



Exchange365 Crawler Setup

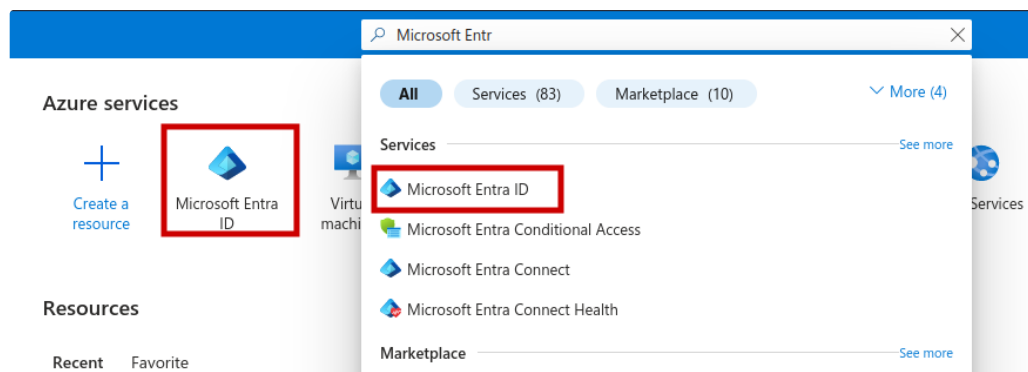
[Introduction](#)

Introduction

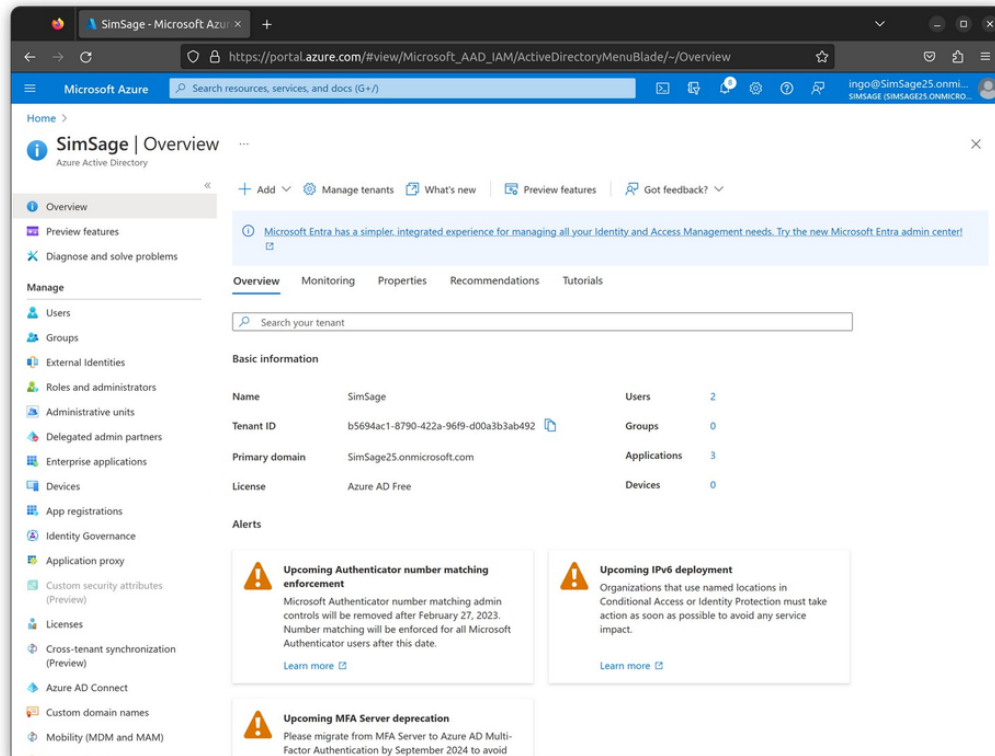
This is a short guide aimed at showing how to configure Microsoft Azure to enable the SimSage Exchange 365 crawler.

You need to be an administrator for your Office 365 setup for this to work. Sign-in to

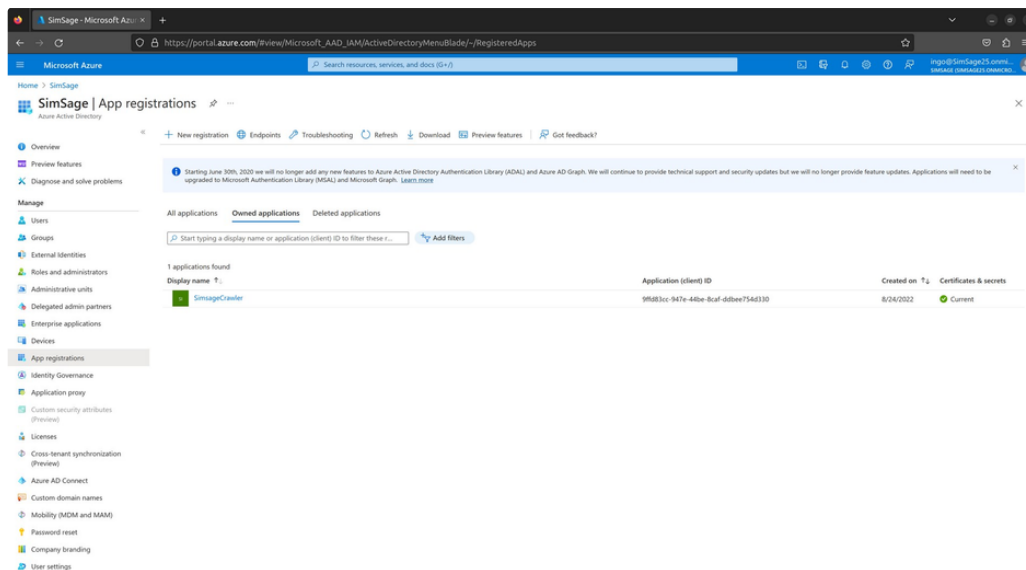
[Microsoft Azure](#) Search for “Microsoft Entra ID” and select it



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.

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  ignore

e.g. https://example.com/auth

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

Delete Endpoints Preview features

Essentials

Display name	: testing.exchange	Client credentials	: Add a certificate or secret
Application (client) ID	: <u>026afcf3-e956-4b0e-afaf-81de6545a069</u>	Redirect URIs	: Add a Redirect URI
Object ID	: 94fb7e67-582a-4b64-aaaa-fa5a171c3058	Application ID URI	: Add an Application ID URI
Directory (tenant) ID	: 530b855-94ec-4f9c-9801-60d86836c41f	Managed application in L...	: testing.exchange
Supported account types	: My organization only		

Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? [Learn more](#)

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

[Get Started](#) [Documentation](#)

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:

Search resources, services, and docs (G+)

Callum@simstage.a... SIMSAGE (SIMSAGE.CO.UK)

Delete Endpoints Preview features

Essentials

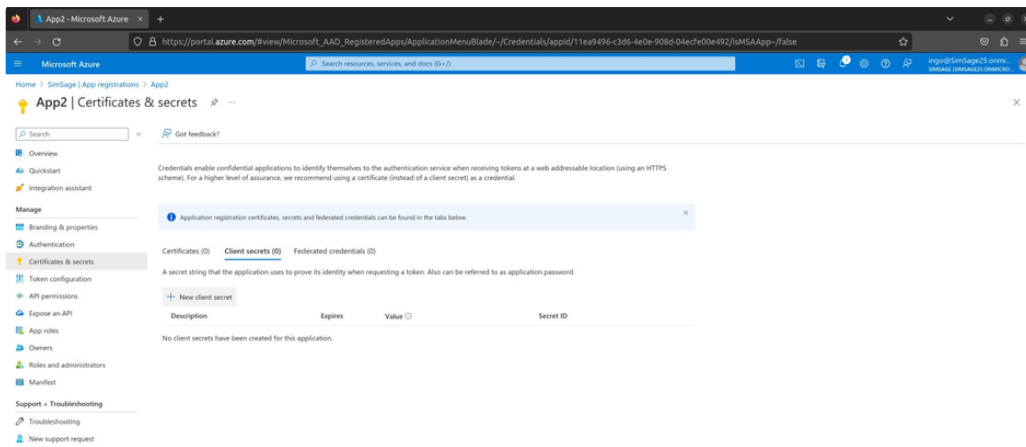
Display name	: testing.exchange	Client credentials	: Add a certificate or secret
Application (client) ID	: 026afcf3-e956-4b0e-afaf-81de6545a069	Redirect URIs	: Add a Redirect URI
Object ID	: 94fb7e67-582a-4b64-aaaa-fa5a171c3058	Application ID URI	: Add an Application ID URI
Directory (tenant) ID	: 530b855-94ec-4f9c-9801-60d86836c41f	Managed application in L...	: testing.exchange
Supported account types	: My organization only		

Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? [Learn more](#)

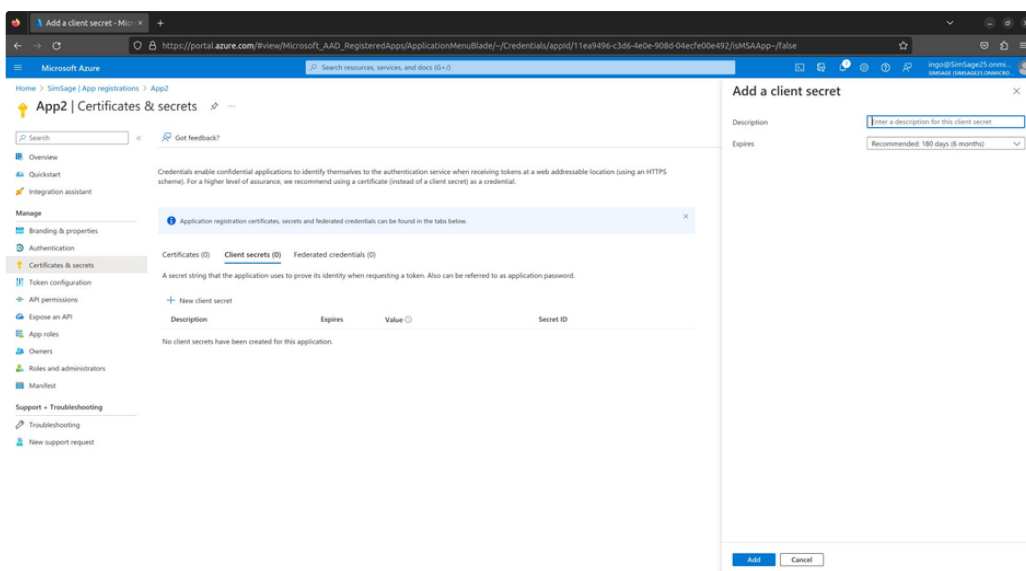
Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

[Get Started](#) [Documentation](#)

Select Client secrets and press “+ New client secret”



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

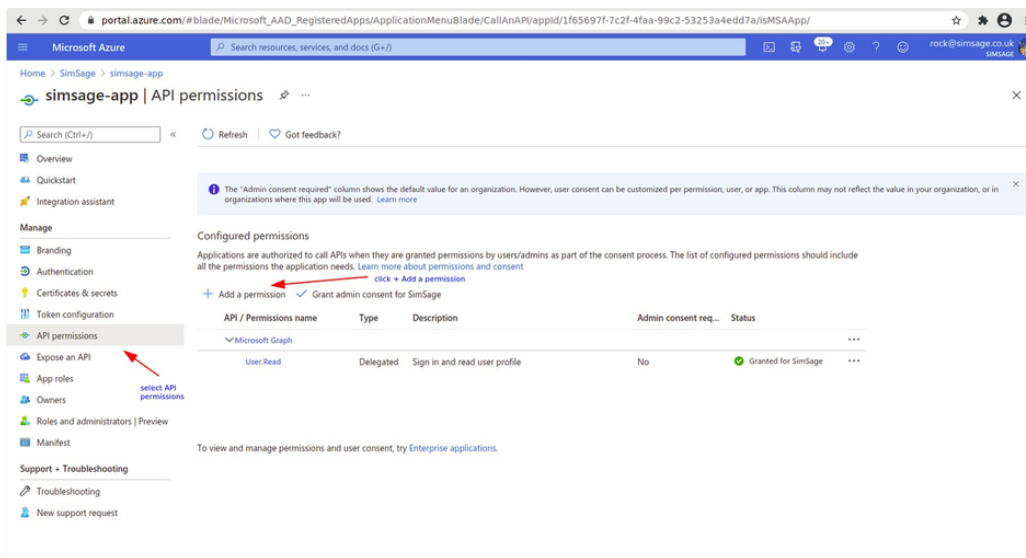


Copy the secret and keep it safe for the crawler configuration.

⚠ 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.

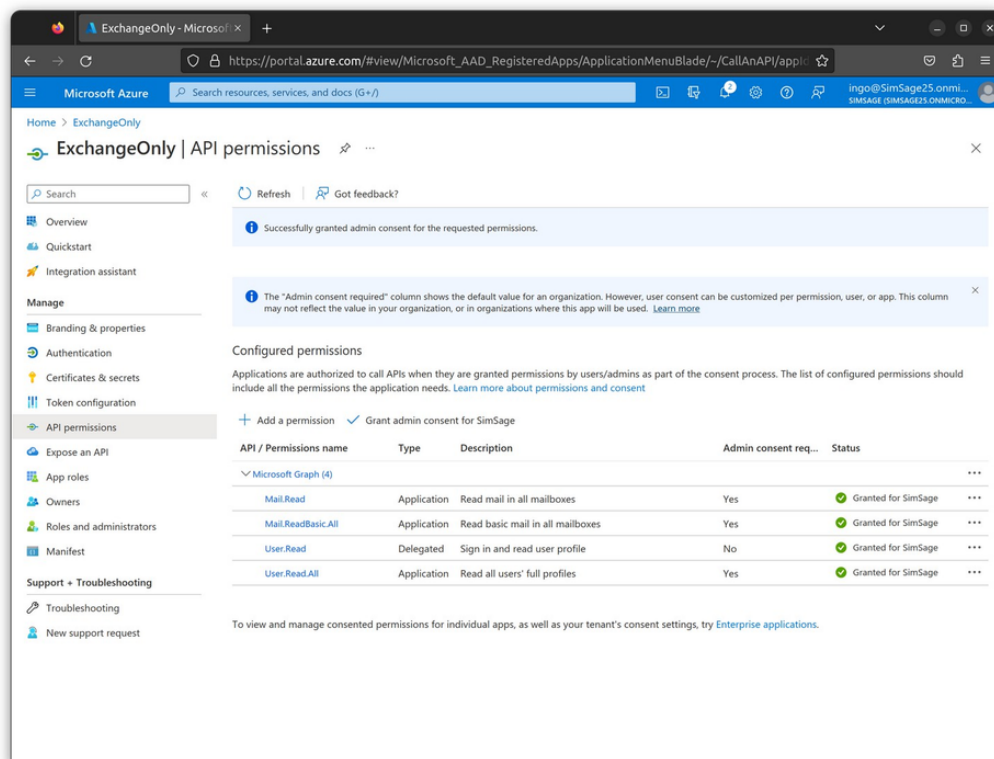


Select "Microsoft Graph" and select "Application permissions". Then start typing in the "Select permissions" text box.

You need to select the following permissions:

- Mail.Read
- Mail.ReadBasic.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 Exchange 365 crawler and on the "exchange 365 crawler" page add the following values:

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

Redirect Url: Add a random value to pass validation, will remove this box

Press save