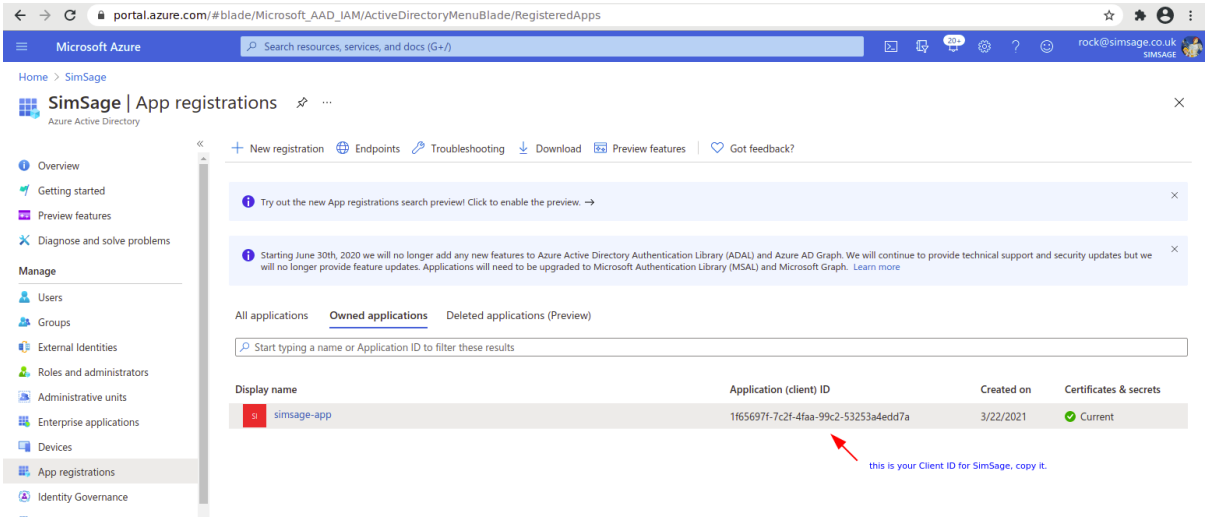


In the Name section, enter a meaningful application name, for example simsage-app. In the Supported account types section, select Accounts in this organizational directory only (<tenant name> only – Single tenant), where <tenant name> is the name of your Azure tenant. Click “Register” button at the bottom to create the application.

Note, no redirect URL is required here.

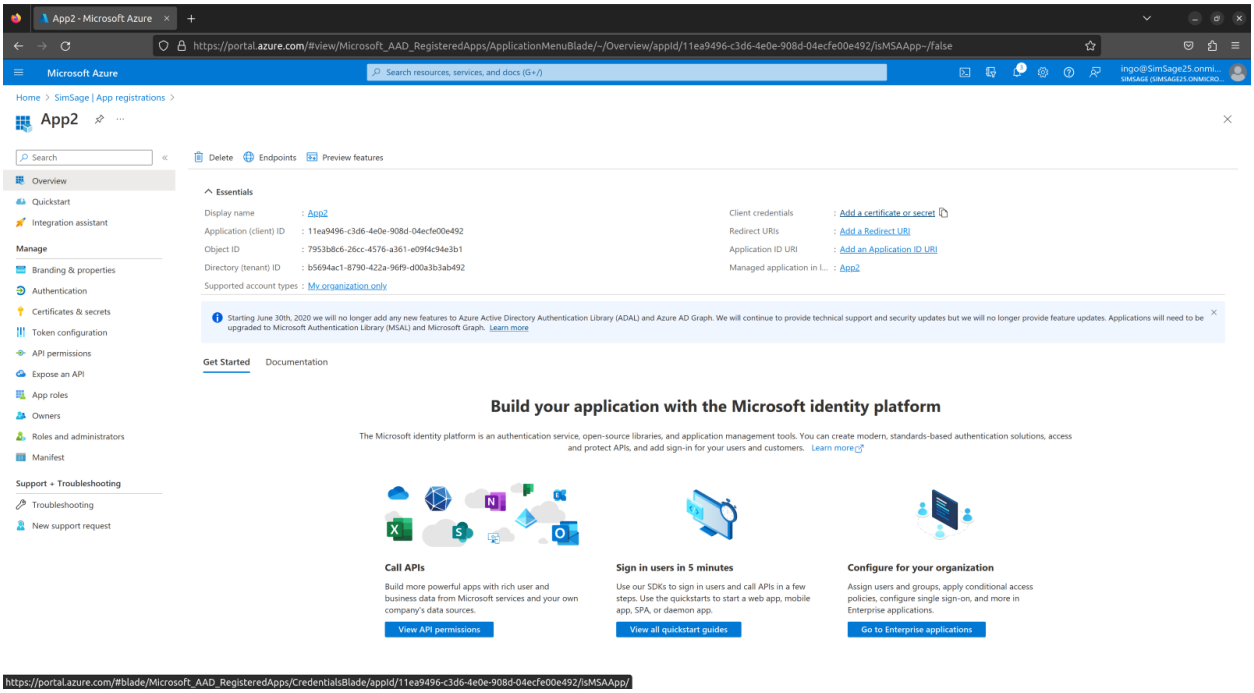

portal.azure.com/#blade/Microsoft_AAD_IAM/ActiveDirectoryMenuBlade/RegisteredApps
Microsoft Azure
Search resources, services, and docs (G+/)
Home > SimSage >
Register an application
* Name
The user-facing display name for this application (this can be changed later).
simsage-app
name of the app
Supported account types
Who can use this application or access this API?
Accounts in this organizational directory only (SimSage only - Single tenant)
select this value
Accounts in any organizational directory (Any Azure AD directory - Multitenant)
Accounts in any organizational directory (Any Azure AD directory - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)
Personal Microsoft accounts only
Help me choose...
Redirect URI (optional)
We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios.
Web
e.g. https://example.com/auth
ignore
By proceeding, you agree to the Microsoft Platform Policies
Register
click Register

Copy the client Id, we will need it later to set up the Crawler

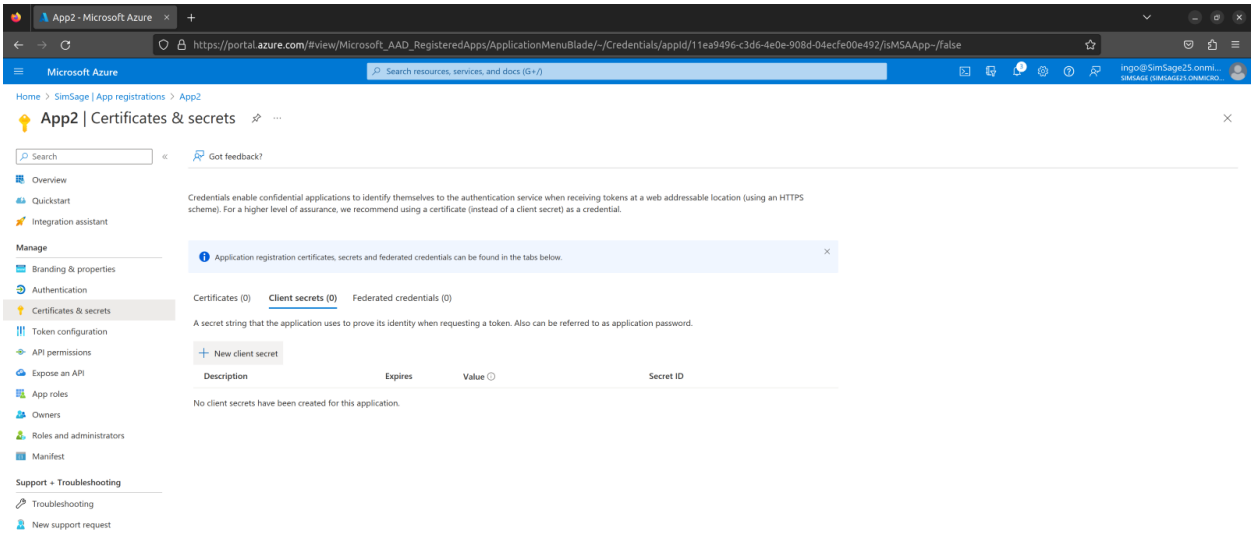


Next, we will need to add a secret to the application

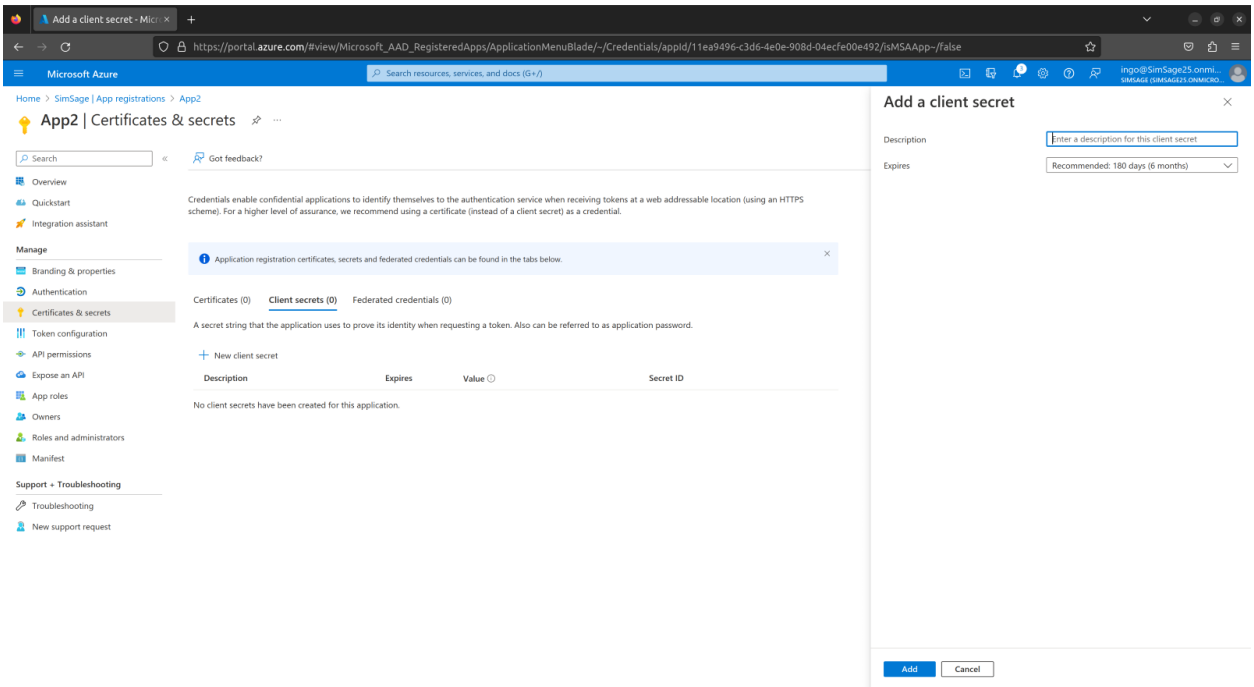
Click on the application and select “Add a Certificate or secret” in the following screen:



Select Client secrets and press “+ New client secret”



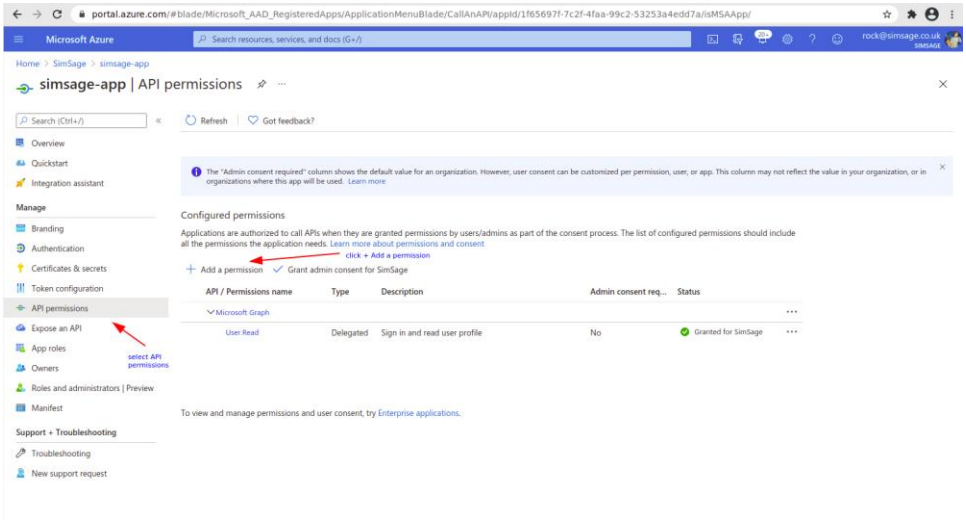
In the Sidebar now displayed, give the Secret an appropriate description and expiry period:



Copy the secret and keep it safe for the crawler configuration.

IMPORTANT this new secret will only show itself once. Copy its value and keep it somewhere safe so you can refer to it when asked by SimSage later.

Lastly, we need to add the relevant Permissions to our Application
Click “API permissions” in the left-hand-side menu. Click “+ Add a permission” in the new pane that appears.

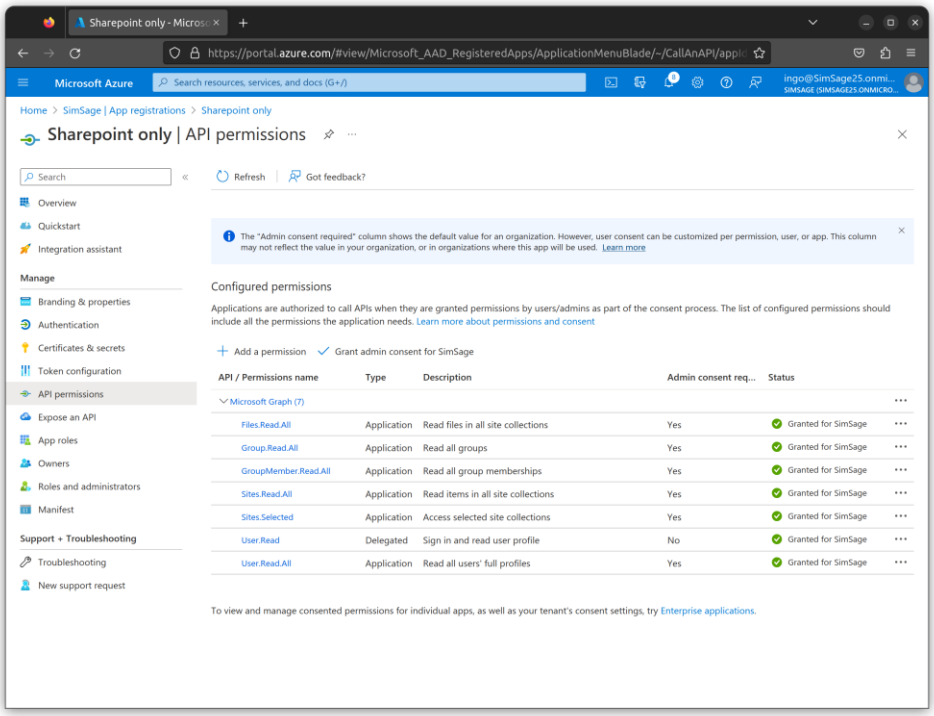


Select “Microsoft Graph” and select “Application permissions”. Then start typing in the “Select permissions” text box.

You need to select the following permissions:

- Files.Read.All
- Group.Read.All
- GroupMember.Read.All
- Sites.Read.All
- Sites.Selected
- User.Read
- User.Read.All

Once added make sure the permissions have Admin Consent by pressing “Grant Admin Consent” button:



Now configure the actual Crawler

In the Crawler Dialog select the Sharepoint 365 crawler and on the "shaprepoint 365 crawler” page add the following values:

- Domain name: <Your Azure Tenant Id>
- Client Id: <Application Client ID>
- Client Secret <Application Client Secret>

Now either select “crawl all Sites” to index all of the Sharepoint sites or add a list of comma separated site names to crawl specific sites only.

Press save ...