

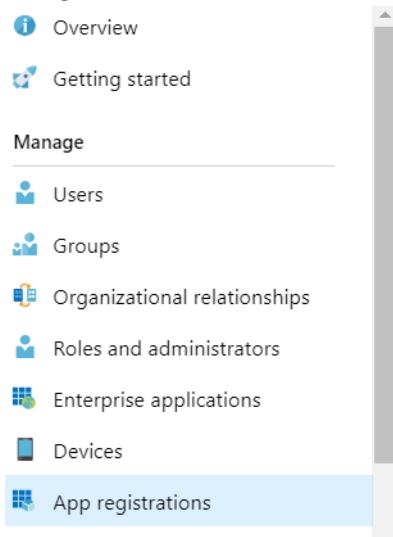
Lab 01.1 – Creating a Service Principal

This lab is optional and should be used only if you have not been given a service principal from your Azure administrator.

You will need:

- Administration access to Azure Active Directory on your subscription/tenant

1. Navigate to Azure Active Directory and click on the “App Registrations” button:



2. Click on the +New App Registration button and complete the short form, naming your service principal. It will also require you to enter a URL, but this is not used by any of the tools we will be engaging with. I have entered the ADF url to pass verification:

Create

×

*

Name

?

LakeUser

✓

Application type

?

Web app / API

▼

*

Sign-on URL

?

https://adf.azure.com

✓

3. Click Create and you will see the details for your Service Principal:



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LakeUser

Registered app

Settings

Manifest

Delete

Display name LakeUser	Application ID 2886ab05-bd87-479d-a03b-50287386a496
Application type Web app / API	Object ID 2271ca04-bda9-46d3-b4cc-2894a5792716
Home page https://adf.azure.com	Managed application in local directory LakeUser

- We now need to create a key so that we can authenticate as this user, click on the “Settings” button to open the settings blade then select “Keys”.

Settings

Filter settings

GENERAL

Properties

Reply URLs

Owners

API ACCESS

Required permissions

Keys

TROUBLESHOOTING + SUPPORT

Troubleshoot

New support request

- Add a new entry under “Passwords” for our ADF account to use:

Passwords

DESCRIPTION	EXPIRES	VALUE
ADFAccess ✓	Never expires	Value will be displayed on save ...

I have set the password to never expire, but you would want a more regular key cycling for any non-POC environments.



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6. When you hit “Save” the key will be displayed. This key will be visible for this one time only – so make sure you take a copy now – you cannot access it ever again after this, you would need to create a new key if you lose it.

Your service principal account is now set up and ready to be used!

