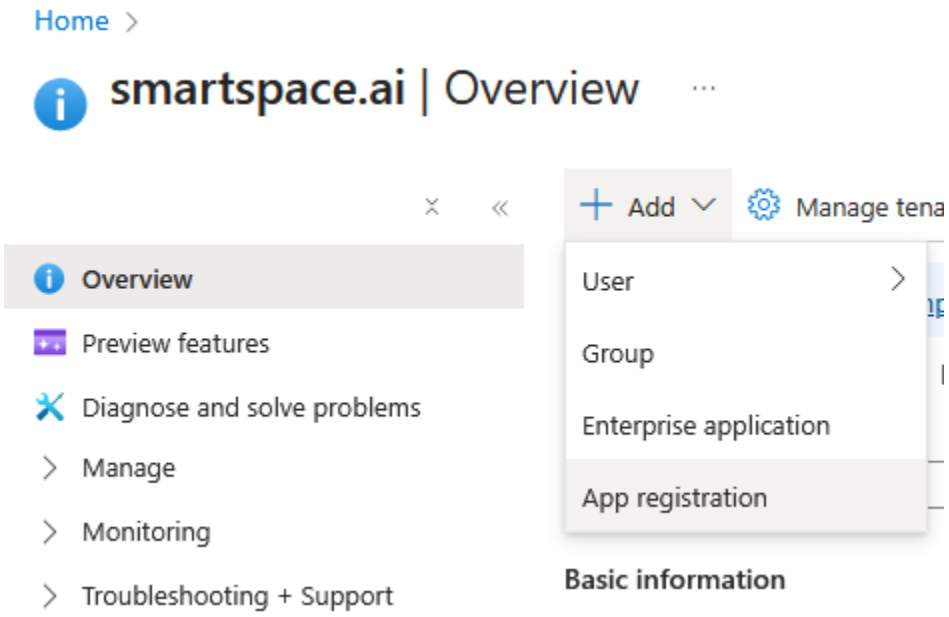
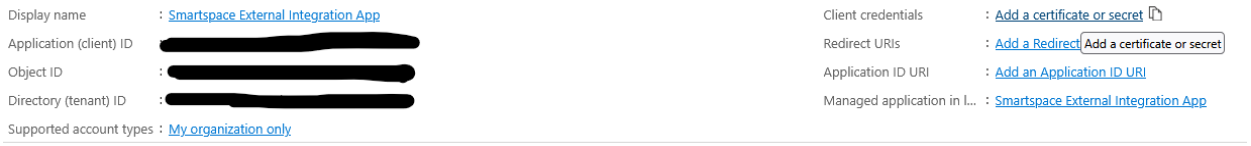
Create a new Enterprise Application:

We need to create an app registration. This is an app within Azure that can be authenticated via a secret, which we can grant permissions to certain things in Smartspace. Giving you an authentication method for non-users that you can hide in a serverless function.

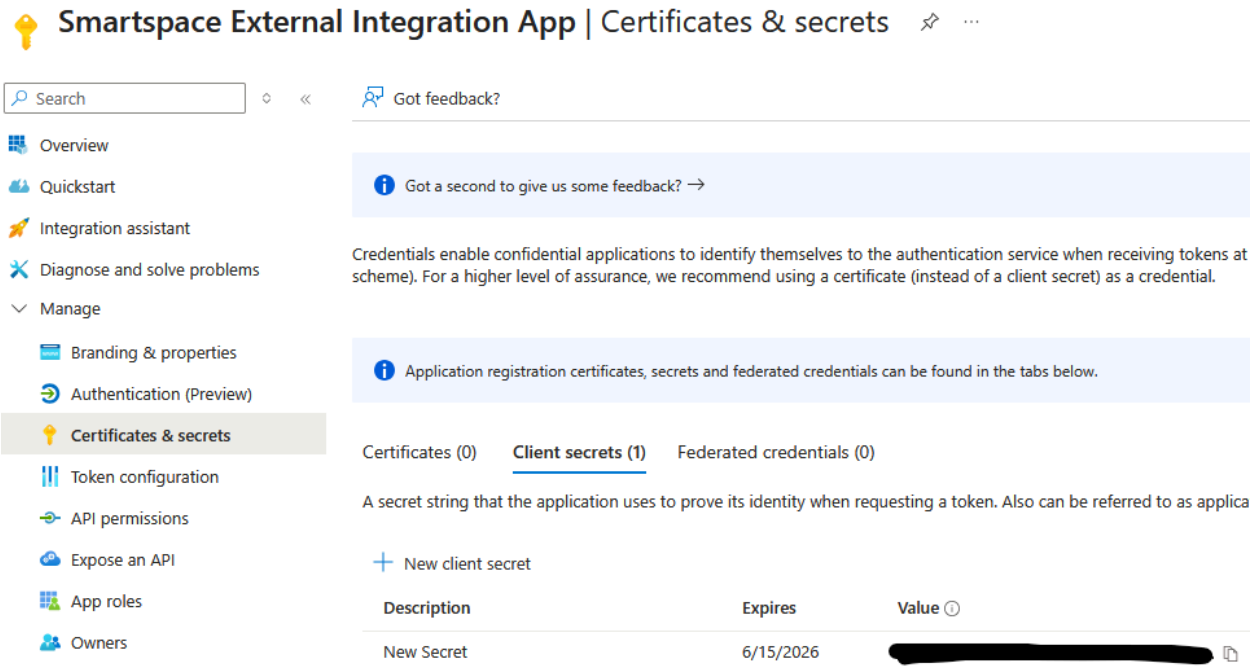
Step 1) In Microsoft Entra ID, create the App Registration

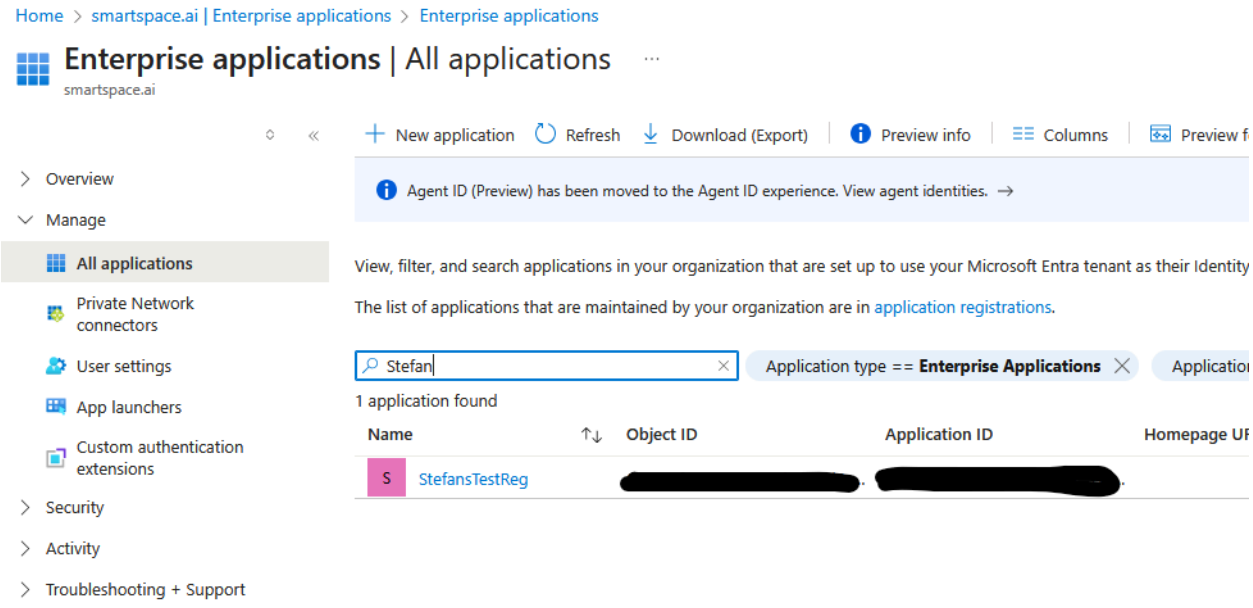


Step 2) Give it a name, and “Register” with the default options.
Step 3) Write down the Application Client ID and the Application Object ID:



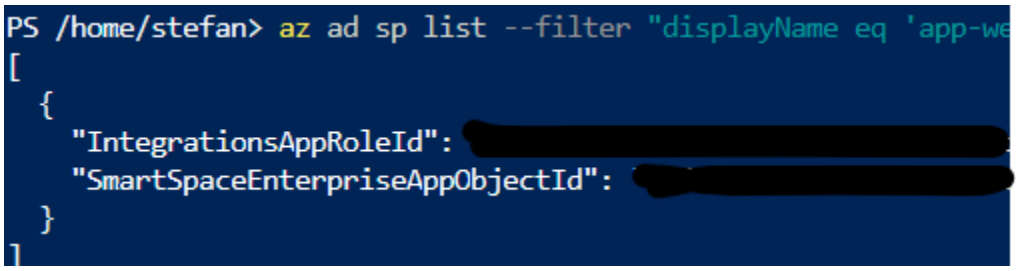
Step 4) Click on “”Add a certificate or secret” and create a new client secret and write down the value for the new secret





Step 5) Use the Azure CLI to find the role id of the “Integrations” role in the Smartspace app, replace **SmartspaceAppName** with the name of the smartspace app that was chosen at install time. If you have lost the name, you can find the Client ID for this application in your admin portal under the Admin API documentation -> CLI Setup. You can use this client ID to find the application under enterprise applications. Save the IntegrationsAppRoleId for later.

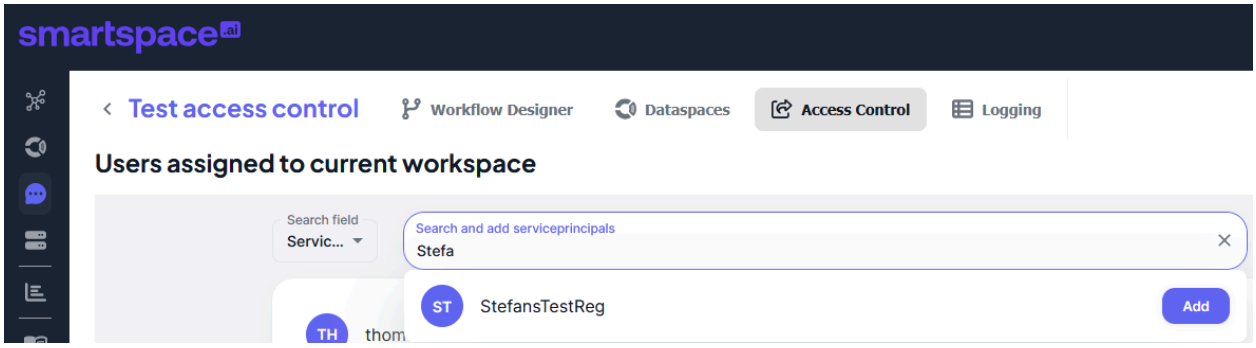
```
az ad sp list --filter "displayName eq 'SmartspaceAppName'" --query
"[].{SmartSpaceEnterpriseAppObjectId:id,
IntegrationsAppRoleId:appRoles[?displayName == 'Integrations'].id | [0]}"
```



Step 6) Use the Azure CLI to assign that role, to the your new app:

```
Connect-AzureAD
New-AzureADServiceAppRoleAssignment `
        -ObjectId         'your app object id' `
        -PrincipalId 'your app object id' `
        -ResourceId  'smartspace app object id' `
        -Id        'IntegrationsAppRoleId'
```

Step 7) Assign workspace permissions to this app in the Smartspace Admin Portal by going to the workspace > Access control > Search for service Principal and add:



Now you have an app that you can use to authenticate with Smartspace and interact with this workspace. I’ve attached a python script that shows how you can authenticate and send a basic message to the Smartspace workspace.