App Service Migration

Step1

Download the sample project from the following link
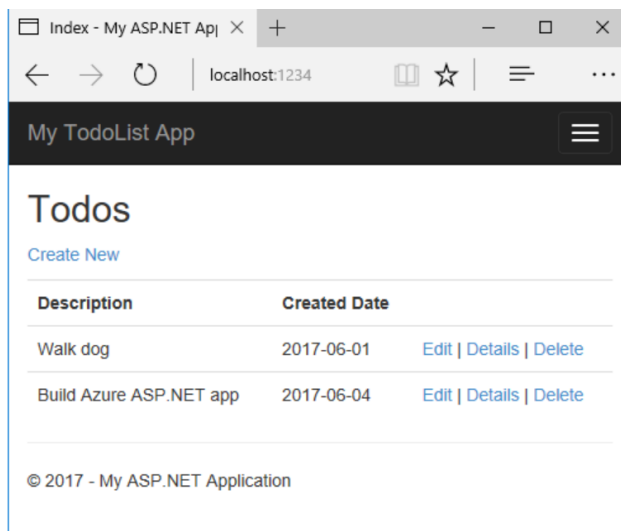
https://github.com/Azure-Samples/dotnet-sqldb-tutorial/archive/master.zip

Step2

1. Open the ***dotnet-sqldb-tutorial-master/DotNetAppSqlDb.sln*** file in Visual Studio
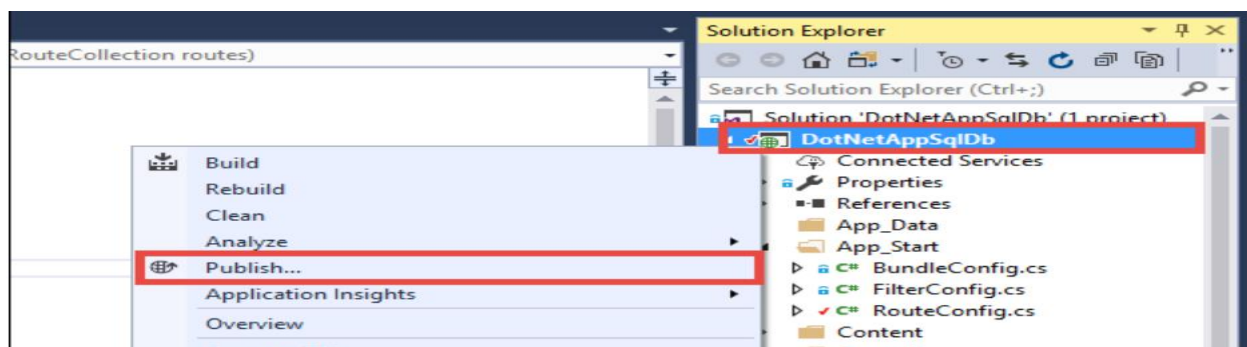2. Create SQL Db and replace the connection string in web config

Step3

Run the Application `Ctrl+F5`

The app is displayed in your default browser
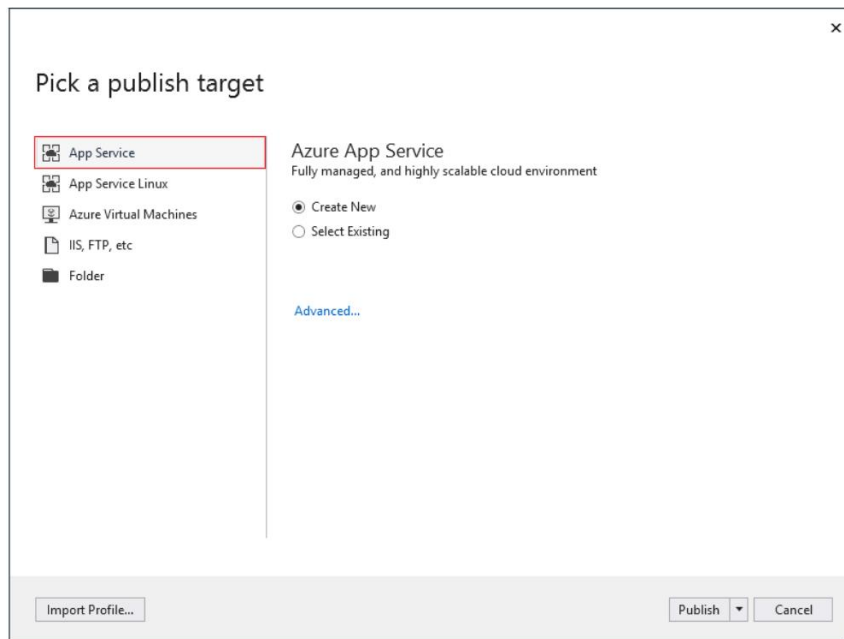

Step4
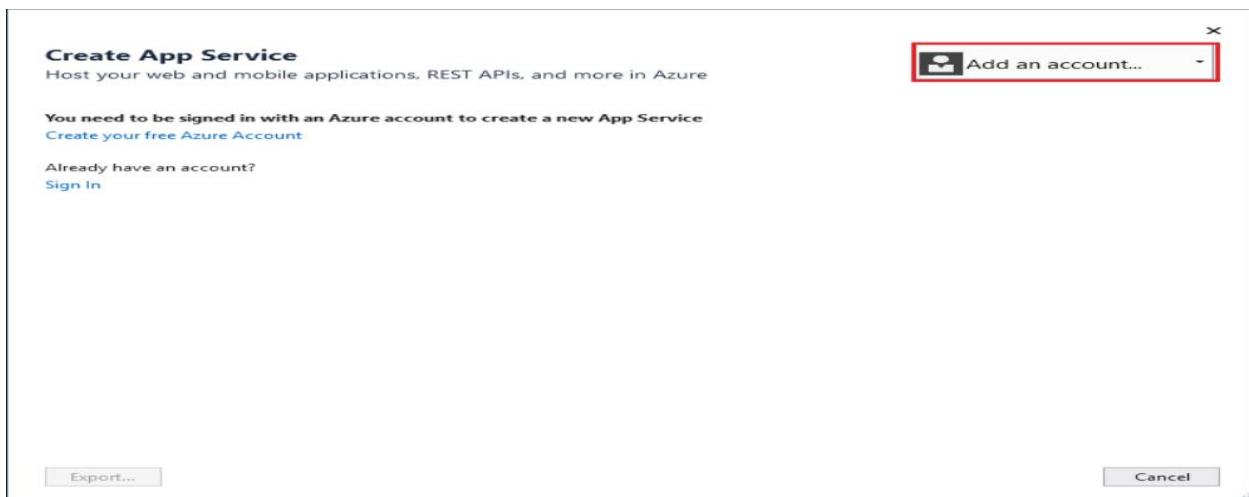
Publish to azure with SQL DB

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**

Create App Service

Host your web and mobile applications, REST APIs, and more in Azure

Mindtree Limited
M1045978@mindtree.com

App Name

SampleAppWithSQL

Subscription

Visual Studio Enterprise

Resource Group

POC (westus2)   New...

Hosting Plan

SampleAppWithSQLPlan* (West US, F1)   New...

Application Insights

None

Explore additional Azure services

Create a SQL Database

Create a storage account

Clicking the Create button will create the following Azure resources

Hosting Plan - SampleAppWithSQLPlan

App Service - SampleAppWithSQL

Export...   Create   Cancel

Step8

Create SQL server instance and SQL Database

Configure SQL Database

Create a SQL Database in your subscription for storing data used by your application.

Database Name

sampleappwithsqldbname

SQL Server

sampleappwithsqldbserver* (Central US) ▼ New...

Administrator Username

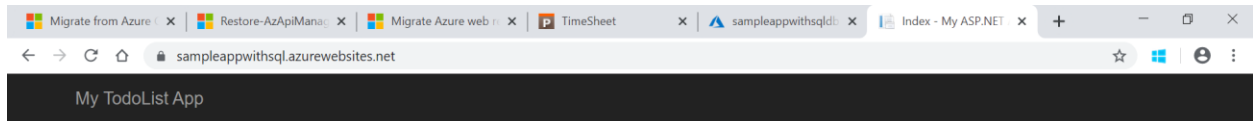adminuser

Administrator Password

●●●●●●●●●●●●

Connection String Name

MyDbConnection

OK   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

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

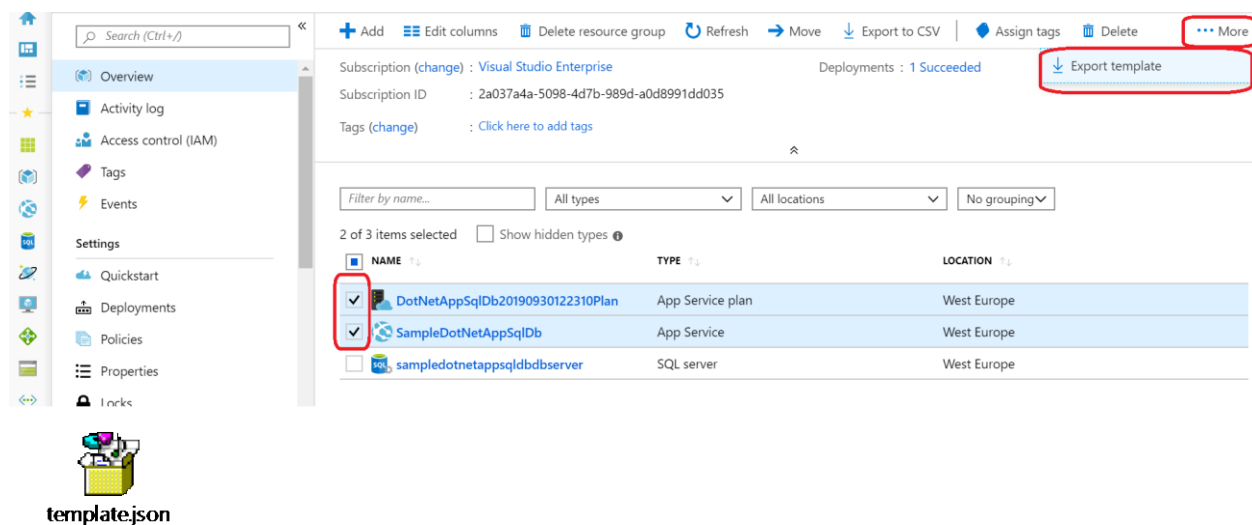Go to Debug Console→CMD→site→wwwroot→click download symbol
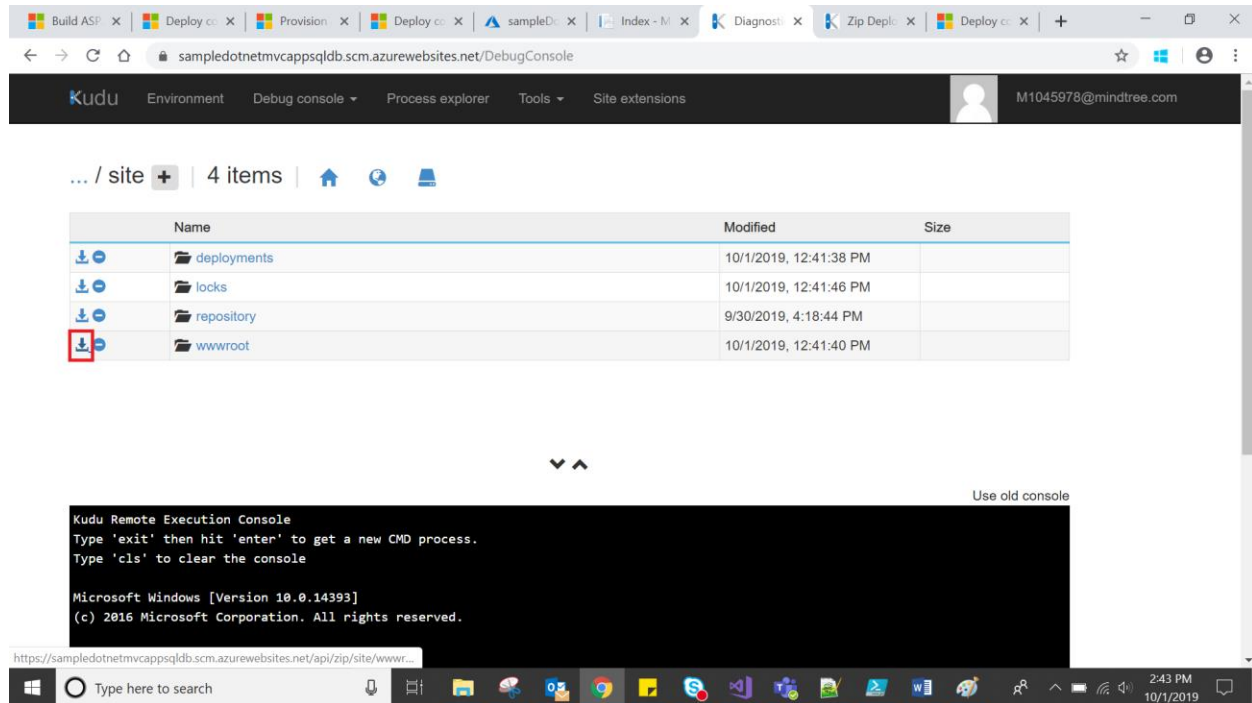
Step12

Create one more app service and app service plan using ARM Template

To Download ARM Template select the **App service** and **App service plan** →Click, **more** on Right side corner→Click **Export Template**
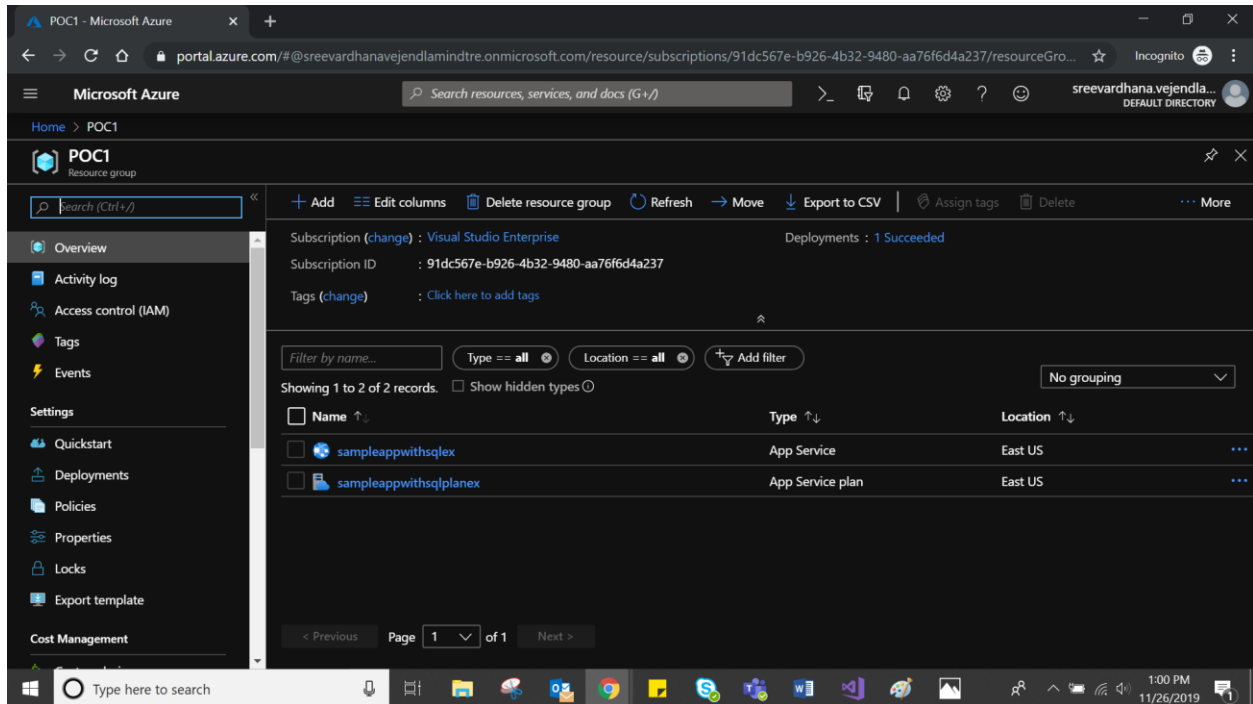
Create New **SQL Database** to connect with Exported App Service

template.json

Step13

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

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

az webapp deployment source config-zip --resource-group "M1045978" --name "karthisampleapp" --src "C:\Users\M1045978\Downloads\wwwroot.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)

Note: change the DB connection string from Old DB to New DB in Web Config

Step16:

Browse the exported app service and you will get the home page

Note: If you get any error, Add the IP Address in Firewall settings

🔒 sampleappwithsqlex.azurewebsites.net

Incognito

My TodoList App

Todos

Create New

Description	Created Date	
targetdb	2019-11-26	Edit	Details	Delete

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Type here to search

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11/26/2019