**Resolve – User Guide**

**Version 1.0**

**School of Dentistry**

**University of Washington, Seattle**



**Revision and Signoff Sheet**

**Change Record**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Author** | **Version** | **Change Reference** |
| 21st July 2020 | Palash Jhamnani | 1.0 | First Draft |

**Reviewers**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Reviewer** | **Version** | **Comments** |
|  | Anya L. Levysmith | 1.0 |  |

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# Introduction

Resolve is a case/request management software

# Know Issues

Same person/approver should not belong in multiple groups.

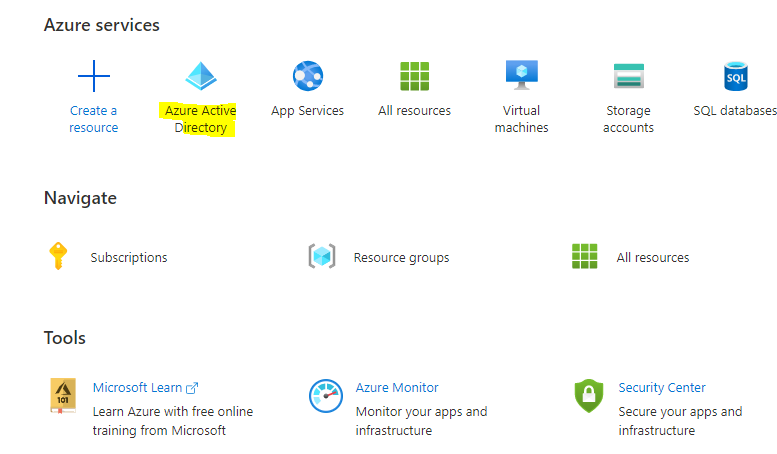
This is due to the database schema, where the key for approver table is composite, comprising of UserID and CaseID, so for the same case, a person cannot be an approver twice. This behavior can be modified with schema changes; however, it is not advised to change the schema as it will require changes at multiple places in the codebase. The current schema adheres to the business requirement and meets segregation of duty (SOD) principle. According to SOD, one person should not handle 2 conflicting approvals concurrently. E.g. A person belonging to HR group may approve a hiring request and if he/she belong to the Finance group as well then, they could approve/modify the hiring budget as well.

# Azure Portal

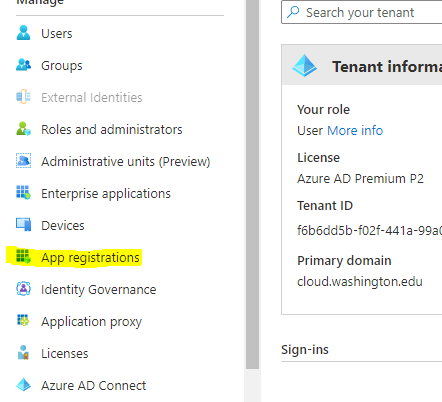
## Application Registration

Step1: Login to <https://portal.azure.com/#home> with your UW net id

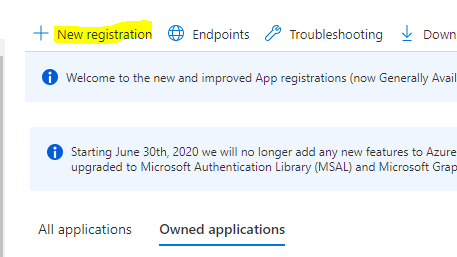
Step2: Go to Azure Active Directory



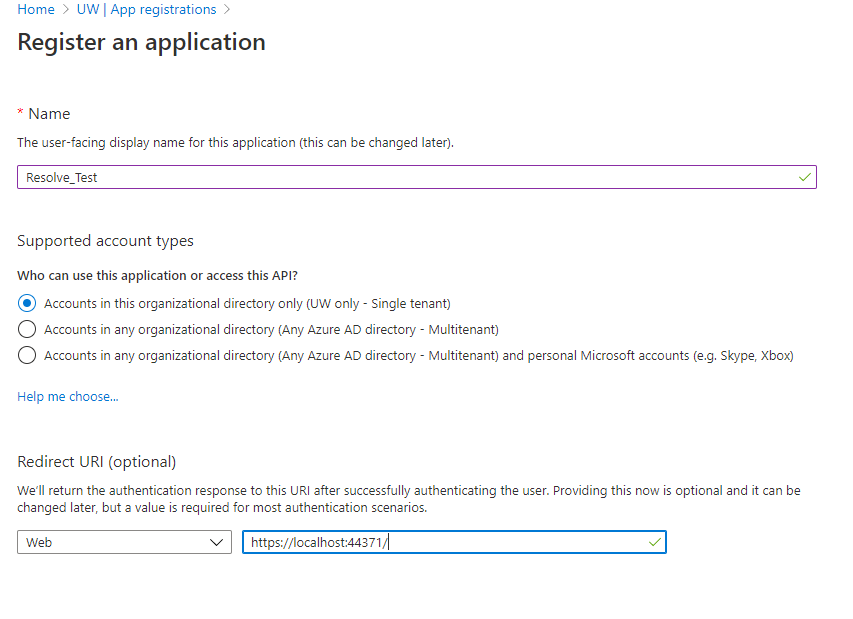
Step3: Go to App Registrations



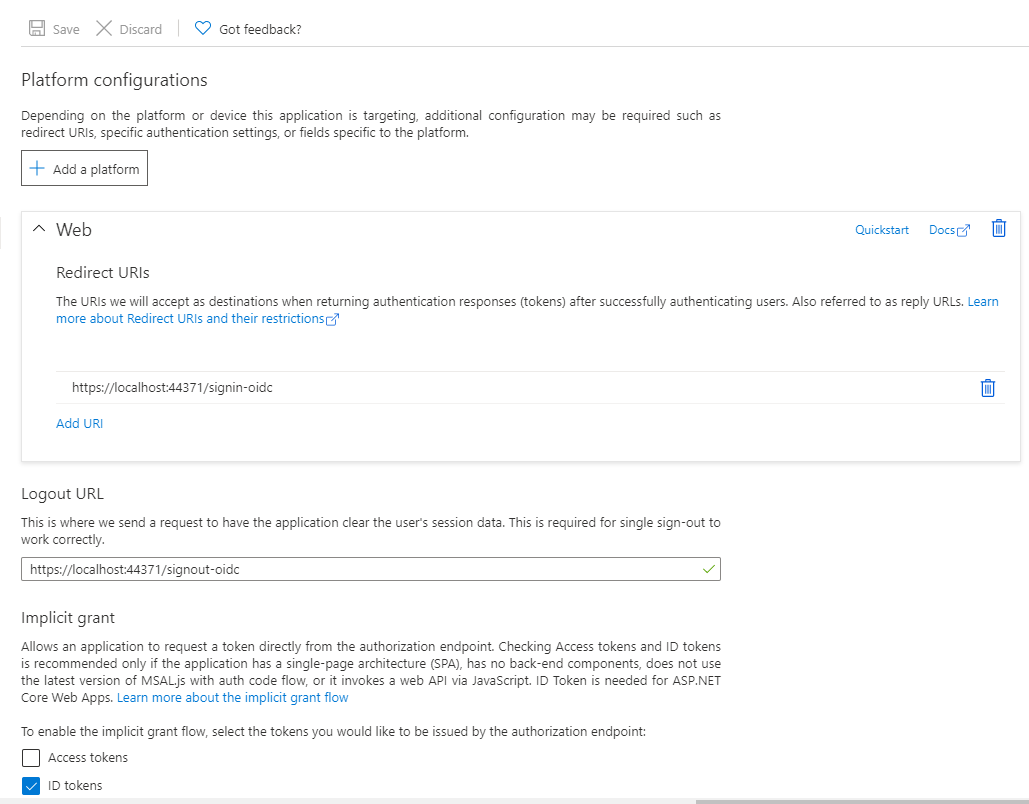
Step4: Click New registration



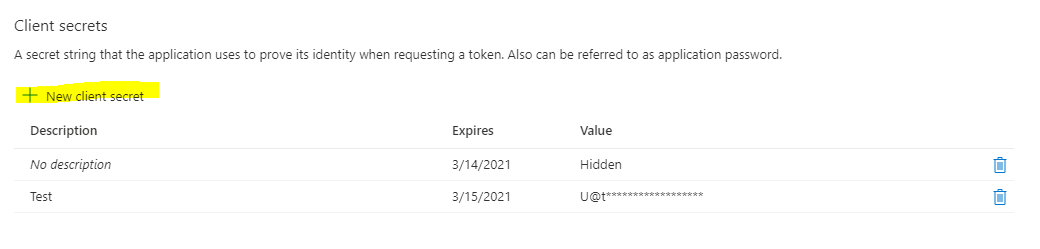
Step5:



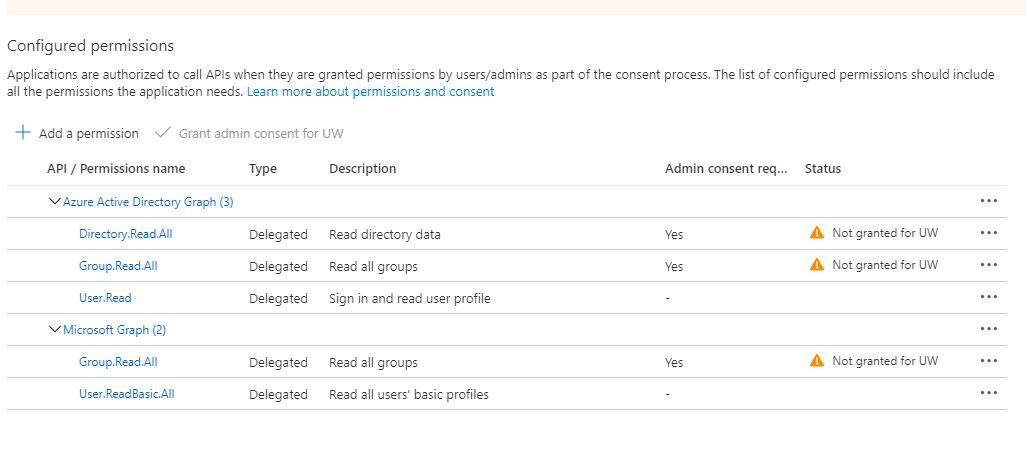
Step6: Go to Authentication and configure URL’s as shown below (According to hostname applicable)



Step7: Create a new client secret (note it down, will not be able to retrieve later)



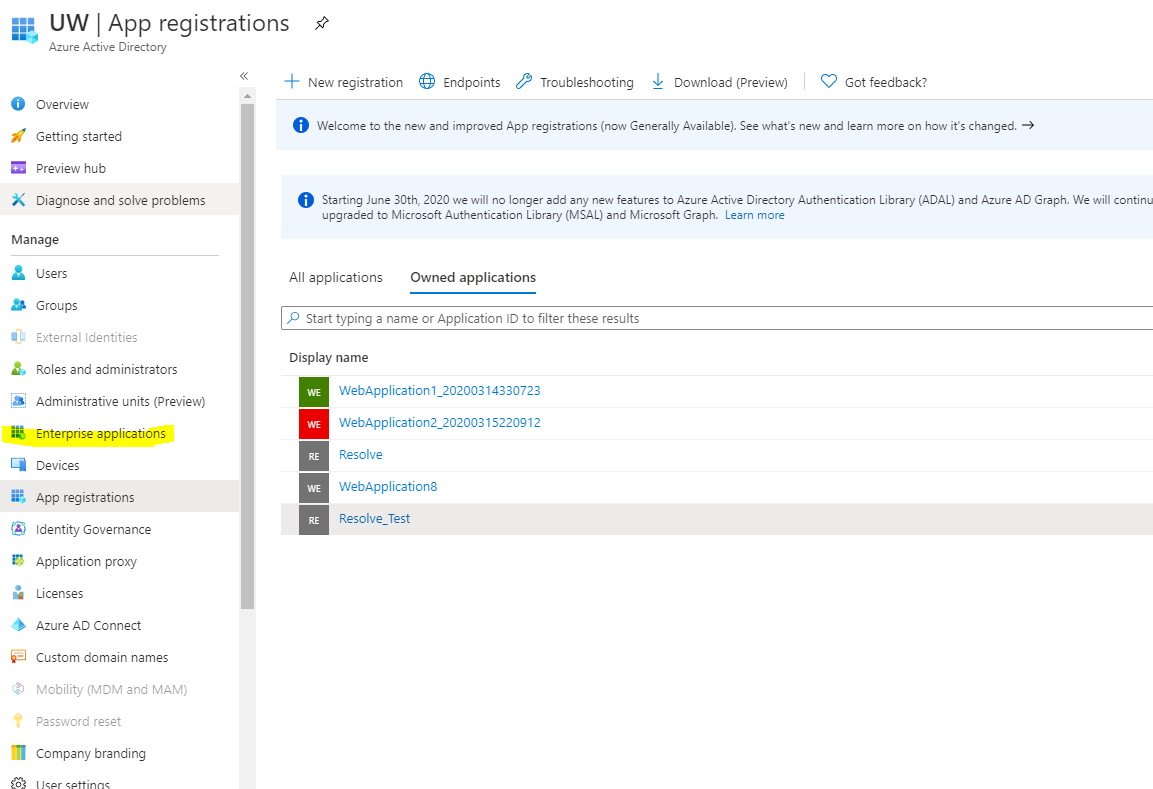
Step8: API Permissions



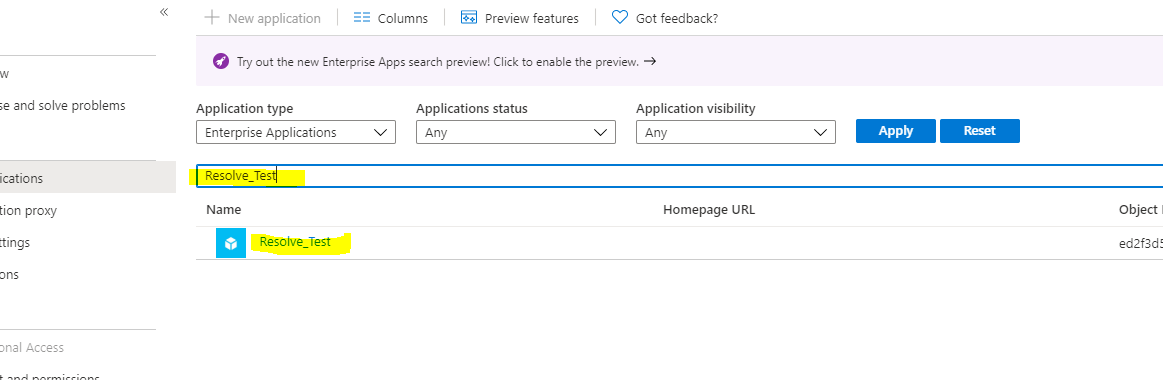
Step9: Modify the Manifest



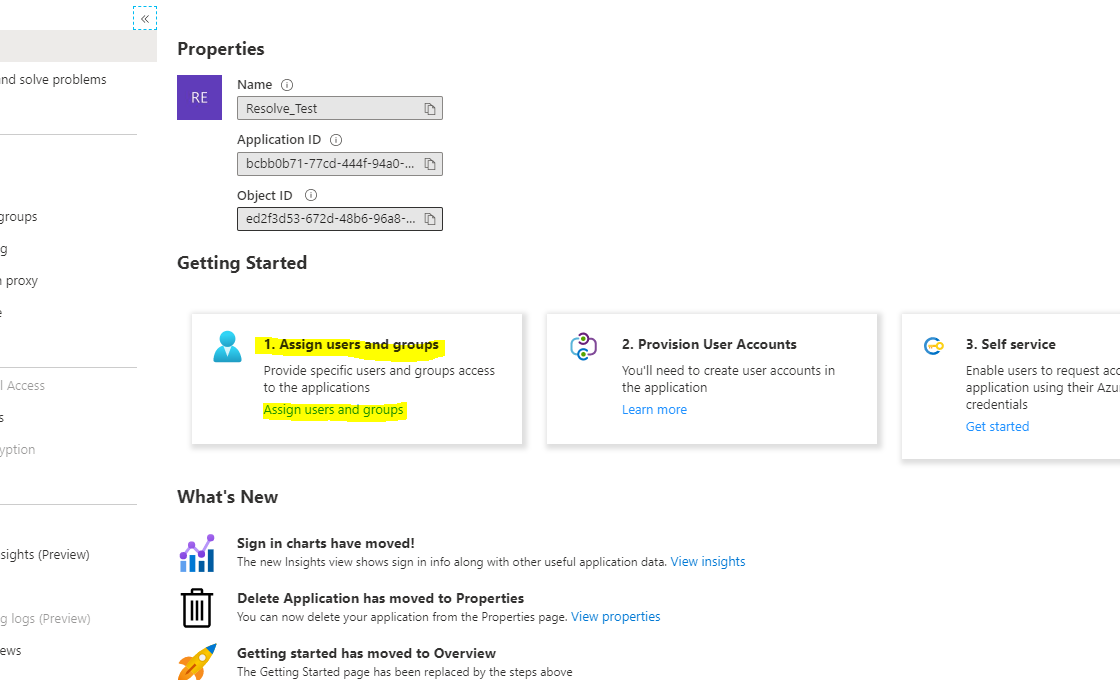
Step9: Now add the associated groups to the application by going to Enterprise Applications



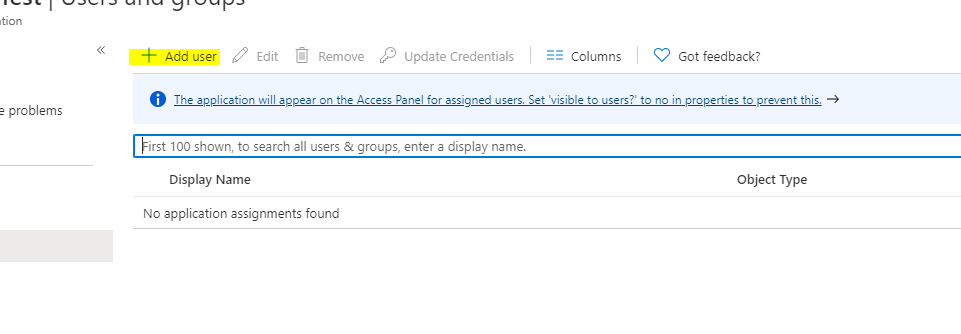
Step10: Search for your Application



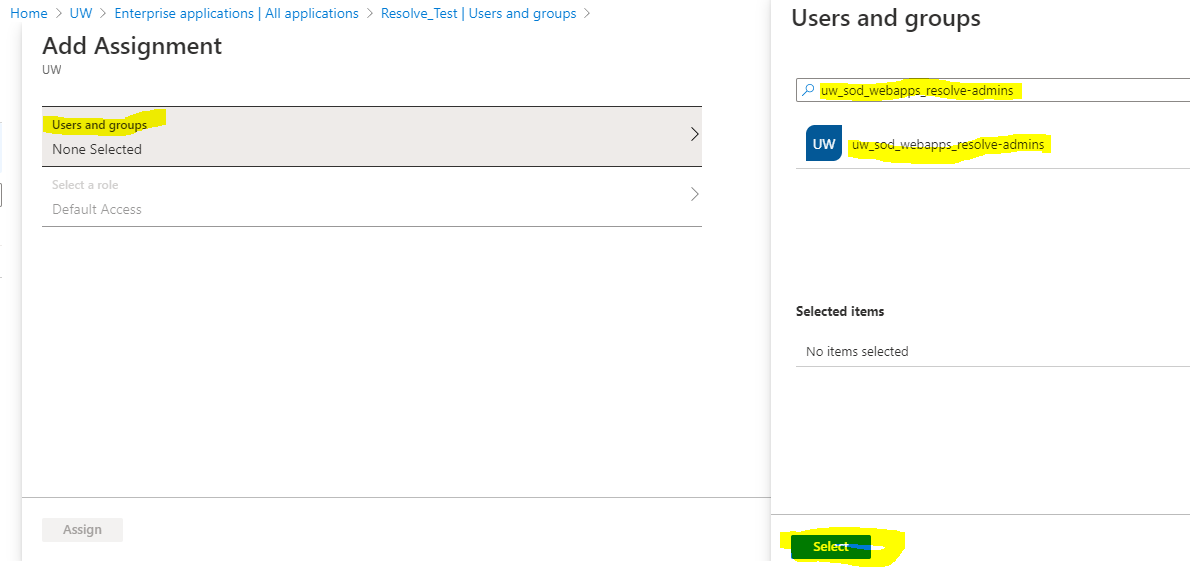
Step11: Assign Users and Groups



Step12: Add User



Step 13: Add the group



Step 14: Add all other groups relevant to Resolve at this place in Azure Portal

Step 15: Now use all the above details and fill in the appsettings.json file for your application as shown below

{

"AzureAd": {

"Instance": "https://login.microsoftonline.com/",

"Domain": "cloud.washington.edu",

"TenantId": "f6b6dd5b-f02f-441a-99a0-162ac5060bd2",

"ClientId": "0f6bc5f5-5dfb-43aa-93b5-6bc621f3d5f6",

"CallbackPath": "/signin-oidc",

"ClientSecret": "U@t3rA4h:\_8E[esK6aNXqs=.\_prSp@@E"

},

"Logging": {

"LogLevel": {

"Default": "Information",

"Microsoft": "Warning",

"Microsoft.Hosting.Lifetime": "Information"

}

},

"Smtp": {

"FromAddress": "sodforms@uw.edu",

"Server": "smtp.washington.edu",

"Password": "JAc@7H&C&+",

"Port": 587

},

"Launch": {

"Host\_Name": "localhost",

"Host\_Port": 44371

//"Host\_Name": "devapps.dental.uw.edu",

//"Host\_Port": 443

},

"AllowedHosts": "\*",

"GraphApiUrl": "https://graph.microsoft.com/beta",

"ConnectionStrings": {

//"ResolveContext": "Server=sod-d-sql-001.dental.uw.edu;Database=ResolveV1;Trusted\_Connection=True;MultipleActiveResultSets=true",

"ResolveContext": "Server=.\\SQLExpress;Database=ResolveV2;Trusted\_Connection=True;MultipleActiveResultSets=true"

}

}

With these steps your app should be ready to authenticate and integrate Azure AD into your .Net Core App.