Create App Registration for Microsoft Graph

Wednesday, August 25, 2021   1:51 PM

1. Navigate to the App registrations blade in the Azure AD portal
   a. https://aad.portal.azure.com/
      #blade/Microsoft_AAD_IAM/ActiveDirectoryMenuBlade/RegisteredApps
2. Create a **New Registration**
3. Give your application a name and click **Register**

   a.

4. Navigate to **Certificates & Secrets** then click on **New Client Secret**
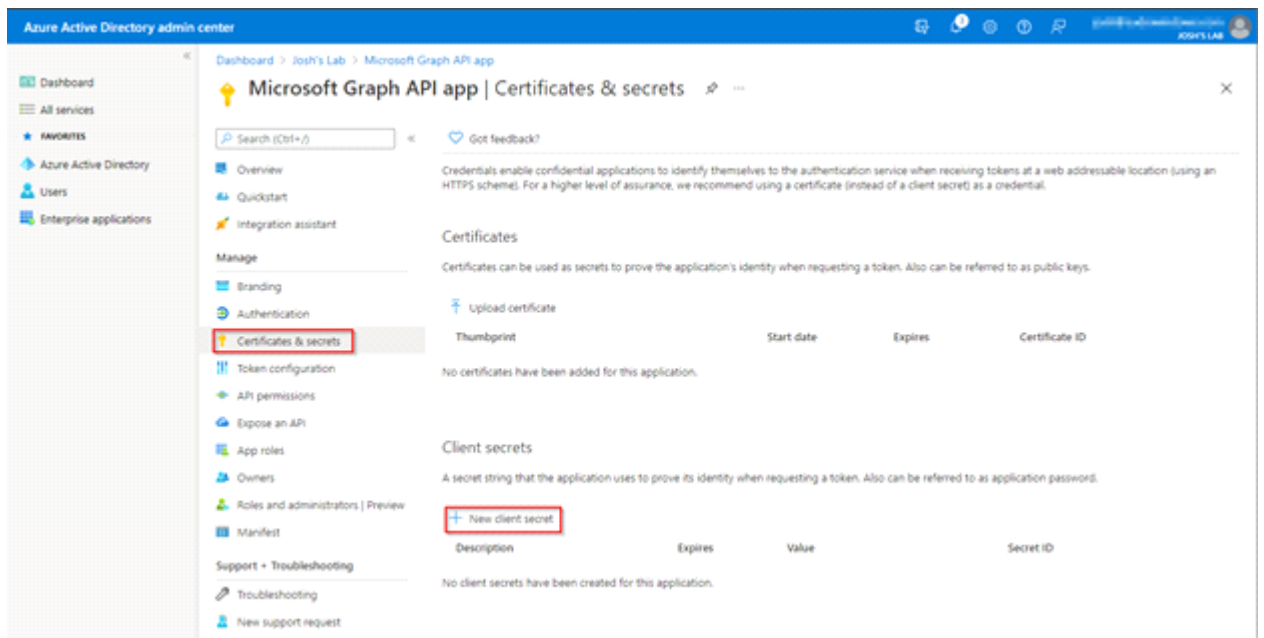
a.

5. Give your Client Secret a Description and an expiration time, then click **Add**

Add a client secret ✕

Description	Graph API secret

a. Expires | Recommended: 6 months ⌄ |

Add   Cancel

6. Make sure to note the Value of the new Client secret. This will be needed later.
7. Head back to the Overview tab and take note of the Application/Client ID as well as your tenant ID to be used later as well.
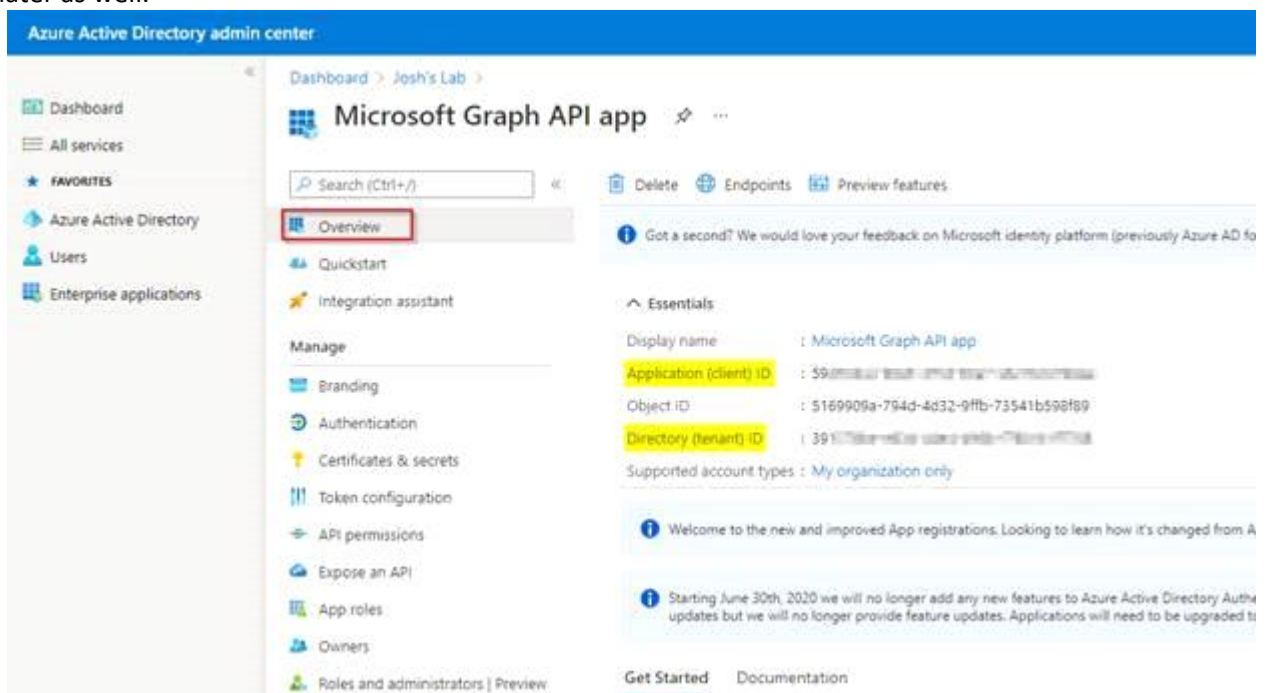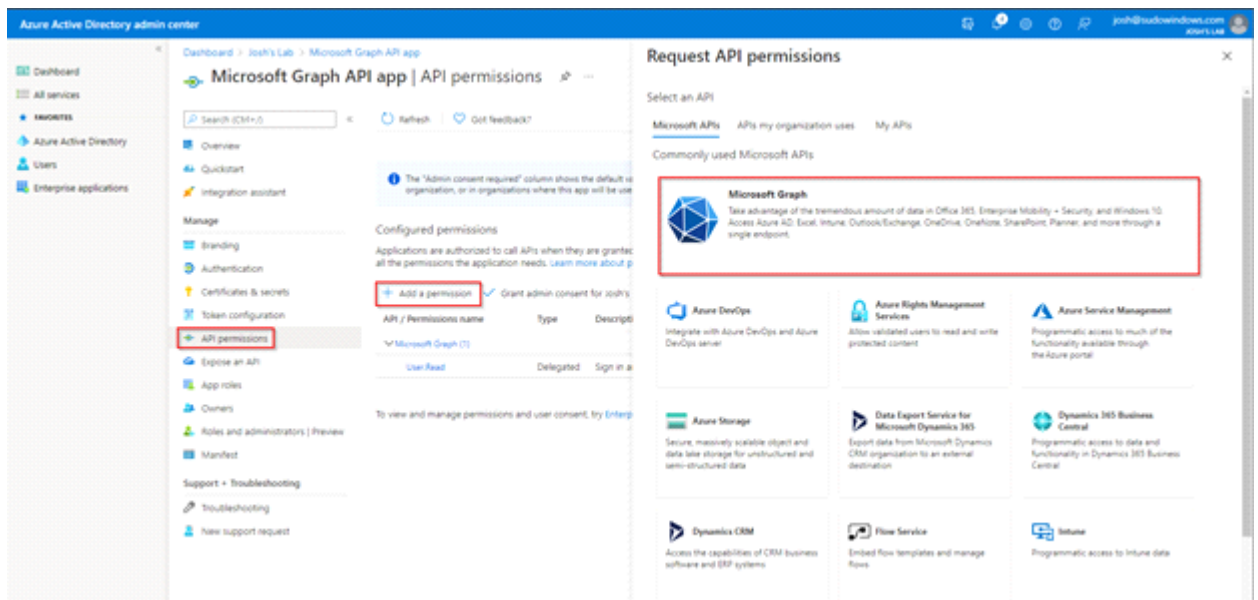

a.

8. Go to the **API Permissions** tab, click **Add a permission** then select **Microsoft Graph**

a.

9. Select **Application Permissions**
10. Find the Permissions for **AuditLogs.Read.All, Organization.Read.All, Reports.Read.All**, and **User.Read.All** check the boxes for those permissions then select **Add Permission**
11. You should now see these permissions added
12. We will need to grant admin consent for these permissions so click on **Grant admin consent for <Your Organization>** when prompted select **Yes** to grant consent

Configured permissions

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

a.

＋ Add a permission ✓ Grant admin consent for Josh's Lab

API / Permissions name	Type	Description	Admin consent requ...	Status
∨ Microsoft Graph (5)				•••
AuditLog.Read.All	Application	Read all audit log data	Yes	✅ Granted for Josh's Lab •••
Organization.Read.All	Application	Read organization information	Yes	✅ Granted for Josh's Lab •••
Reports.Read.All	Application	Read all usage reports	Yes	✅ Granted for Josh's Lab •••
User.Read	Delegated	Sign in and read user profile	No	✅ Granted for Josh's Lab •••
User.Read.All	Application	Read all users' full profiles	Yes	✅ Granted for Josh's Lab •••

13. Now that you have the App Registration setup and configured, we can move over to our Powershell Script