App Service Migration

Step1

Download the sample project from the following link

https://github.com/Azure-Samples/dotnet-sqldb-tutorial/archive/master.zip

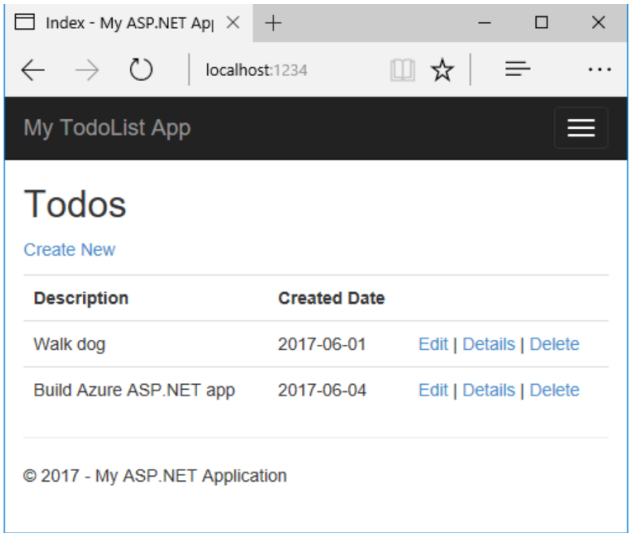
Step2

Open the ***dotnet-sqldb-tutorial-master/DotNetAppSqlDb.sln*** file in Visual Studio

Step3

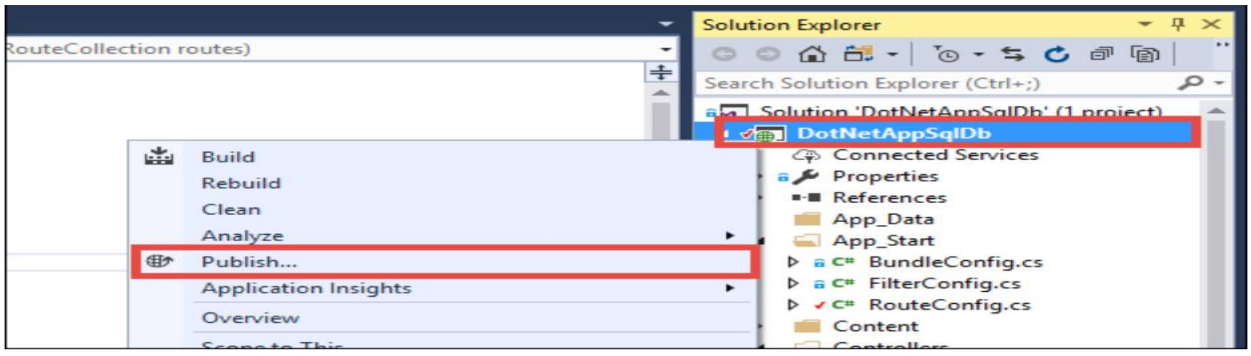
Run the Application `Ctrl+F5`

The app is displayed in your default browser



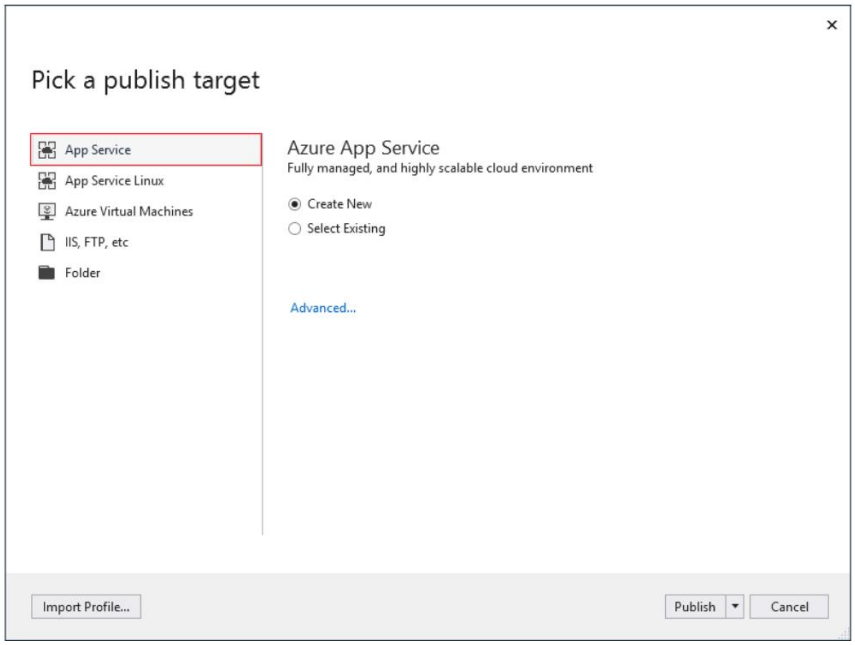
Step4

Publish to azure with SQL DB



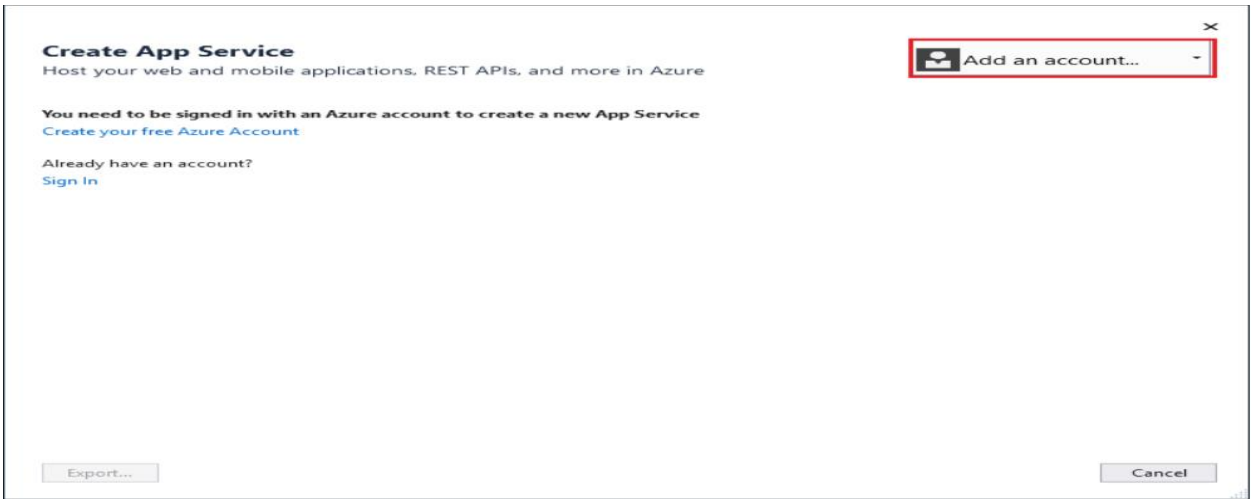
Step5

Make sure that **Microsoft Azure App Service** is selected and **create New**



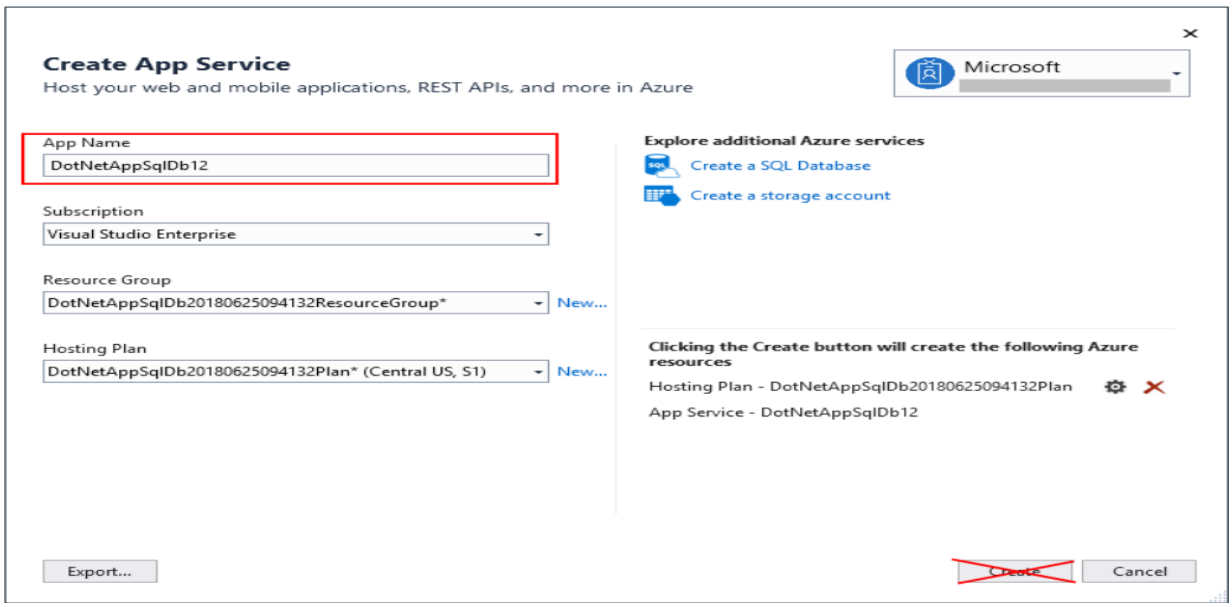
Step6

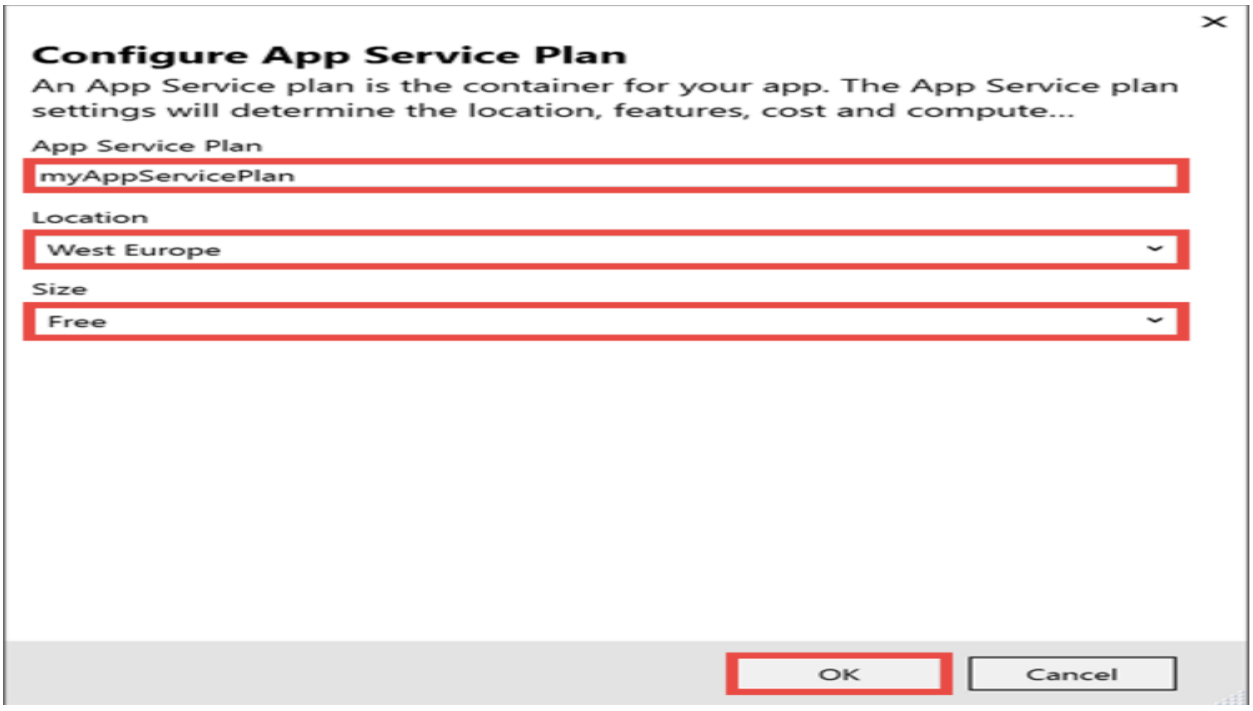
Sign into azure account



Step7

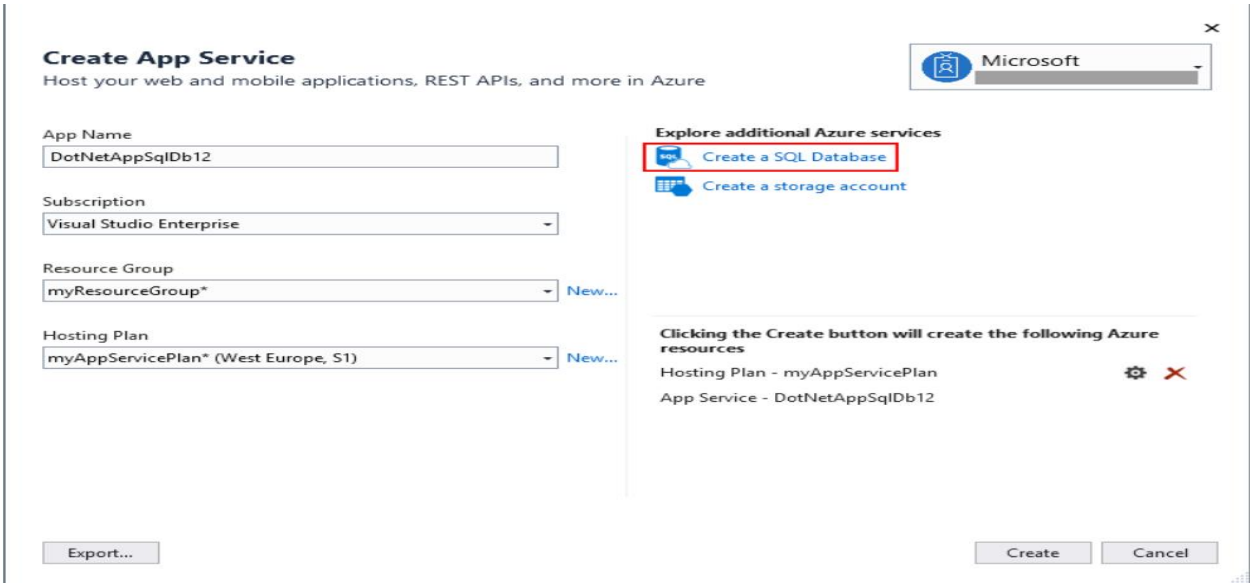
Configure the **web app name** and **resource group** and **app service plan**

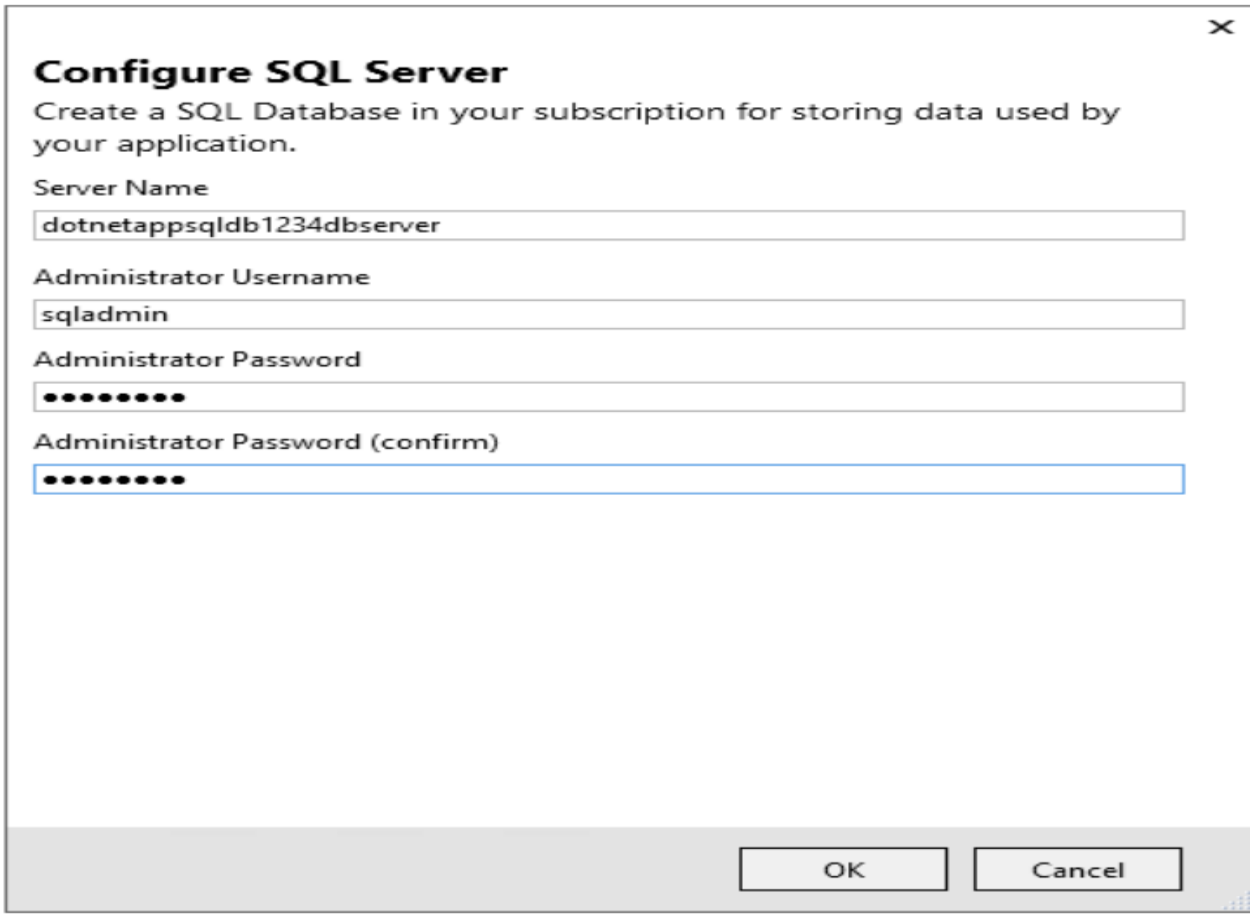


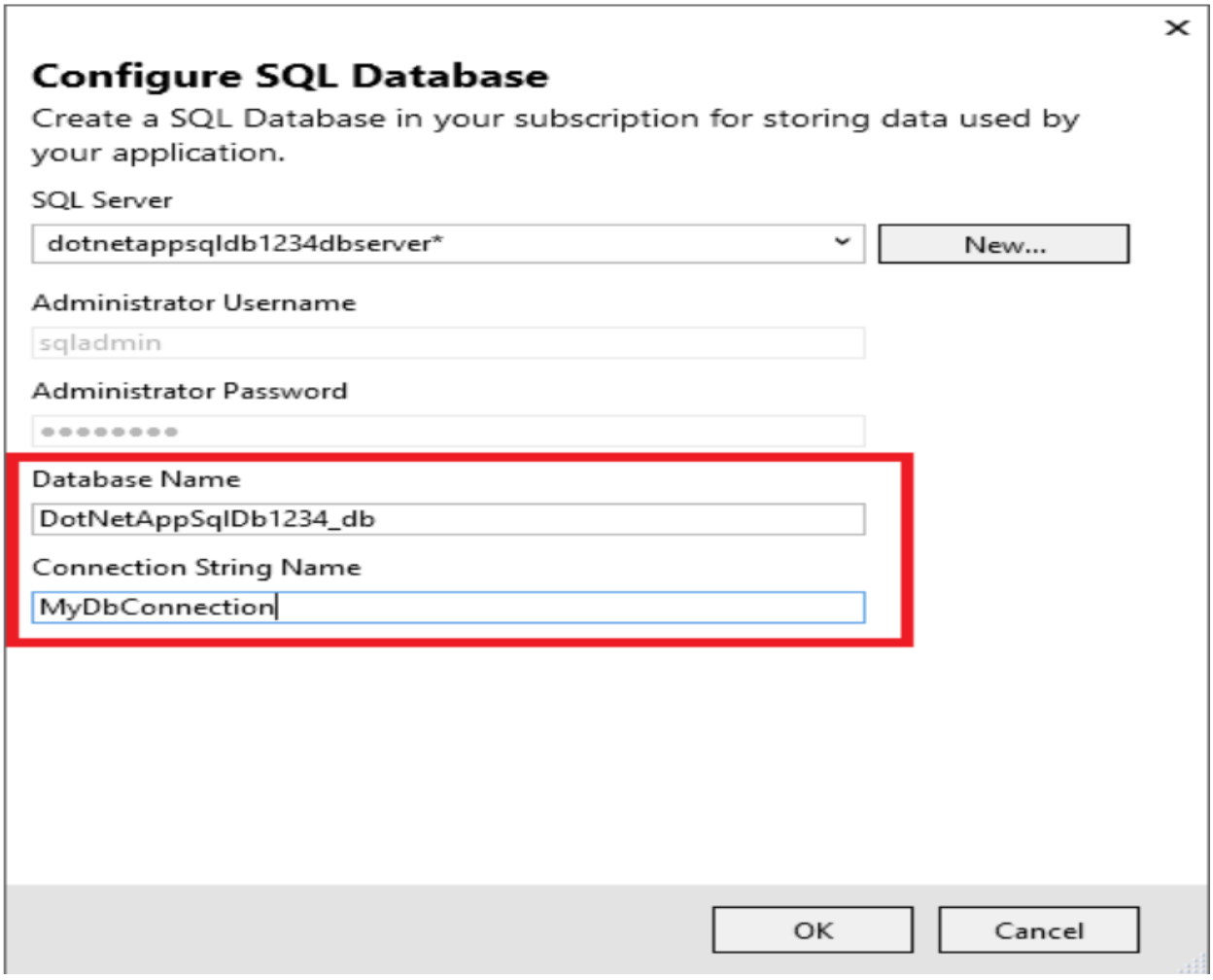


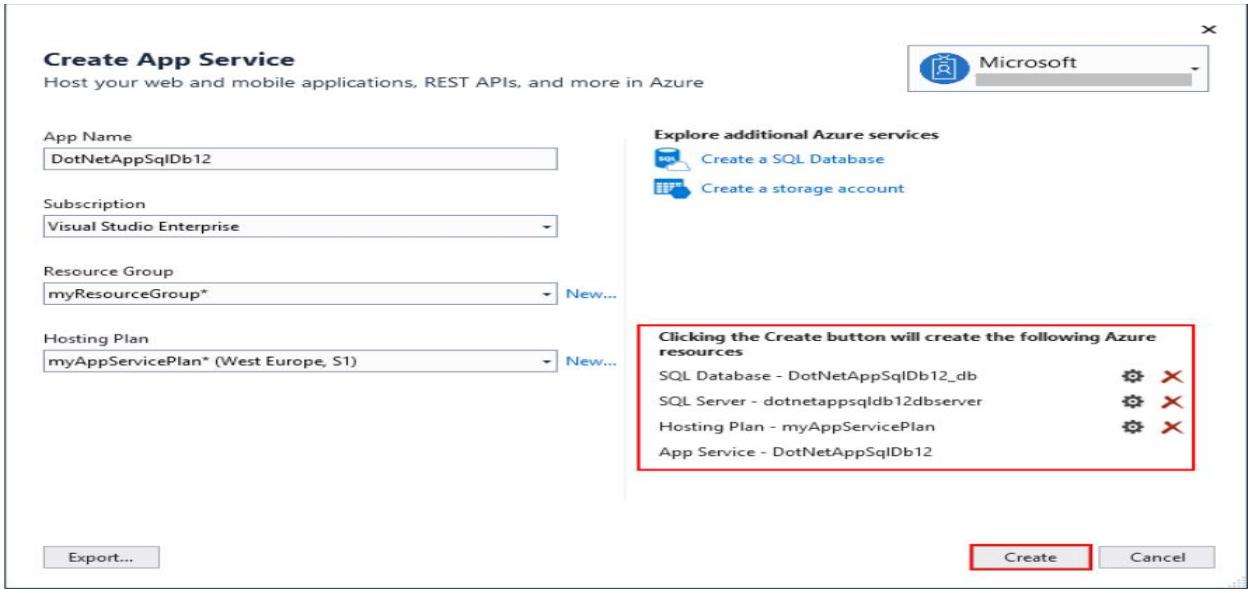
Step8

Create SQL server instance and SQL Database


Create App Service
Host your web and mobile applications, REST APIs, and more in Azure
Microsoft
App Name
DotNetAppSqlDb12
Subscription
Visual Studio Enterprise
Resource Group
myResourceGroup*
New...
Hosting Plan
myAppServicePlan* (West Europe, S1)
New...
Explore additional Azure services
Create a SQL Database
Create a storage account
Clicking the Create button will create the following Azure resources
Hosting Plan - myAppServicePlan
App Service - DotNetAppSqlDb12
Export...
Create
Cancel

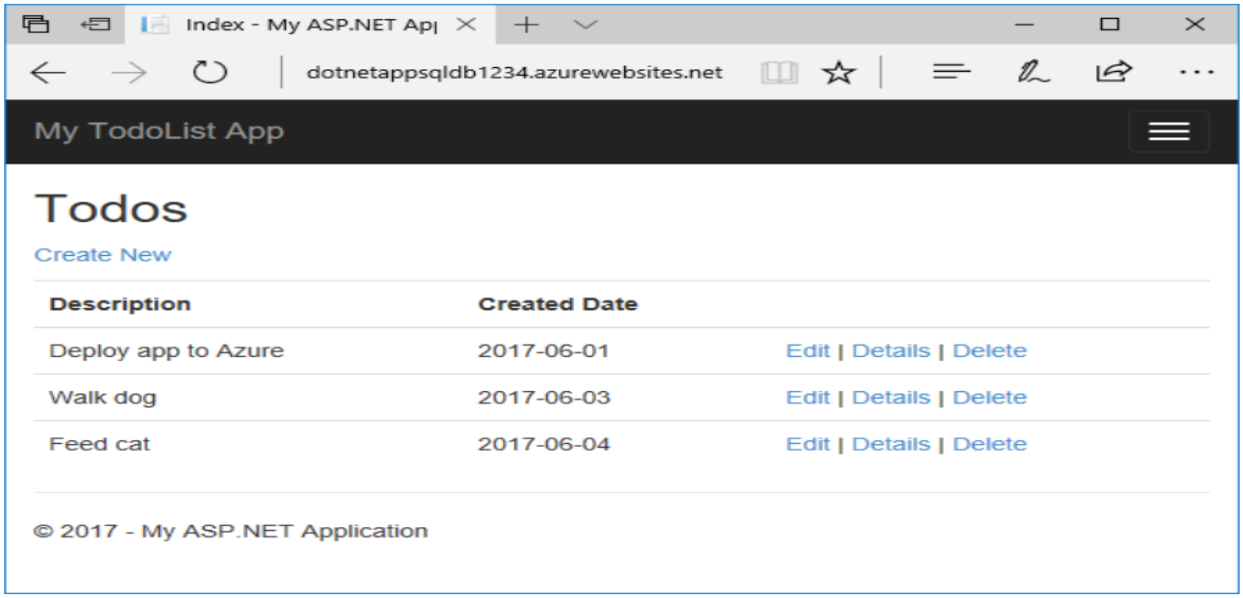

Configure SQL Server
Create a SQL Database in your subscription for storing data used by your application.
Server Name
dotnetappsqldb1234dbserver
Administrator Username
sqladmin
Administrator Password
Administrator Password (confirm)
OK
Cancel


Configure SQL Database
Create a SQL Database in your subscription for storing data used by your application.
SQL Server
dotnetappsqldb1234dbserver*
New...
Administrator Username
sqladmin
Administrator Password
Database Name
DotNetAppSqlDb1234_db
Connection String Name
MyDbConnection
OK
Cancel


Create App Service
Host your web and mobile applications, REST APIs, and more in Azure
Microsoft
App Name
DotNetAppSqlDb12
Subscription
Visual Studio Enterprise
Resource Group
myResourceGroup*
New...
Hosting Plan
myAppServicePlan* (West Europe, S1)
New...
Explore additional Azure services
Create a SQL Database
Create a storage account
Clicking the Create button will create the following Azure resources
SQL Database - DotNetAppSqlDb12_db
SQL Server - dotnetappsqldb12dbserver
Hosting Plan - myAppServicePlan
App Service - DotNetAppSqlDb12
Export...
Create
Cancel

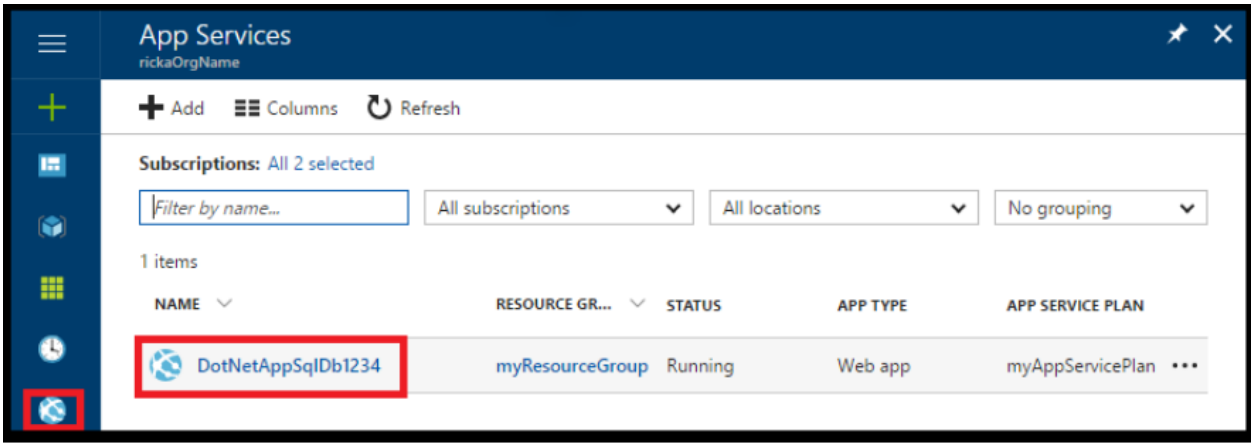
Step9

Once you clicked publish, it will take few minutes to publish and opened the browser



Step10

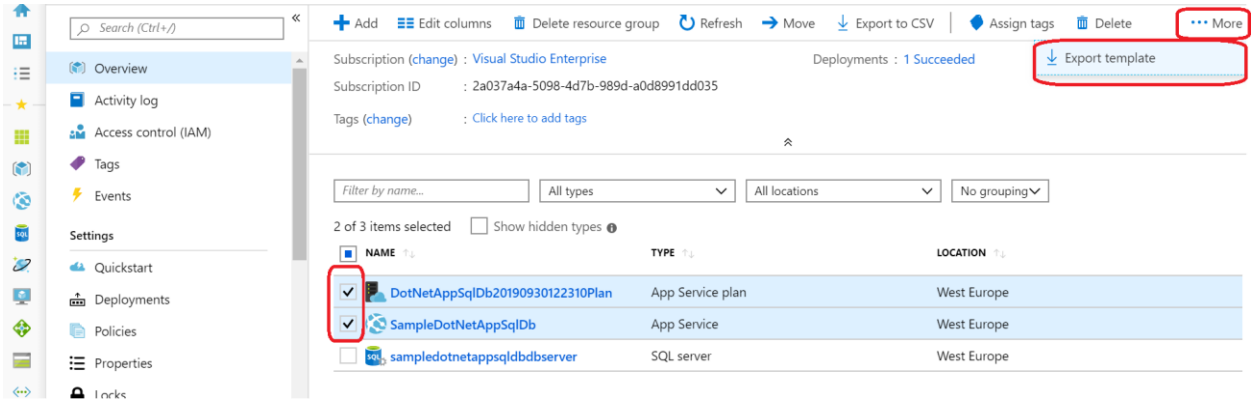
Go to azure portal and check the app service what you have published



Step11

Create one more app service and SQL server for migration using ARM Template

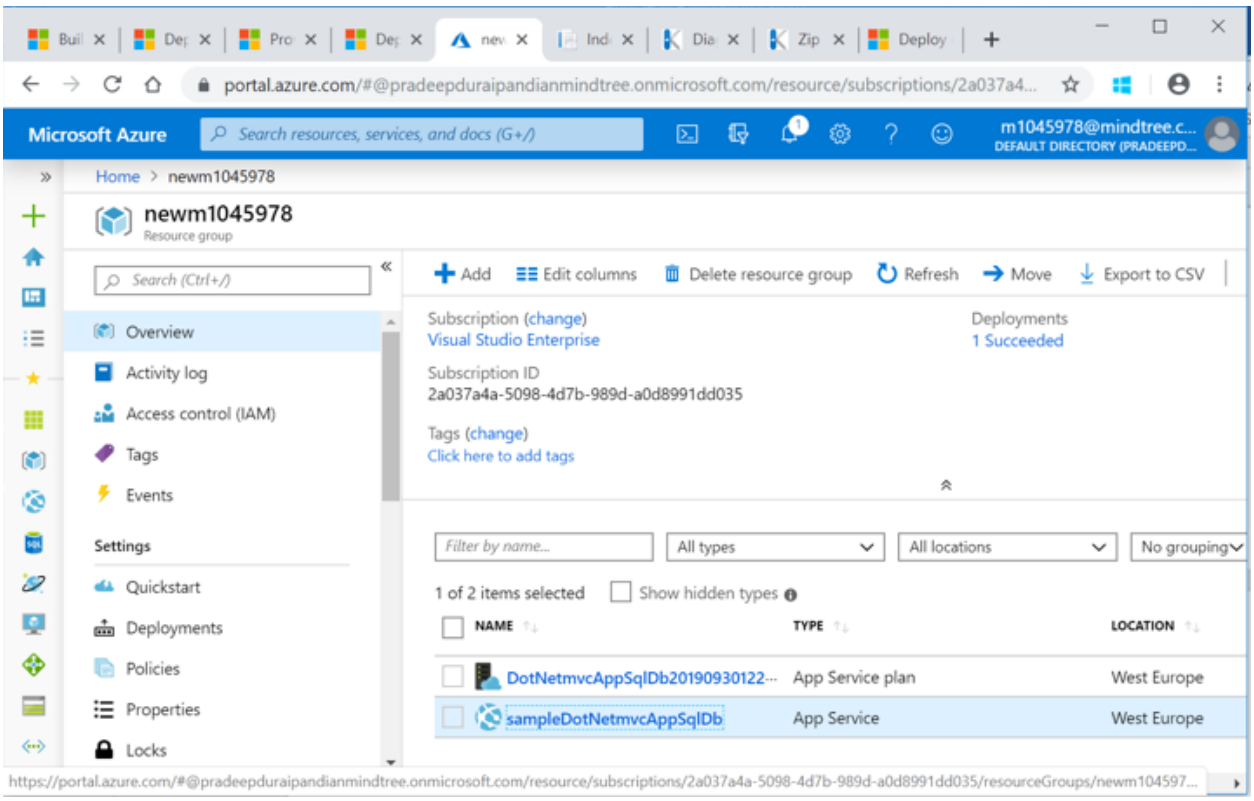
To Download ARM Template select the **App service** and **App service plan** →Click, **more** on Right side corner→Click **Export Templatsse**



template.json

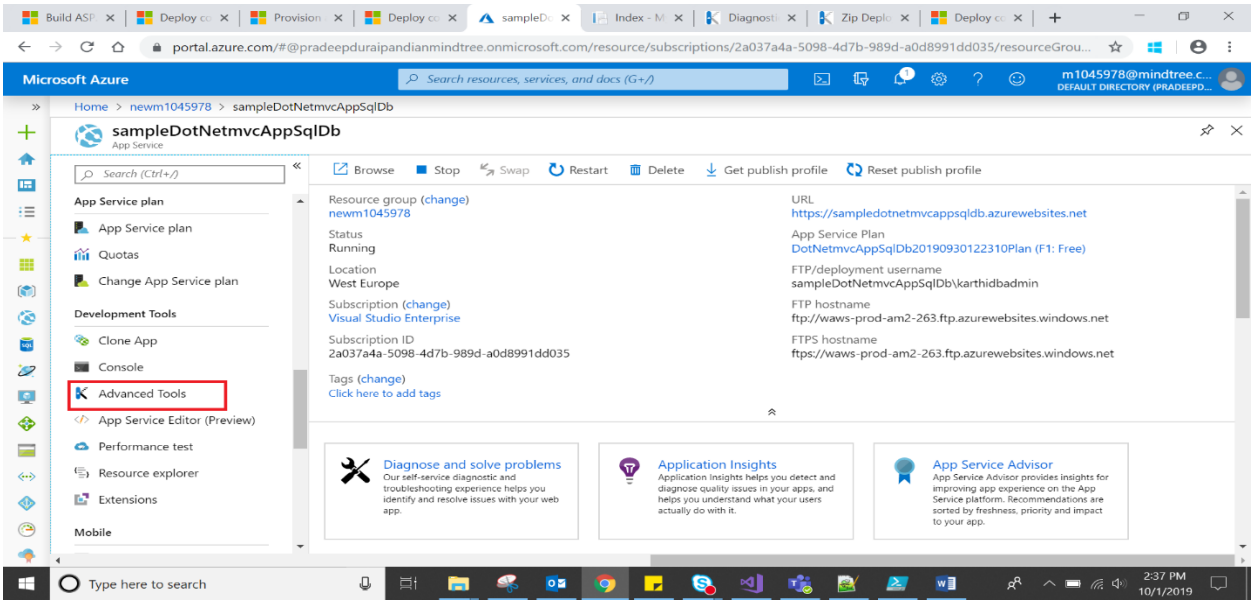
Step12

Go to azure portal and check the created app service and app service plan

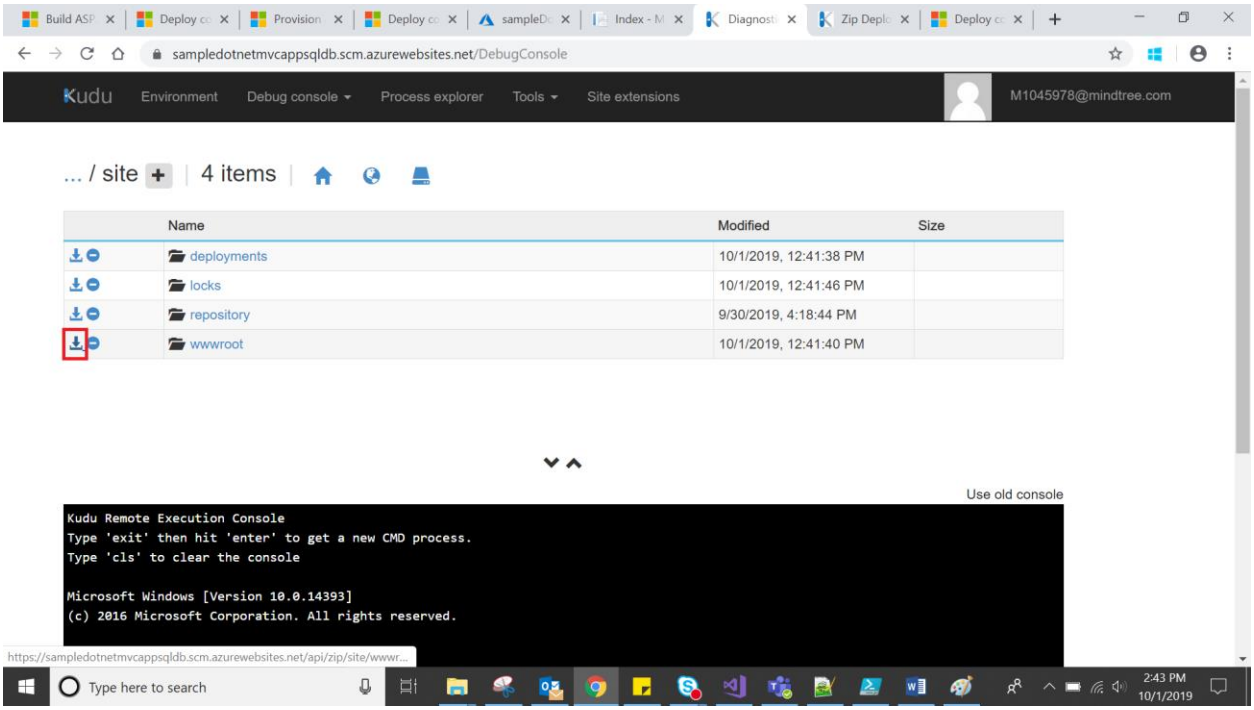


Step13

Download the source code as ZIP format from KUDU console in app service(what we deployed)



Go to Debug Console→CMD→site→wwwroot→click download symbol



Step14

Deploy the ZIP file to App service using PowerShell

Make sure your Azure CLI version is 2.0.21 or later

To see which version you have, run **`az --version`** command in your terminal window

az webapp deployment source config-zip --resource-group “myResourceGroup” --name “app_name” --src “path”.zip

Step15

Check the new app service using KUDU console and open the app service URL

This command deploys the files and directories from the ZIP file to your default App Service application folder (`\home\site\wwwroot`)