

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.

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)
- ✚ 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.

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.