



## KB2024 - How to Set up Azure AD SSO for TITAN® iMobile

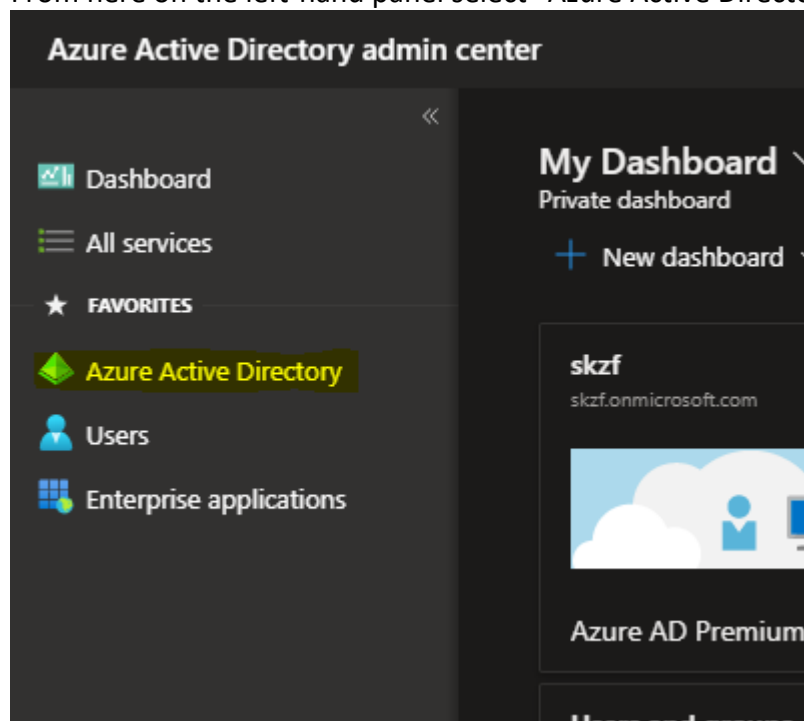
### Scenario:

TITAN® iMobile now supports user authentication via Azure Active Directory Single Sign On (SSO). Implementation of this functionality requires some initial configuration.

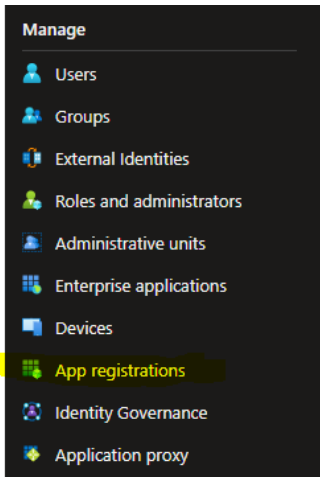
### Solution:

To begin proceed to the Azure Active Directory Admin Center at:  
<https://aad.portal.azure.com/>

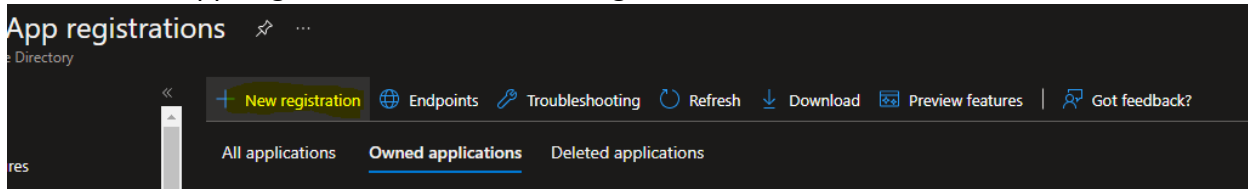
From here on the left-hand panel select “Azure Active Directory”



On the “Azure Active Directory” menu select “App Registration”



Once in the “App Registration” select “New Registration”



On the “Register an application” page:

Name: Can be a friendly name for you Application Registry reference.

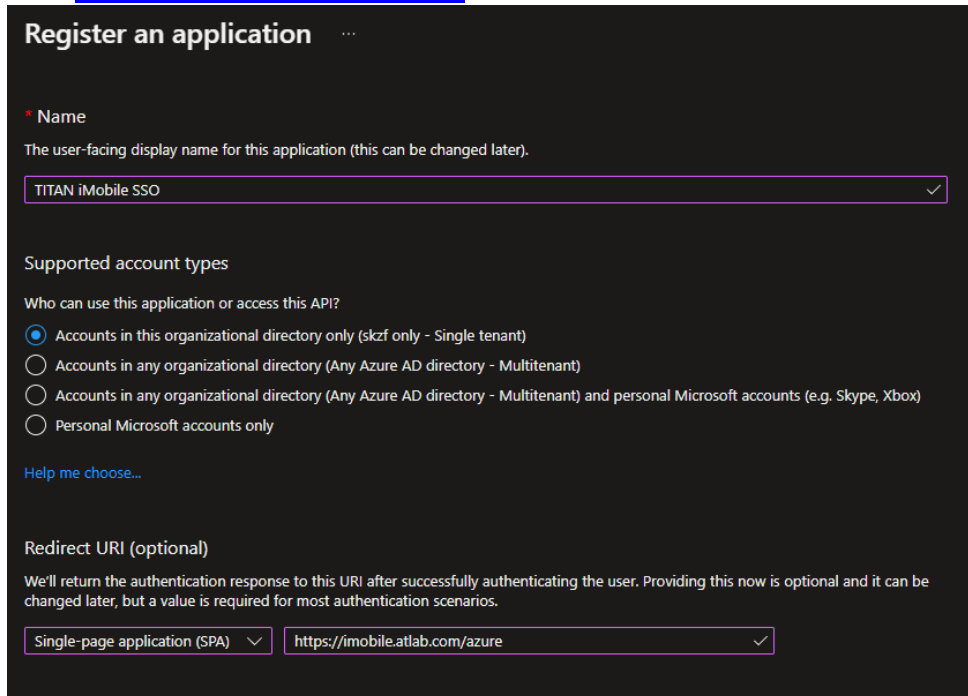
Supported account type:

“Accounts in this organizational directory only (single tenant)” unless otherwise needed.

Redirect URI:

Type: “Single-page application (SPA)”

URL: <https://<domainname>/azure>

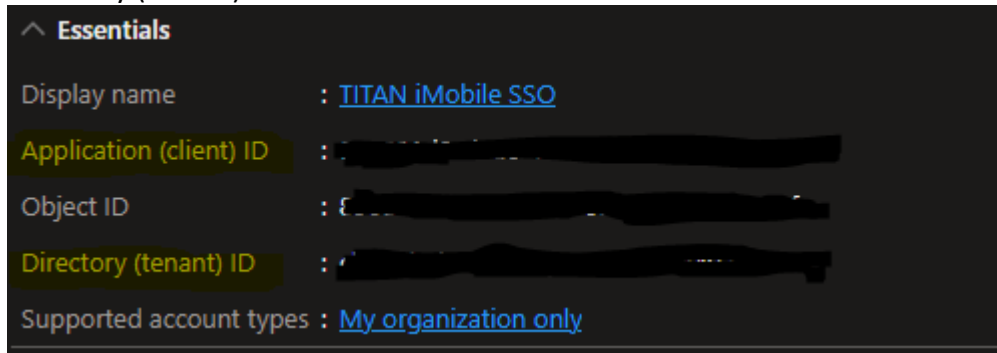


Then click the “Register” button at the bottom.

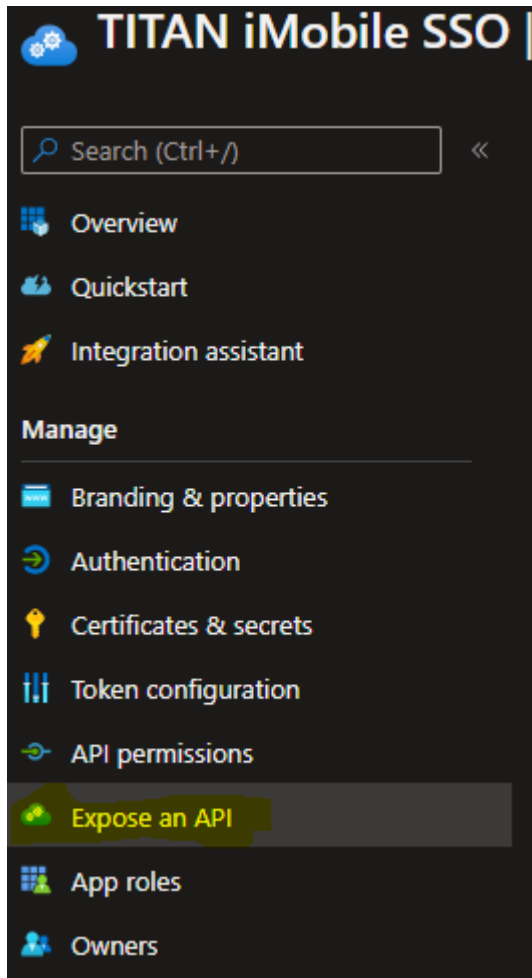
After registering make note of the following information on the next page as it will be needed later:

Application (client) ID

Directory (tenant) ID



Once the Client ID and Tenant ID has been noted proceed to “Expose an API”

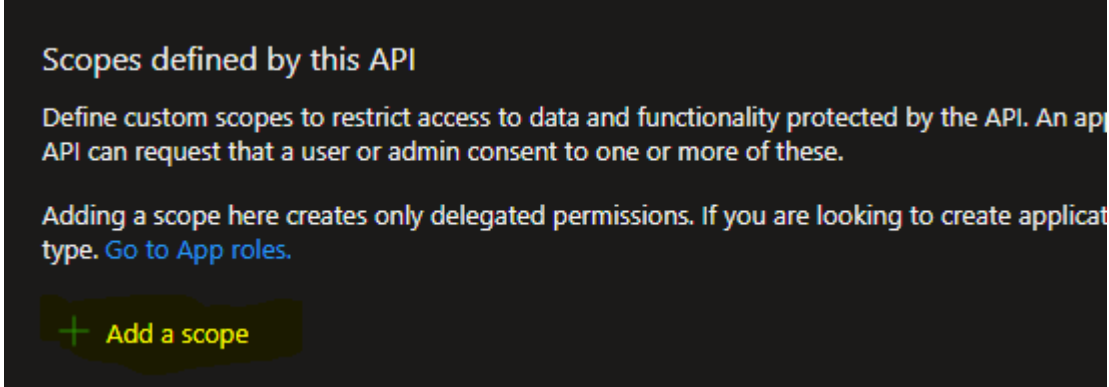


On the Expose an API:

Application ID URI: Click set



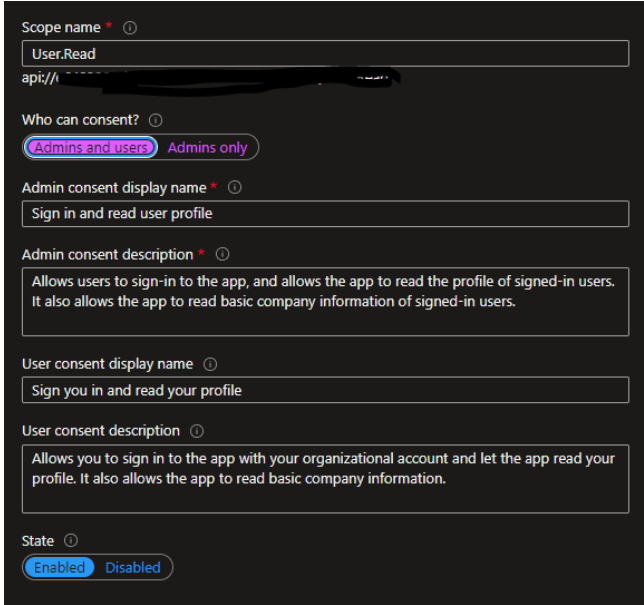
After creating the Application ID URI proceed down and “add a scope”



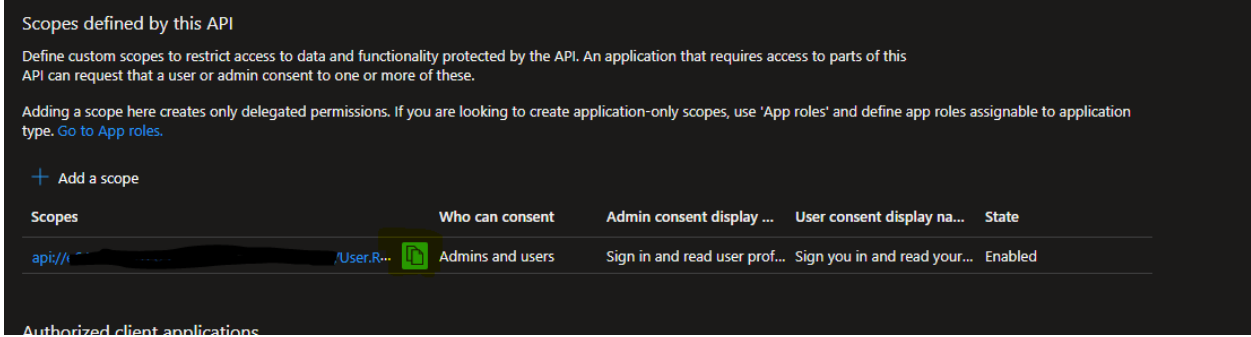
On the “Add a Scope” menu enter the following information (Note you may edit this information as needed:)

Scope Name: User.Read

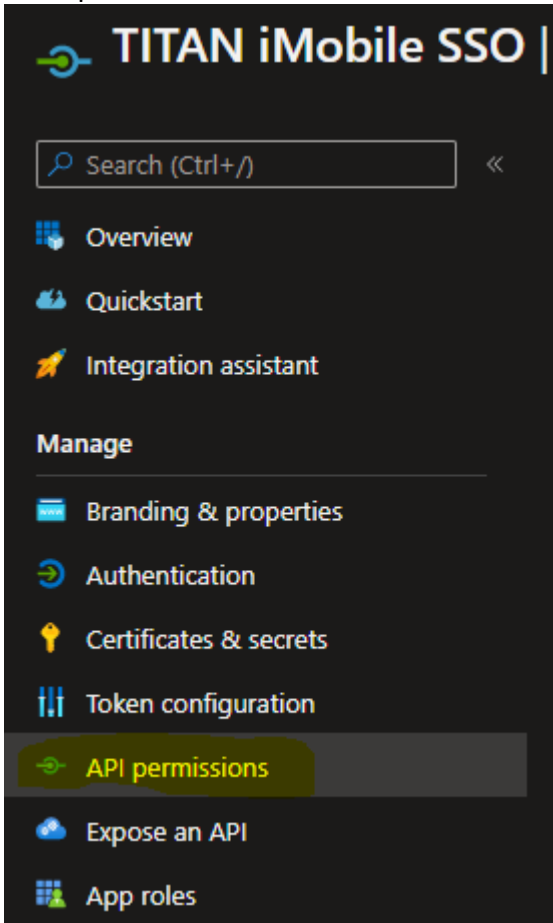
Display Name: Sign in and read user profile



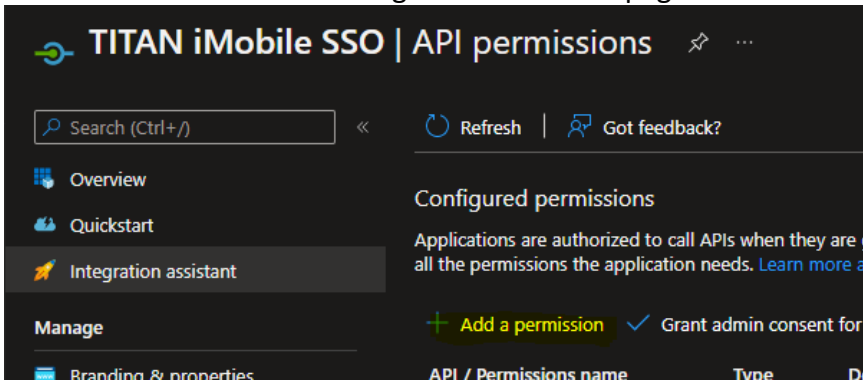
Once the scope has been created copy the full scope API URI and make note of it:



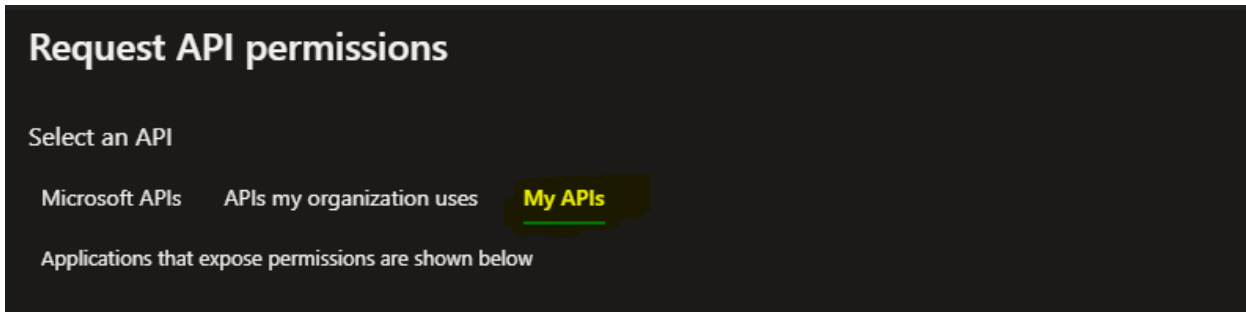
Then proceed to “API Permissions” from the Registered Application menu:



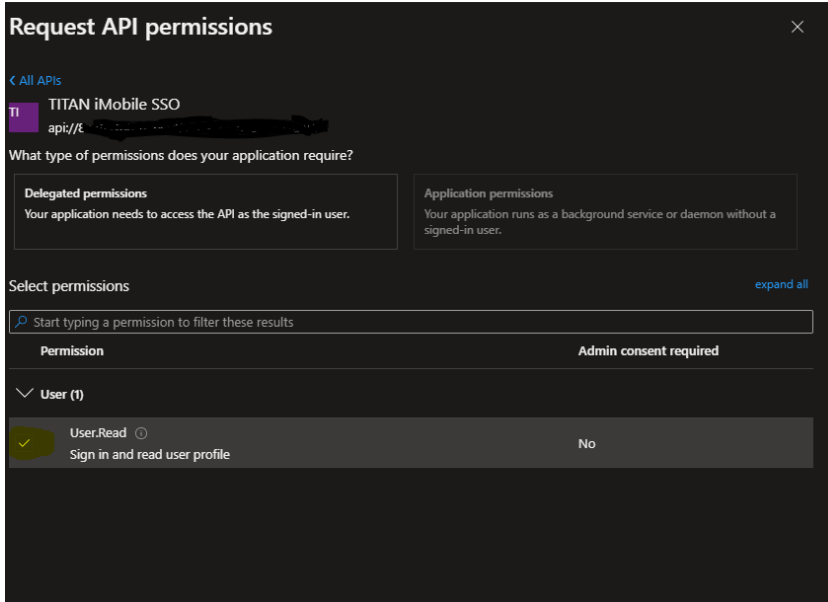
On the API Permission > Configured Permission page select “Add a Permission”



From the Request API Permission menu select “My APIs” and select the Exposed API that was just created:



Then check the permissions: User.Read and then click the “Add Permissions” button at the bottom:



This was the final step in setting up TITAN® iMobile on the Azure Active Directory admin center:  
At this point you should have the following noted:

- Application (client) ID
- Directory (tenant) ID
- Full scope API URI

From here we may proceed to the TITAN® iMobile appConfig.json file located in assets folder of TITAN® iMobile

In the appCofig file edit the following locations removing any “<Place Holders>”  
azureAD set to true

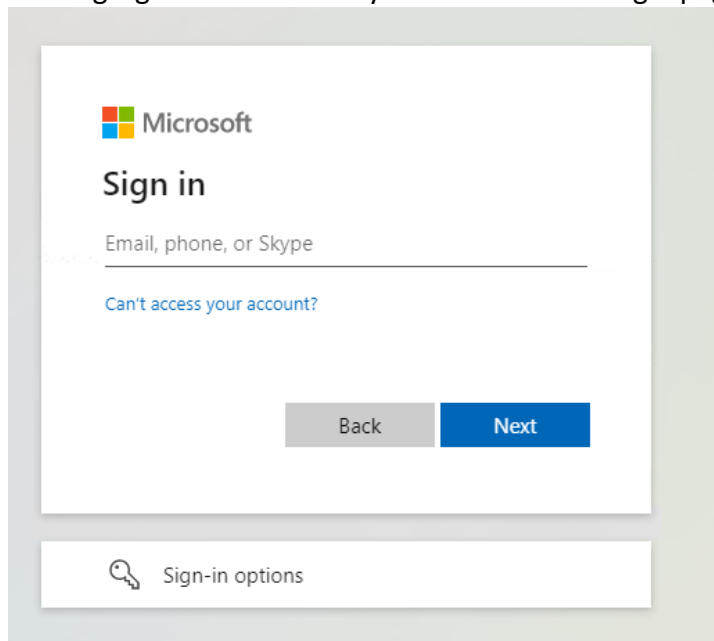
- azure\_clientid = Application (client) ID
- azure\_authority = Append Directory (tenant) ID after login URI /
- azure\_scope = Full scope API URI

```
"azureAD": true,  
"azure_clientid": "<ADD CLIENT ID>",  
"azure_authority": "https://login.microsoftonline.com/<ADD TENANT ID>",  
"azure_scope": "<ADD FULL SCOPE URI>"
```

Once configured starting TITAN® iMobile will take you to an iMobile Azure login page:



Clicking sign in will redirect you to a Windows login page:



Once signed in Microsoft will redirect you to TITAN® iMobile and will allow you to enter the site.



*NOTE: The TITAN® iMobile collector will need to have proper TITAN® iMobile permissions and be linked to an Employee Contact that has the same email address used to login into Azure AD Authentication.*



Applies To:

TITAN® iMobile v1.3 and higher

FOR MORE INFO

Contact your ATL Account Manager or Project Manager.

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