How to Setup Federated Authentication in SwyxWare with Azure AD

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No of pages: 6
Last Change: 12.09.2022

1 Step by Step Instruction 3

1.1 Open Azure Active Directory in Azure Portal 3

1.2 Create Service User 3

1.3 Add App Registration 3

1.4 Enter name, use single tenant and register 3

1.5 Edit App Registration 3

1.6 Configure Identity Provider in Swyx Control Center 5

1.7 Every Time the Submit button is pressed 5

2 Beta Restrictions 6

2.1 Mapping between AD accounts and SwyxWare accounts 6

3 What's planned 6

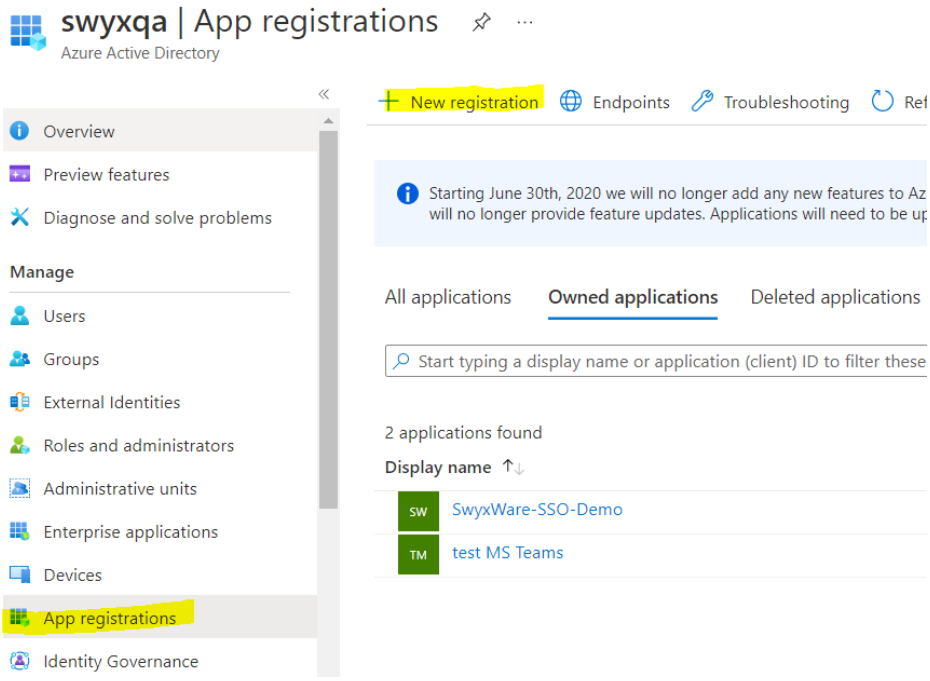
4 Document History 6

1 Step by Step Instruction

1.1 Open Azure Active Directory in Azure Portal
1.2 Create Service User

Create ad user that can read all users in the directory. (Member User should be sufficient)

1.3 Add App Registration

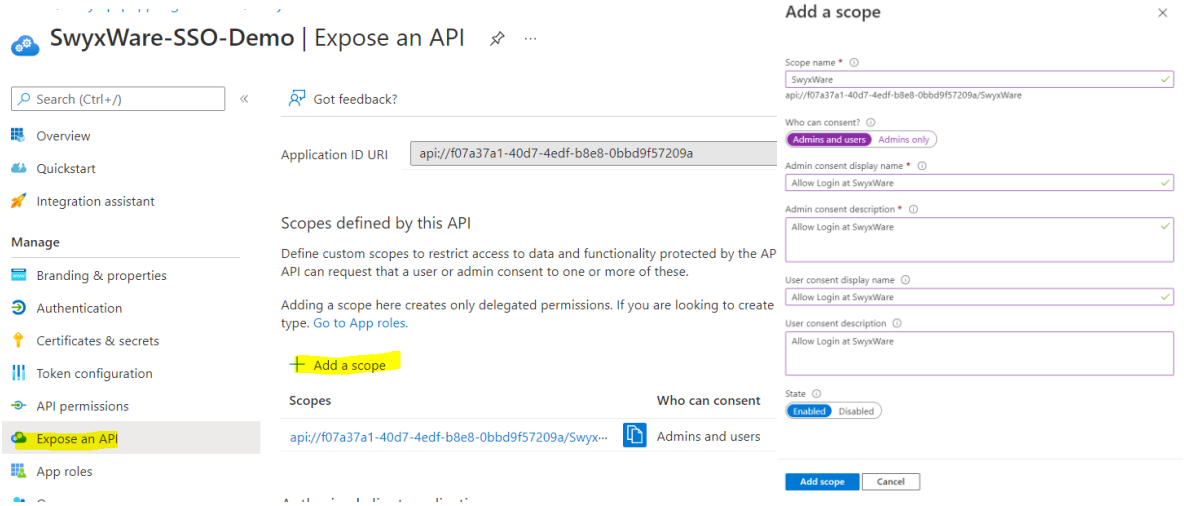


1.4 Enter name, use single tenant and register

Multitenant will work but is not recommended

1.5 Edit App Registration

1.5.1 Add SwyxWare Scope



1.5.2 Add Permissions

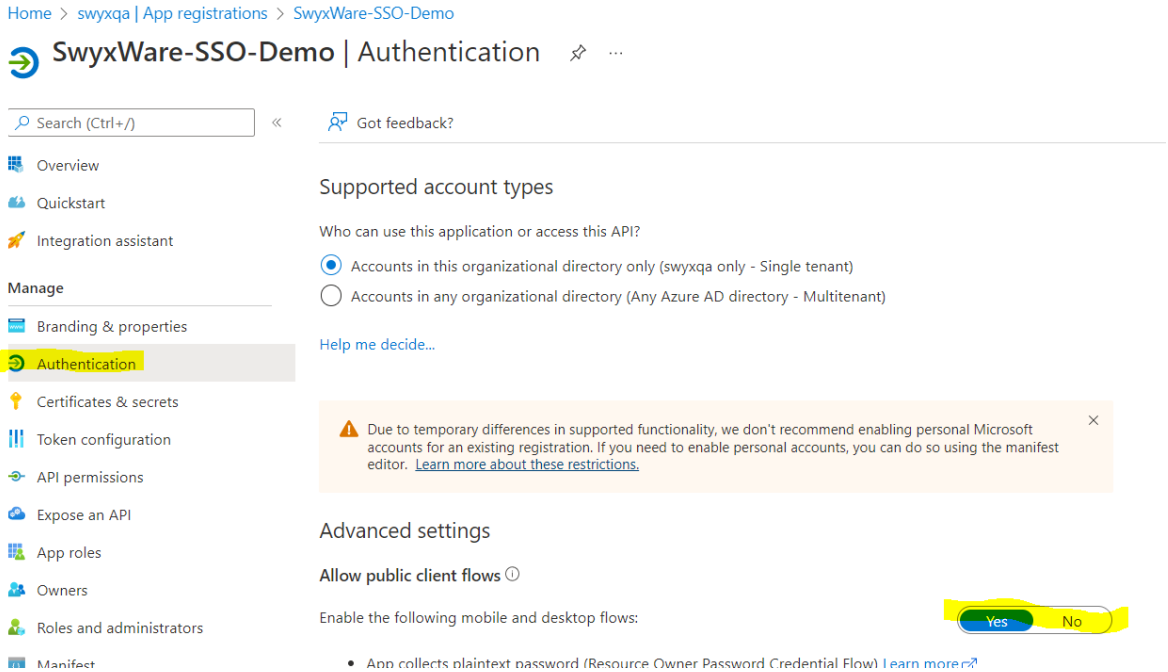
Configured permissions

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

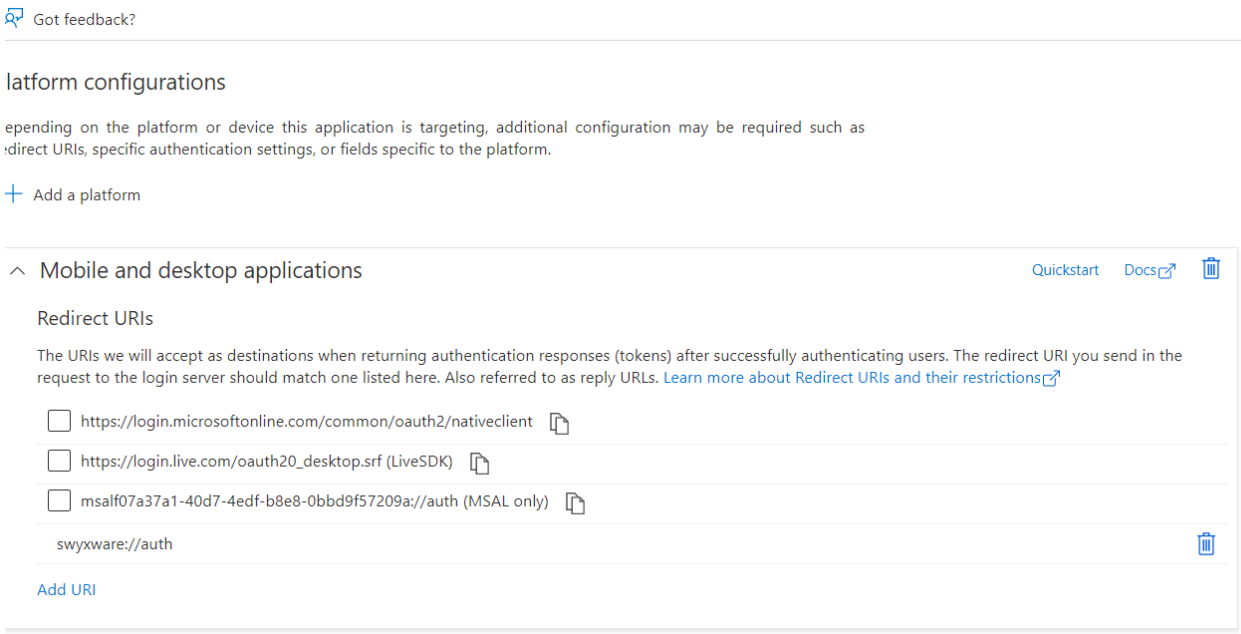
+ Add a permission ✓ Grant admin consent for swyxqa

API / Permissions name	Type	Description	Admin consent requ...	Status
Microsoft Graph (3)				
User.Read	Delegated	Sign in and read user profile	No	Granted for swyxqa
User.Read.All	Delegated	Read all users' full profiles	Yes	Granted for swyxqa
User.ReadBasic.All	Delegated	Read all users' basic profiles	No	Granted for swyxqa

1.5.3 Allow Public Client Flows



1.5.4 Add Redirect Url swyxware://auth



1.6 Configure Identity Provider in Swyx Control Center

1.7 Every Time the Submit button is pressed

1.7.1 SwyxWare is fetching all user info

1.7.2 SwyxWare is trying to assign ad account to SwyxWare accounts by matching email address. See CDS Traces and database table FederatedIdentity

2 Beta Restrictions

2.1 Mapping between AD accounts and SwyxWare accounts

- Only on pressing submit button in Federation Config
- Mapping only by email address
- If the password of the service account expires there will be no synchronization any longer

3 What's planned

- Interactive assignment in the Swyx Control Center

4 Document History

Version	Date	Remarks	Editor
1.0	12.9.2022	Initial Release	Product Owner