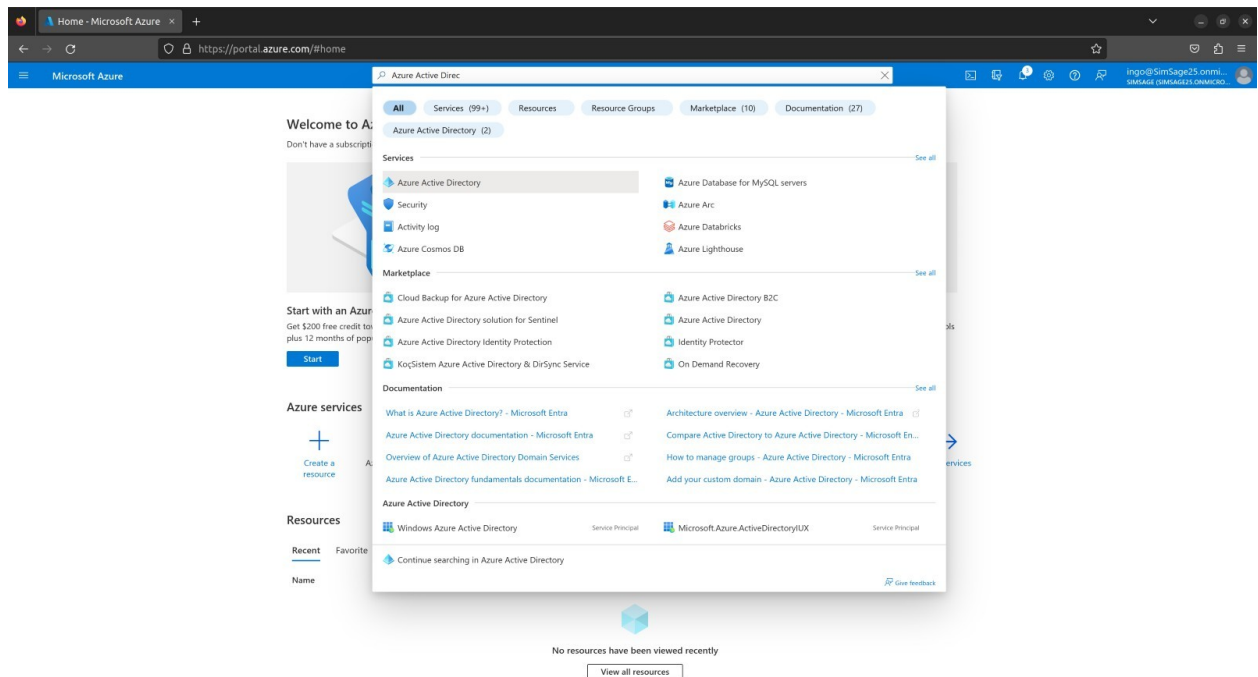


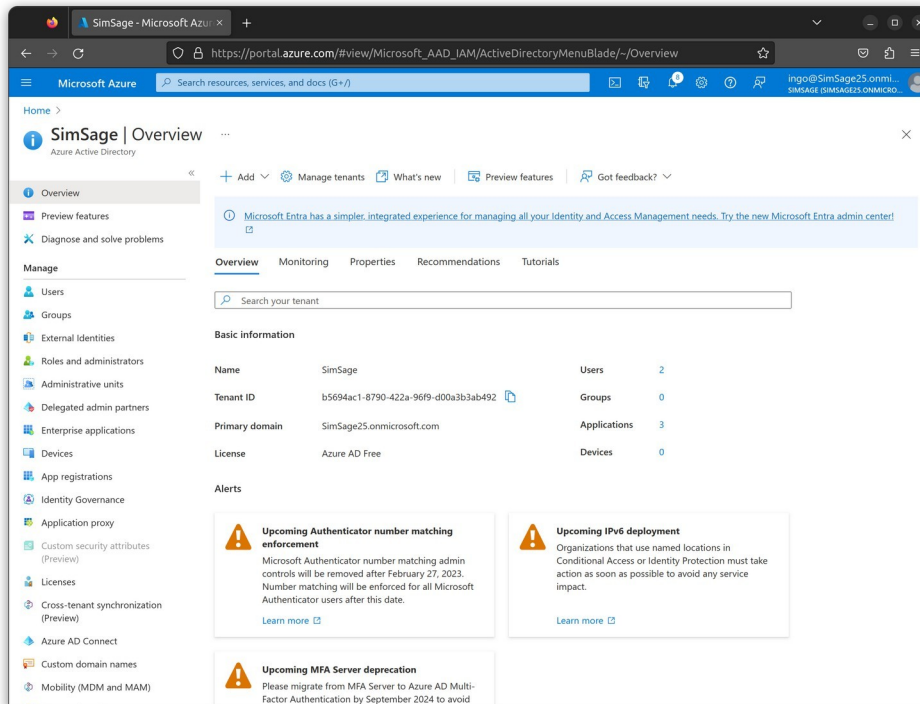
OneDrive Crawler Setup

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

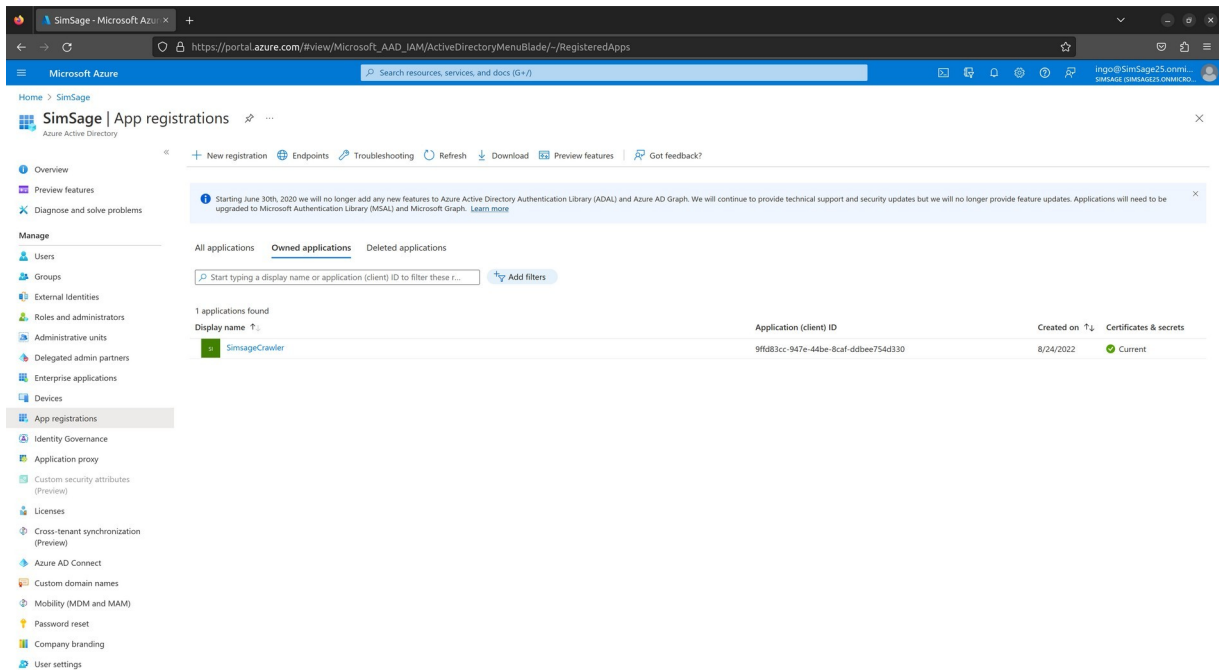
You need to be an administrator for your Office 365 setup for this to work. Sign-in to <https://portal.azure.com/> Search for “Azure Active Directory” and select it



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.

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

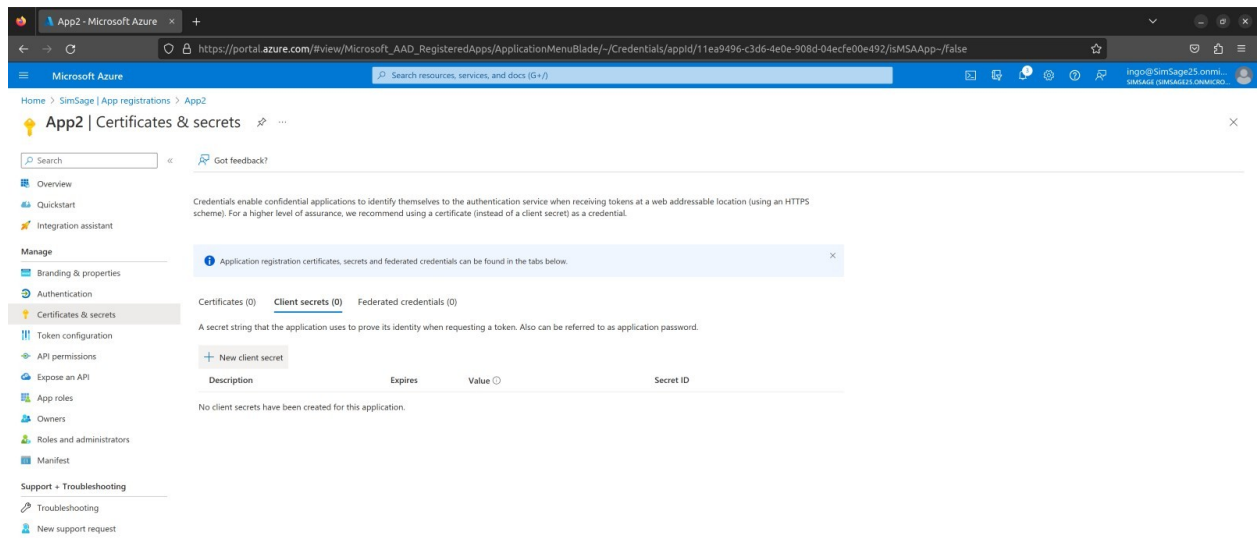
The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo and a search bar. The left sidebar contains a navigation menu with options like Overview, Getting started, Preview features, and Manage. The main content area is titled "SimSage | App registrations" and shows a list of applications. A table lists the applications, with the first entry being "simsage-app". The "Application (client) ID" for this application is "1f65697f-7c2f-4faa-99c2-53253a4edd7a". A red arrow points to this ID, and a text label below it says "this is your Client ID for SimSage, copy it."

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

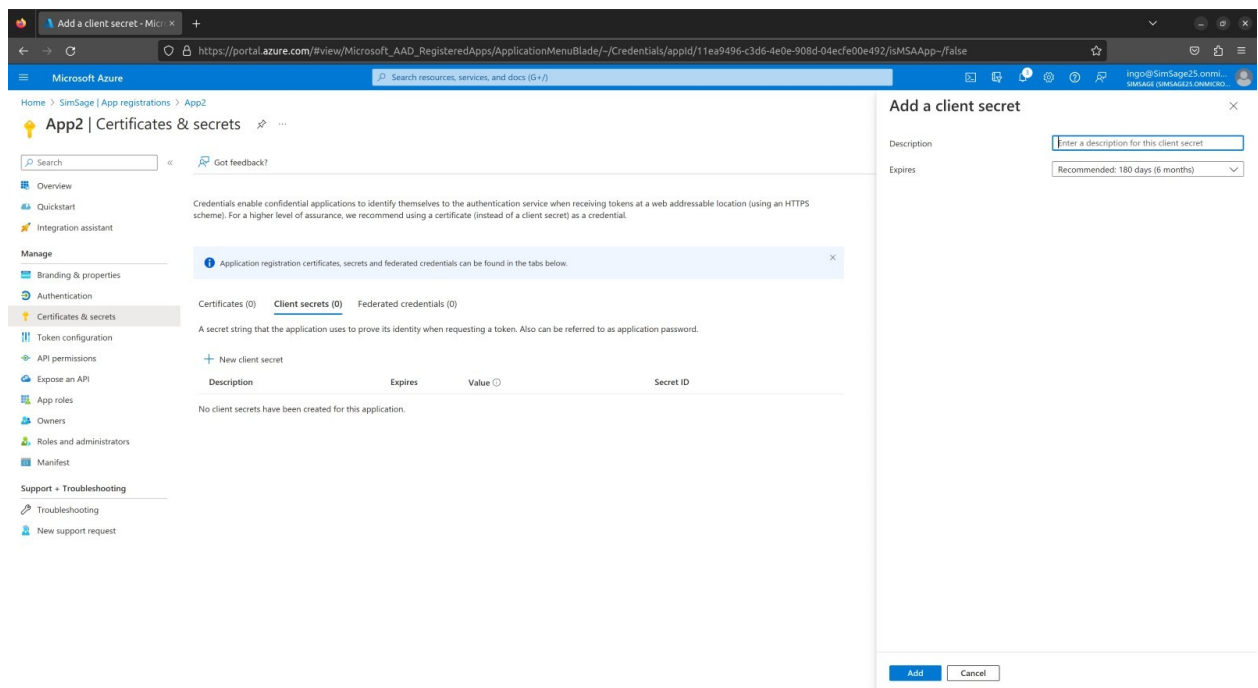
Click on the application and select "Add a Certificate or secret" in the following screen:

The screenshot shows the Microsoft Azure portal interface for the "App2" application. The top navigation bar includes the Microsoft Azure logo and a search bar. The left sidebar contains a navigation menu with options like Overview, Quickstart, Integration assistant, and Manage. The main content area is titled "App2" and shows the details of the application. The "Essentials" section displays the application's name, client ID, object ID, and directory ID. The "Client credentials" section shows the "Add a certificate or secret" link. The "Get Started" section includes links for "View API permissions", "View all quickstart guides", and "Go to Enterprise applications".

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.

The screenshot shows the Microsoft Azure portal interface. The left-hand-side menu is expanded, and the 'API permissions' option is selected, highlighted with a red arrow. The main content area displays the 'API permissions' page for the application 'simsage-app'. The page includes a search bar, a 'Refresh' button, and a 'Got feedback?' link. A notification banner at the top states: 'The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will be used. Learn more'. Below the notification, the 'Configured permissions' section is visible, with a sub-header: 'Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. Learn more about permissions and consent'. There are two buttons: '+ Add a permission' (highlighted with a red arrow) and 'Grant admin consent for Simsage'. Below these buttons is a table with the following columns: 'API / Permissions name', 'Type', 'Description', 'Admin consent req...', and 'Status'. The table contains one entry: 'Microsoft Graph' with a status of 'Granted for Simsage'. At the bottom of the page, there is a link: 'To view and manage permissions and user consent, try Enterprise applications.'

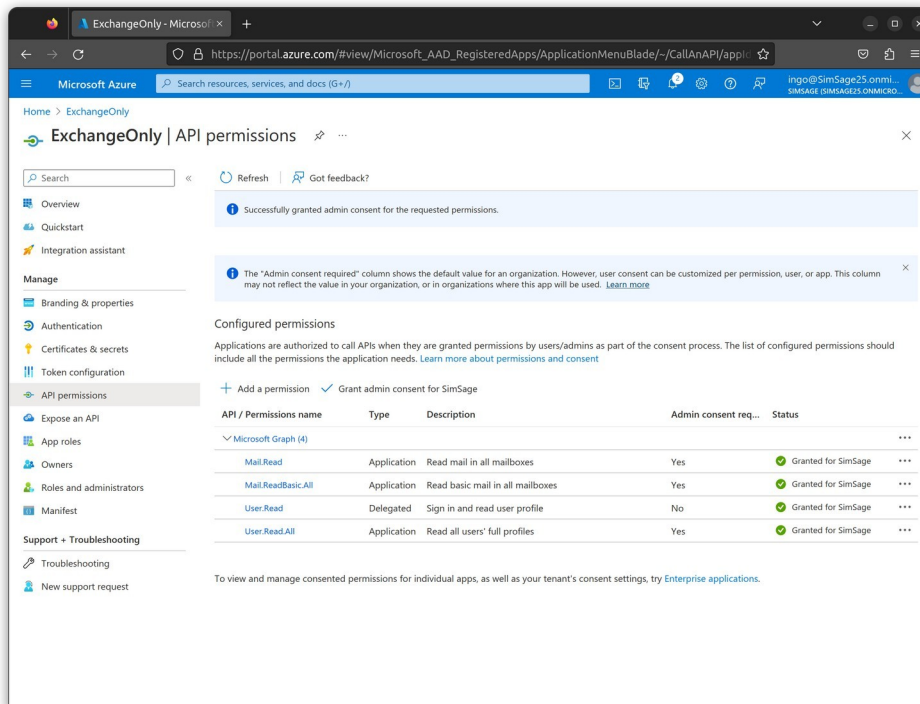
API / Permissions name	Type	Description	Admin consent req...	Status
Microsoft Graph	Delegated	Sign in and read user profile	No	Granted for Simsage

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
- User.Read
- User.ReadAll

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 OneDrive crawler and on the "OneDrive crawler" page add the following values:

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

Press save