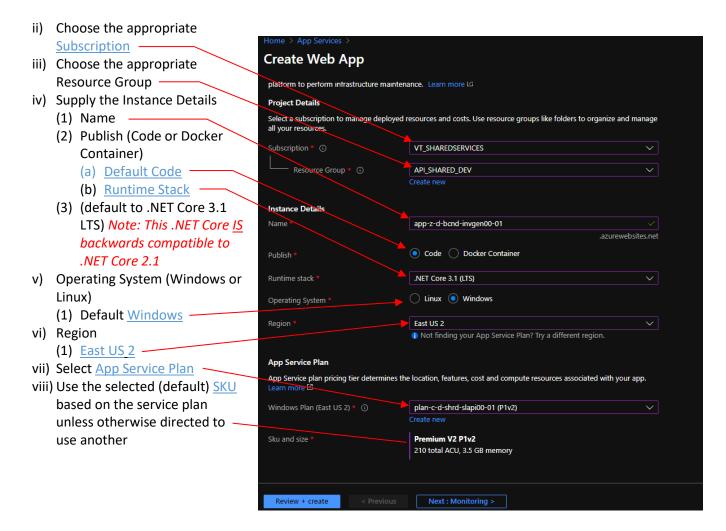
# **API and API Management Configuration**

Tuesday, February 09, 2021

#### General Overview:

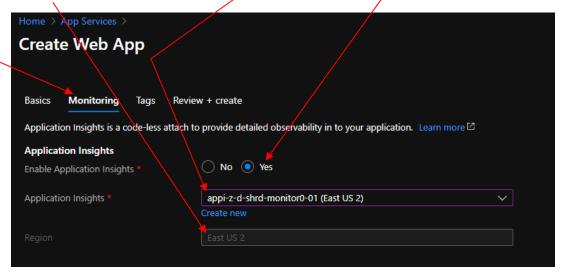
- API Backend Setup
- Configure API to API Management
- Security
- 1) Go to App Services from: Home → App Services →
  - a) Click + Create
    - (1) Refer to Section 1 in the API template document for steps A J.

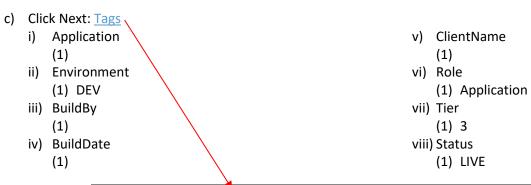


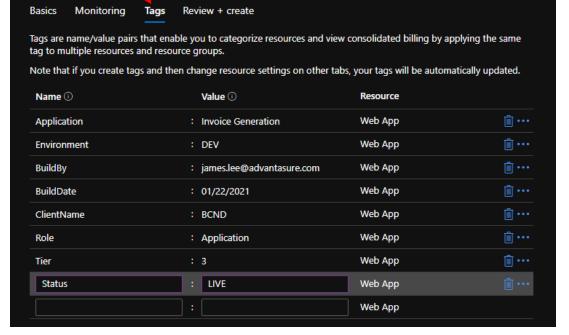


(1) Select from the drop down, the monitor0-01 for the environment (For example: api-c-t-shrd-monitor0-01)

(2) Region: East US 2

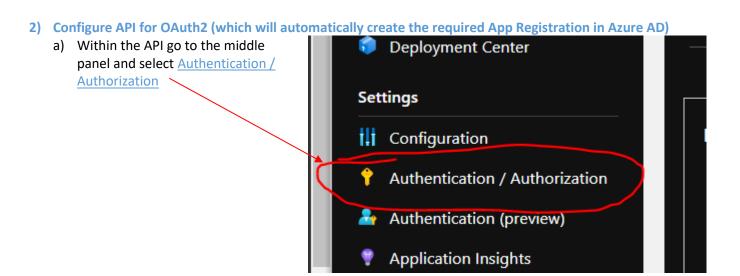


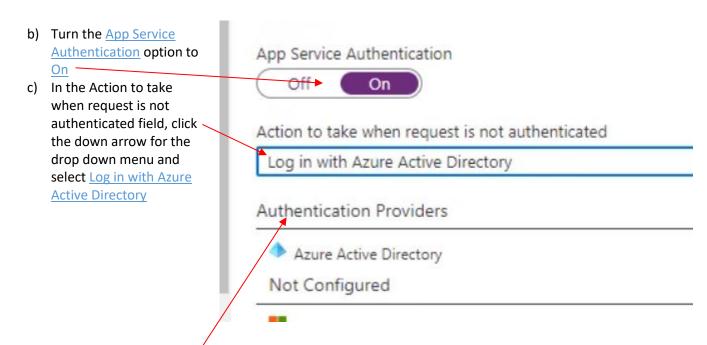




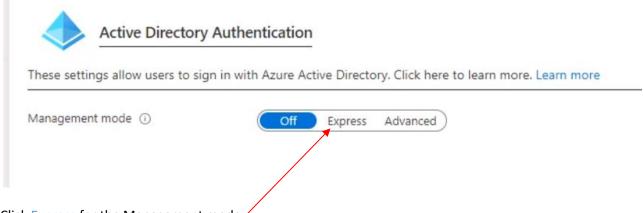
d) Click: Next: Review + create

e) Verify everything is correct, then click: Create



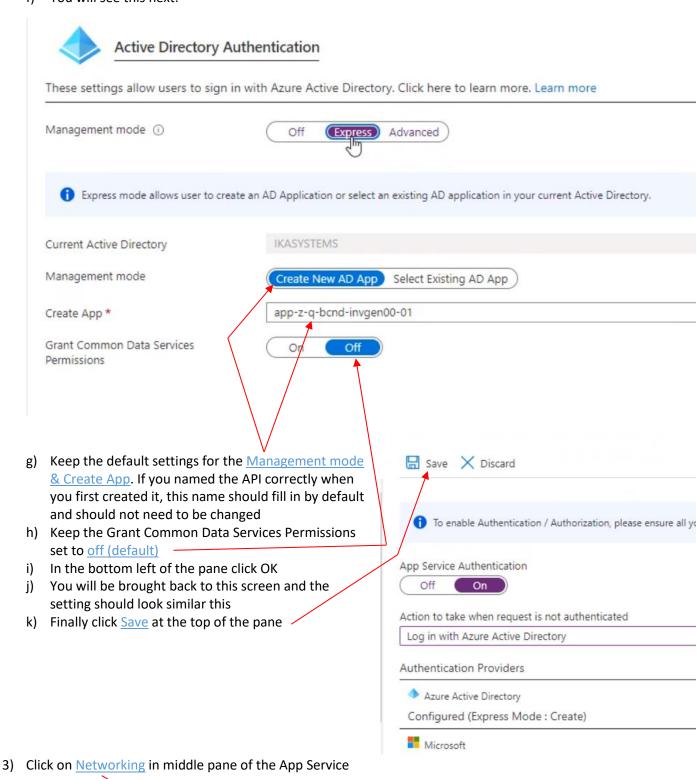


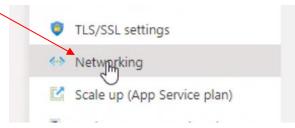
d) Next click on <u>Authentication Providers</u>, this brings up the following screen:



e) Click Express for the Management mode

You will see this next:

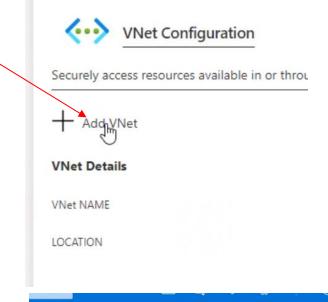


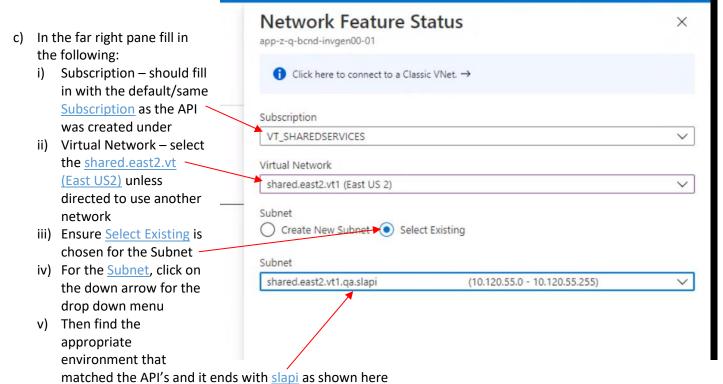


a) Now select: <u>Click here to configure</u> under the VNet Integration section:

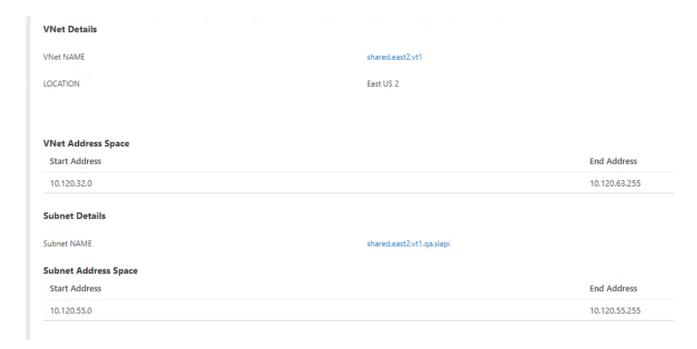


b) Click: Add VNet:



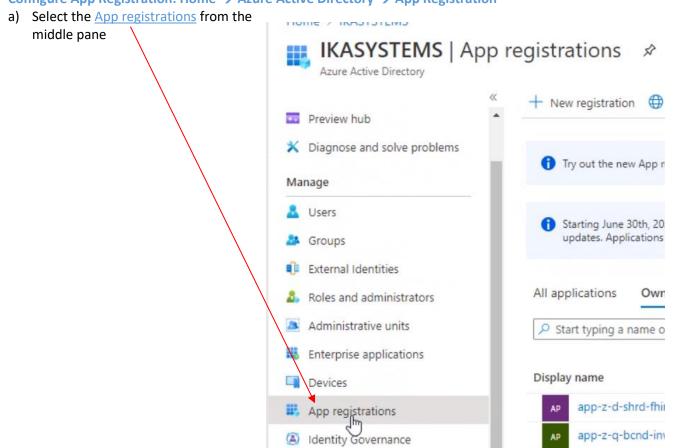


d) Click OK in the lower left of this pane to save the changes



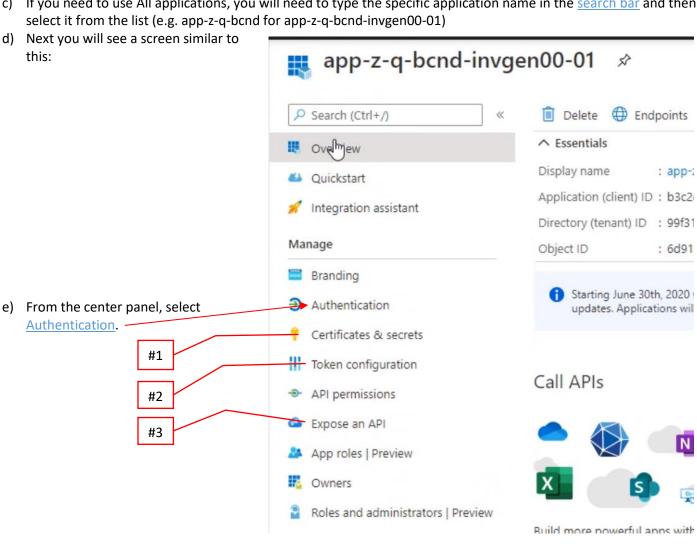
e) This should conclude the API Service creation. Next we will move on to API Management setup.

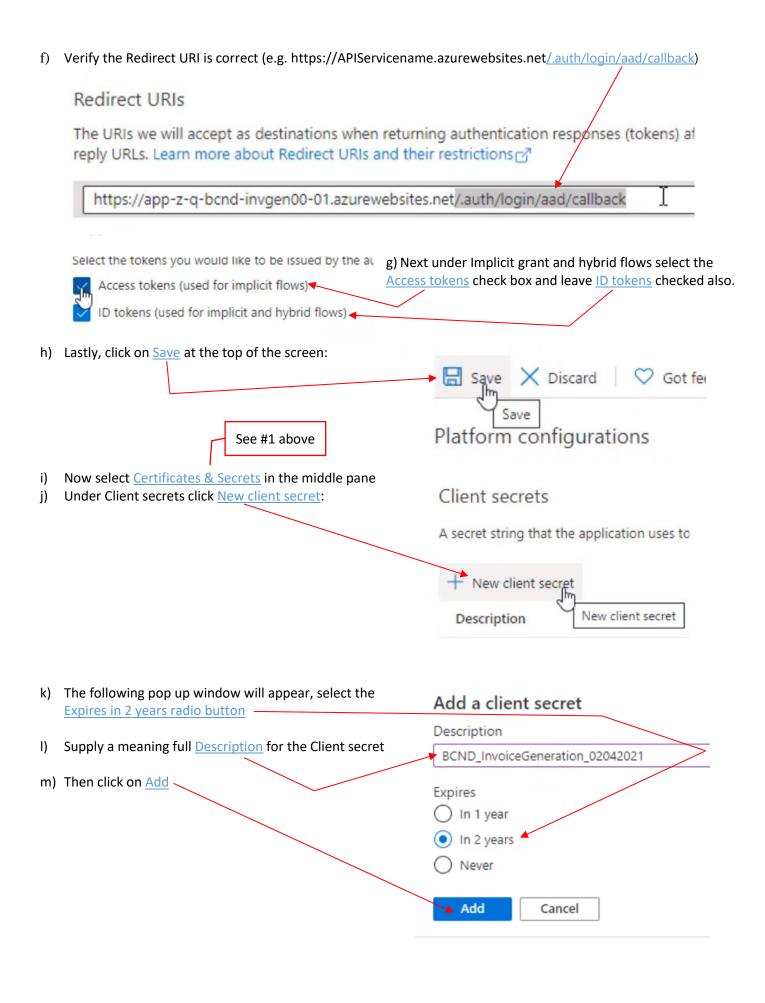
4) Configure App Registration: Home → Azure Active Directory → App Registration

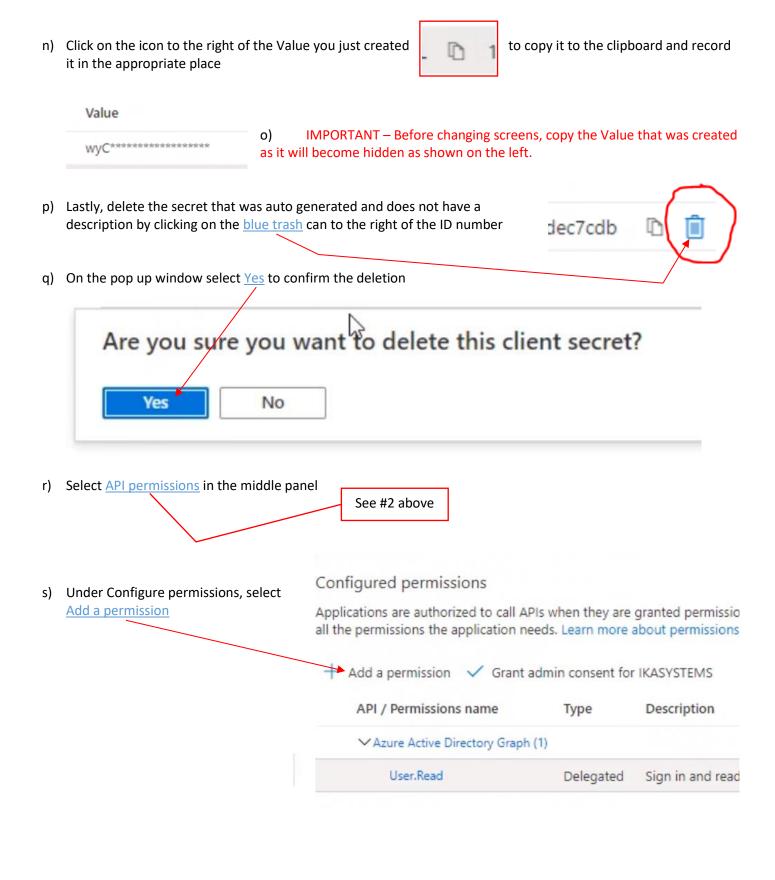


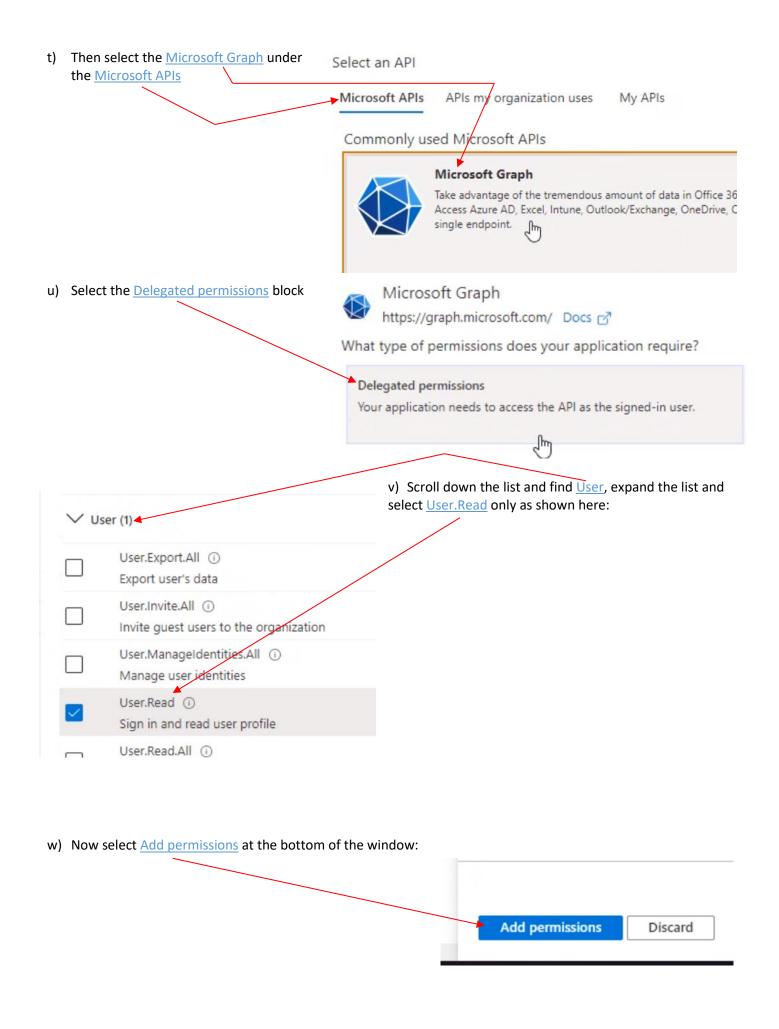
b) On the following screen you will be on the Owned applications by default. These show the APIs you created, if you did not create the API then you need to look under the All applications: -Owned applications All applications P Start typing a name or Application ID to filter these results Display name MVCtoCallAPI app-z-d-shrd-dmsapi00-01-oauth-test vcsvisdevVISBlue4KS AzureMigrate7c0bagentauthaadapp Visiant.PlatformEvolution.Portals.EnrollmentPortal

c) If you need to use All applications, you will need to type the specific application name in the search bar and then select it from the list (e.g. app-z-q-bcnd for app-z-q-bcnd-invgen00-01)

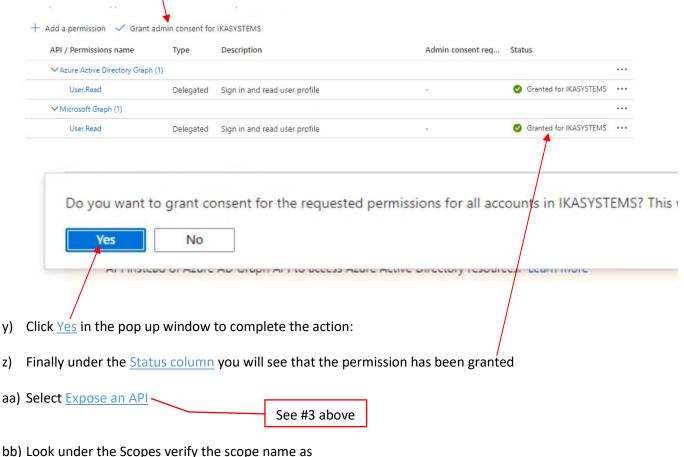








Next click on Grant admin consent for IKASYSTEMS (if you have permission)

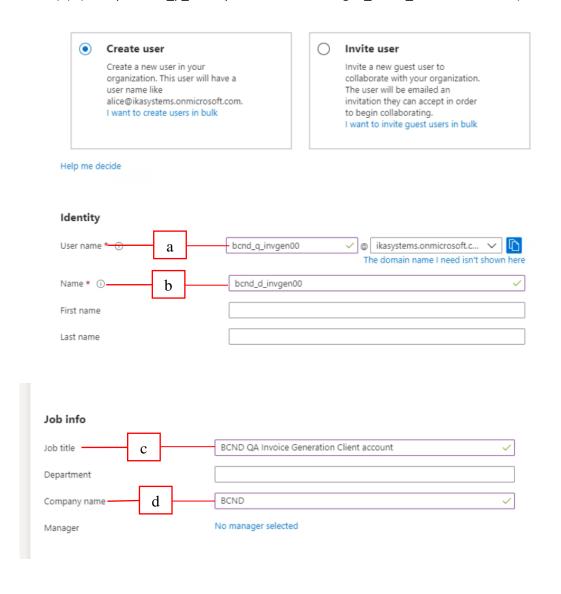


https://APIServicename.azurewebsites.net/user impersonation Emphasis being that the link ends with user impersonation -



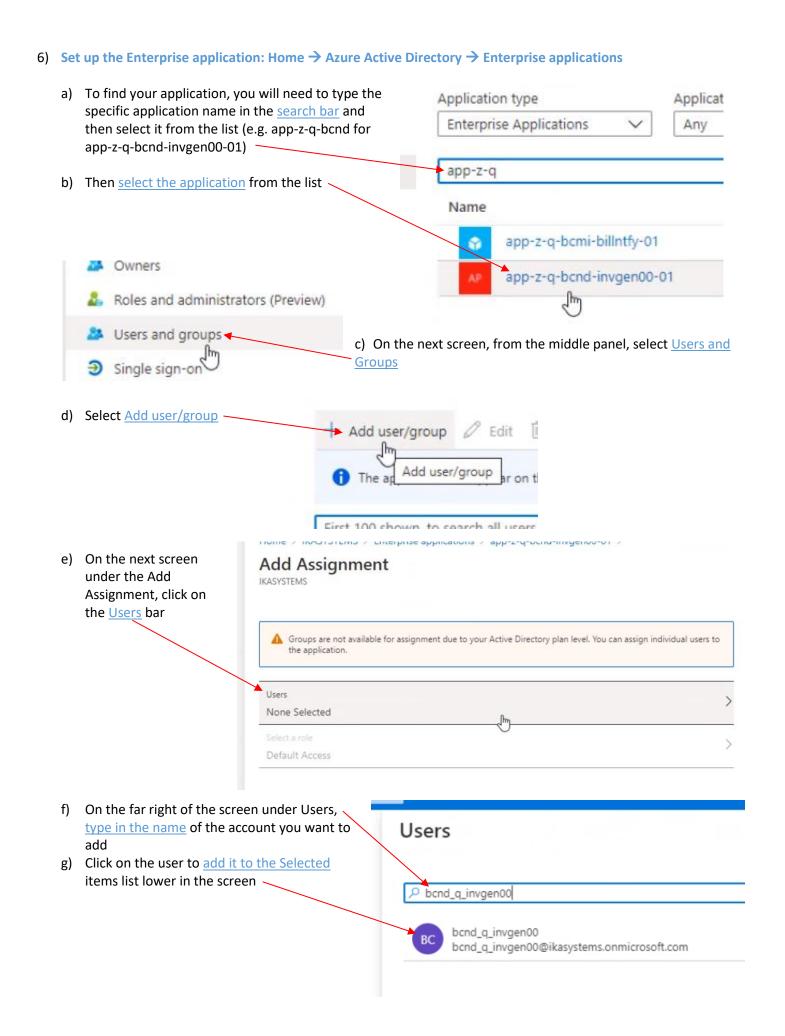
- 5) Set up the Client AD user Account: Home → Azure Active Directory → Users
  - a) Before proceeding, if you have not and need to create a new client user account for the App Service, please follow the steps outlined here:
    - i) Go to Home → Azure Active Directory → Users (1) Click on New user -New user (2) Account naming should be as follows (a) Client (4 Characters) This page in (b) Environment (1 character)
      - (c) API functional name/purpose (8 characters)

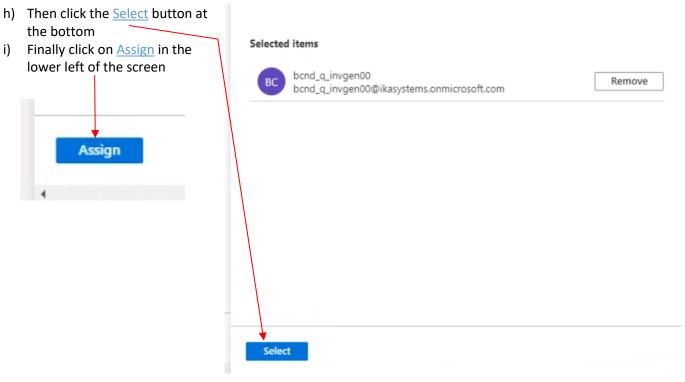
(d) (example bcmi\_p\_billntfy = Blue Cross Michigan\_PROD\_Biller Notification)



- (3) Fill in the following fields for the new user account:
  - (a) User name: as described above
  - (b) Name: use the same as the User name
  - (c) Job title: Client-Environment-App Function (see example)
  - (d) Company name: 4 character descriptor
- (4) Click on Create at the bottom of the window







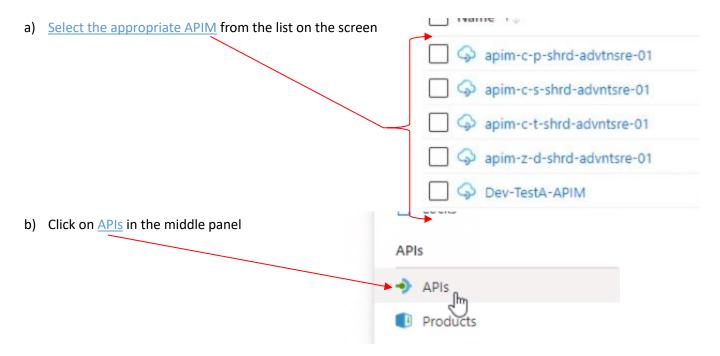
j) You should now see the account in the list as shown here



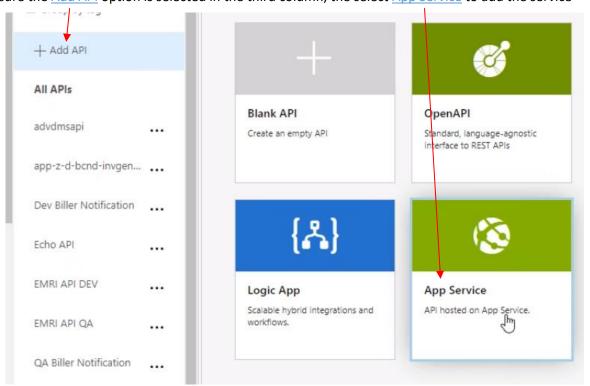
7) In Azure AD, navigate to Enterprise Applications again. Find and select your app registration like you did in 6a above and go to Properties. Set "<u>User Assignment Required</u>" to <u>Yes</u>. Click on Save.



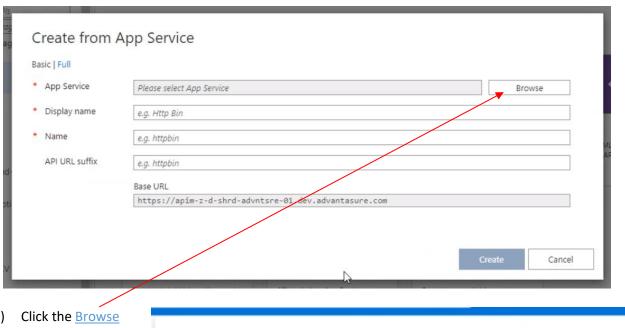
8) Configure API to API Management Service: Home → API Management Services

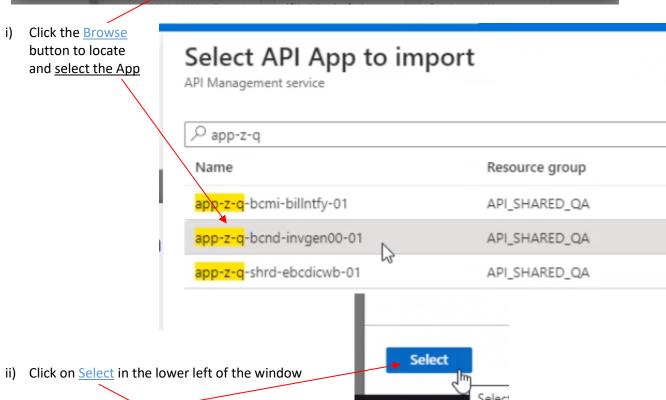


c) Be sure the Add API option is selected in the third column, the select App Service to add the service



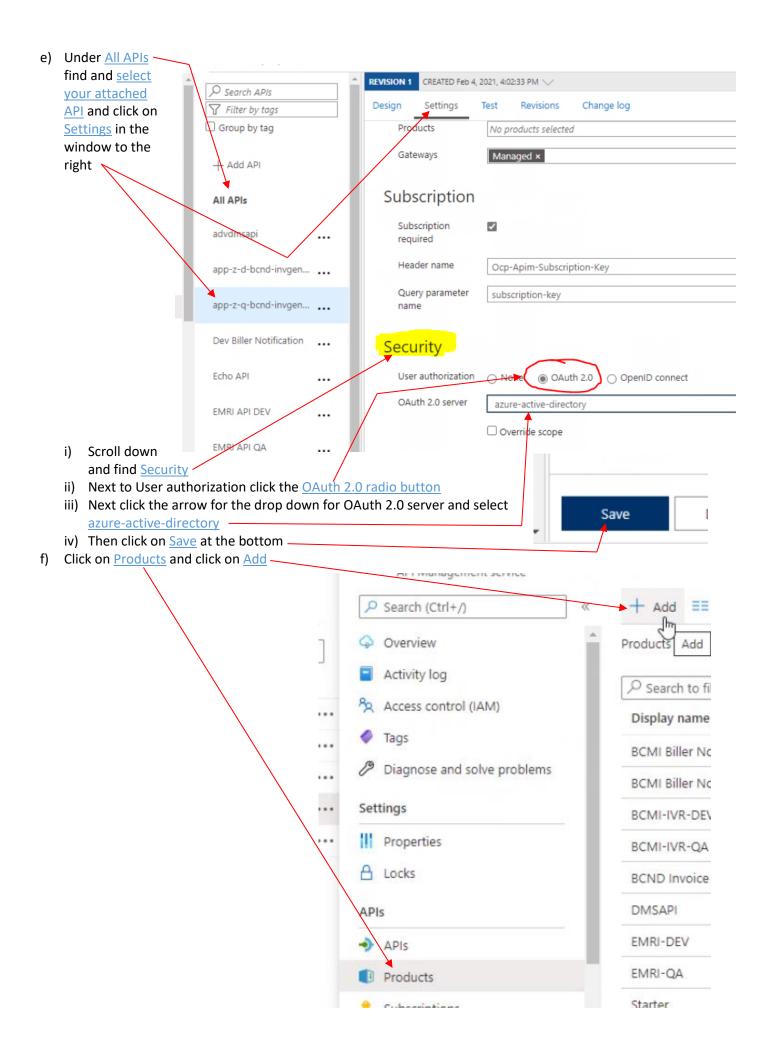
## d) The following screen appears

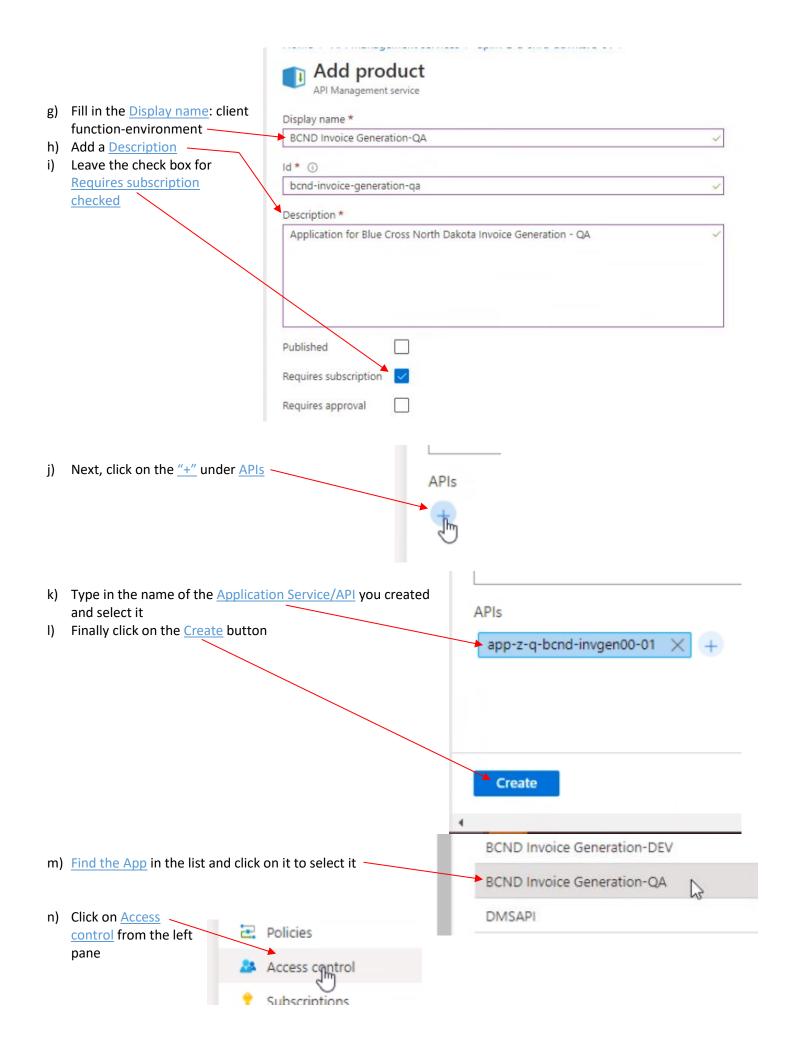


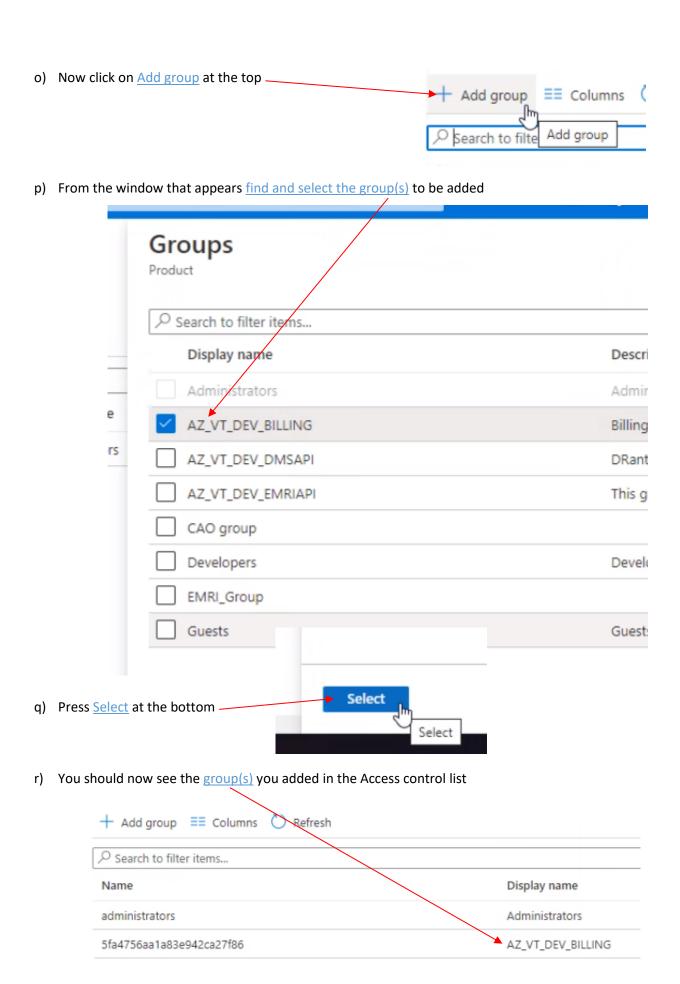


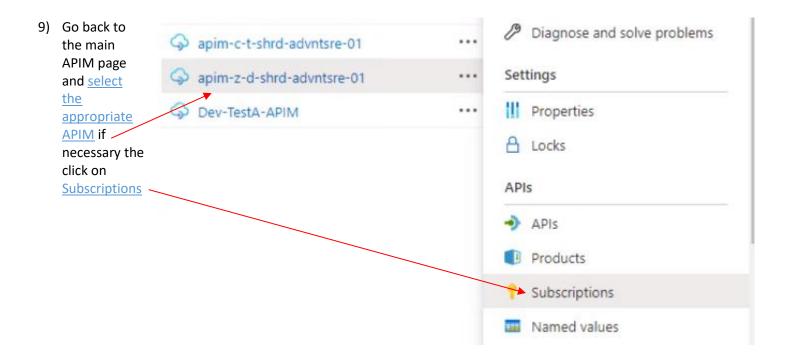
- iii) Display name: Use the App Service/API name (e.g. app-z-q-bcnd-invgen00-01)
- iv) Name: Use the App Service/API name (e.g. app-z-q-bcnd-invgen00-01)
- v) API URL suffix: Use a logical short name such as environment-client-function e.g. qa-bcnd-invgen)
- vi) Base URL: Automatically self populates (Note: this is also known as the DNS record for the App
- vii) Click on Create



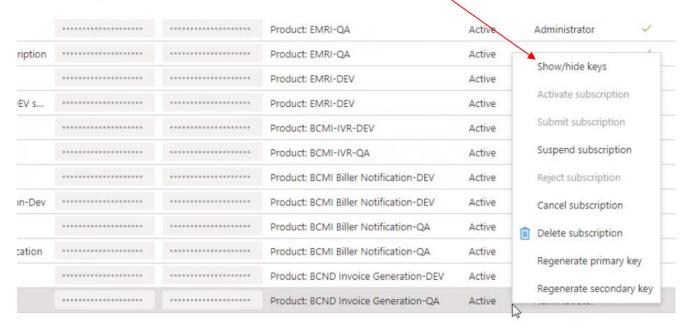








10) Find the Product you just created and click on the ... at the far right of it or right click on the product and select Show/hide keys

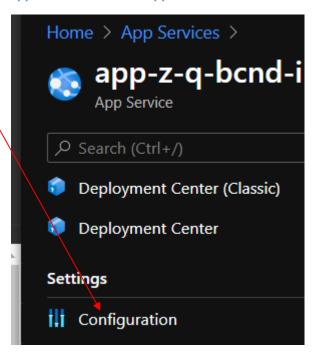


11) Click on the "Copy to clipboard" icon under the Primary key and record this in the build document

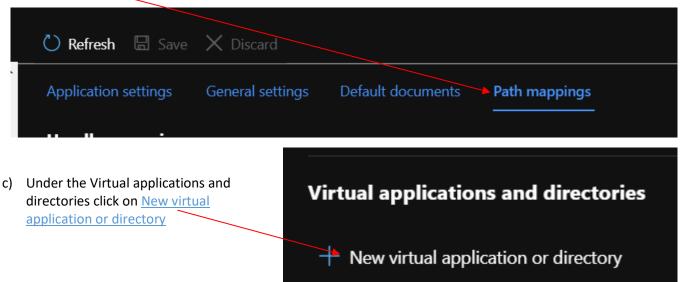


## 12) Optional if required Create Microservices for the App Service: Home → App Services

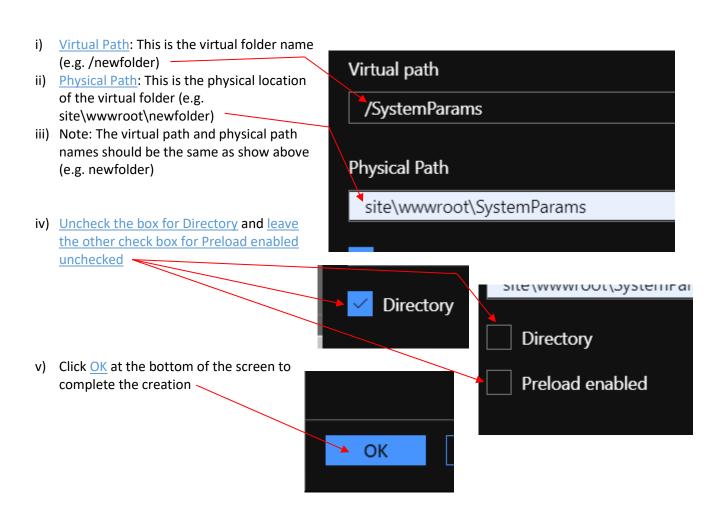
a) From the center panel select Configuration



b) Next select Path Mappings from the right panel



d) On the next window that opens up fill in the following:

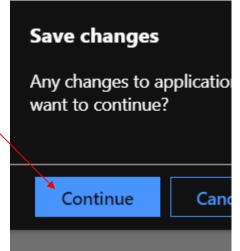


vi) Repeat steps i though v above for any additional virtual directories or "Microservices" to be created

vii) Do not refresh the screen until you click on <u>Save</u> at the top, otherwise all the newly created items will be discarded automatically \_\_\_\_\_\_\_ Save

viii) You can create more than one virtual directory or as many as you like before saving, but be aware of the risks

ix) After clicking on Save you will need to click on <u>Continue</u> to finalize the process



## Appendix A:

## Check the naming convention confluence page for existing names

#### **Overall naming scheme:**

Service name (Microsoft Name Prefix) - Env - Shrd/Client - App Name - 01

#### Service name (Microsoft Name Prefix)

https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/ready/azure-best-practices/naming-and-tagging

#### **Business Unit**

- Z Core Admin
- R Risk and Quality
- C Combined (CoreAdmin + Risk and Quality)

#### Env

- P Prod
- D Dev
- Q QA
- S Stage
- N Int
- C CSB
- R Training
- T Test
- TC Test C
- TG Test G
- TH Test H
- U UAT
- F Perf
- I Infrastructure

#### Shrd/Client (4 Letters)

• Reference client naming scheme

#### **App Name**

- 8 Characters
- All lowercase
- Use 0 as filler character at end

Number - (2) Optional

#### **EXAMPLES:**

app-z-t-bcmi-gwenroll-01

app-r-q-shrd-docwrite-01

apim-z-q-shrd-advntsr0-01

logic-z-p-prem-docwrt00-01

Recommended naming and tagging conventions - Cloud Adoption Framework

Learn detailed resource naming and tagging recommendations aimed specifically at supporting enterprise cloud adoption efforts.