**Deploying ASP .Net Core + Angular + SQL on Azure Paas Service**

Step 1: Creating a Sql Database in Azure

* Login into your azure portal.
* Create a resource group under which we will be creating all our resources.
* Create a SQL Database Server under the resource group with SQL authentication.

Step 2: Exporting the SQL Database from local server and Importing into Azure Database Server

* Open SQL Management Studio and open the local DB.
* Right Click on the Db and click on “Export as Data Tier Application” and store the file with .bacpac extension in the local disc.
* The Azure Database is connected into SSMS by providing the SQL authentication.
* The locally exported .bacpac file is imported by right clicking on the “Databases” under Azure Database and then clicking on “Import Data Tier Application”
* The Database will be then Updated in Azure Database.
* We have to save the .bacpac file on the azure storage services.
* You can use the blob storage

Step 3: Creating App Service for deploying API

* Next, we need to create an App Service in azure.
* In Azure the App service is created using the technology stack as used for creating the API (.NET Version)
* There are a lot of version related to .net, node , java etc. Select the appropriate and then move forward.
* After opening Visual Studio right-click on the project, then publish is selected.
* In the new dialog box, the corresponding app service and database (azure) is selected and then the publish button is pressed to publish the API/backend in Azure.
* Here there is a option to attach the previously added sql database to the web api in the final steps of publish.
* Such a handy thing that Microsoft provides/integrates one another service or application with each other.

Step 3: Creating App Service for deploying Angular/Frontend

* For Deploying Angular we need to create an App Service in azure.
* In Azure the App service is created using the technology stack as used for creating the Angular (Node Version).
* After Opening Visual Studio Code, the base URLs are changed as per the API URL in Azure.
* In terminal type “ng build configuration=production”. A “dist” folder will get created.
* Next Deploy the “dist” folder in Azure App service created for Angular.