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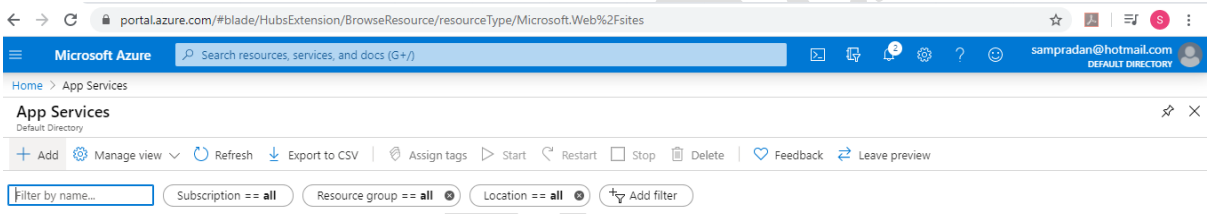
Azure Configure & Deploy AppService – 2 ways

Pre-requisites:

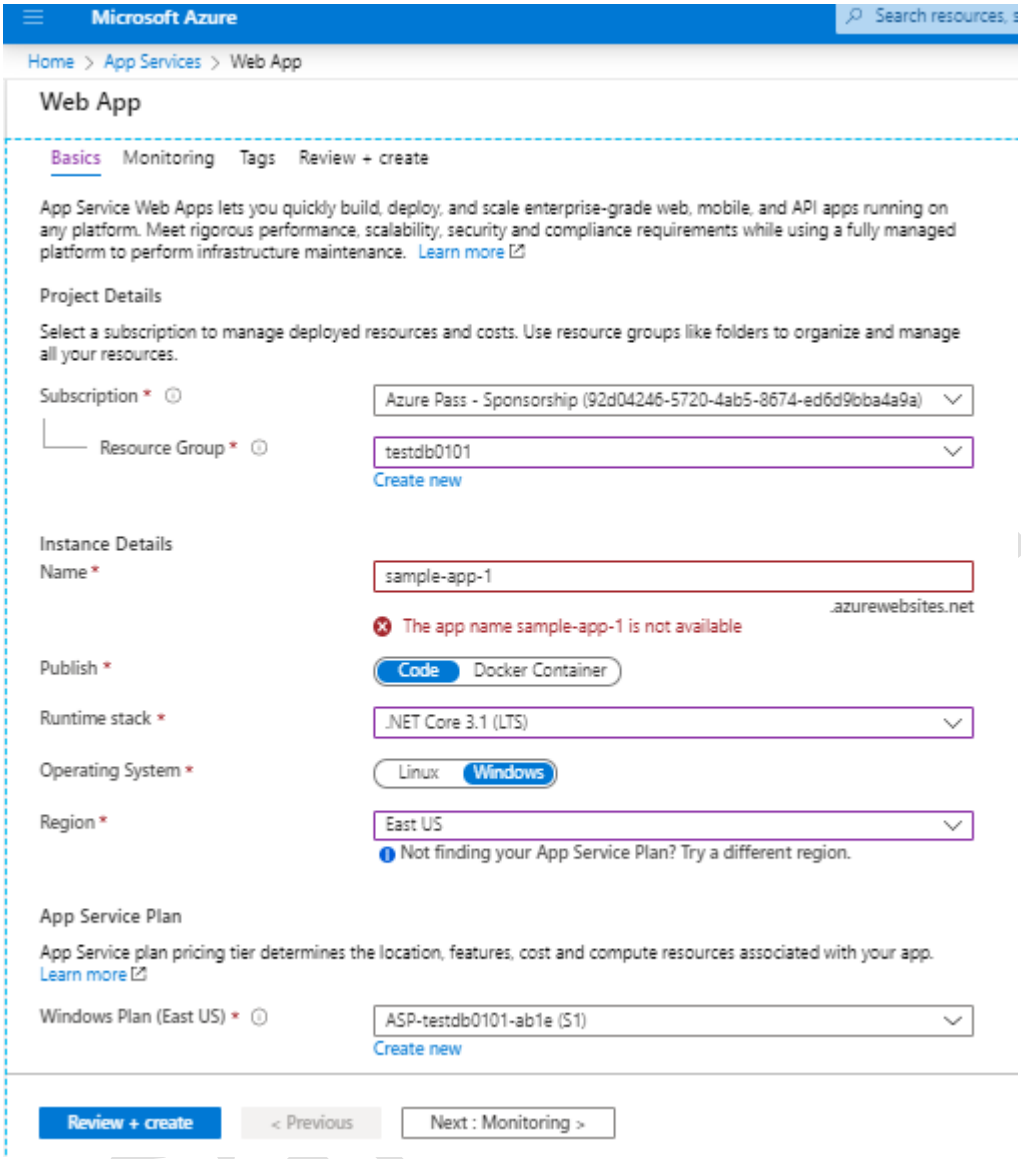
1. Should have an azure portal subscription

STEP 1: Creating the App Service from the Azure Portal

1. Sign-in to the azure portal
2. In the Search Bar, type “AppServices”
3. The screen as shown below will be loaded



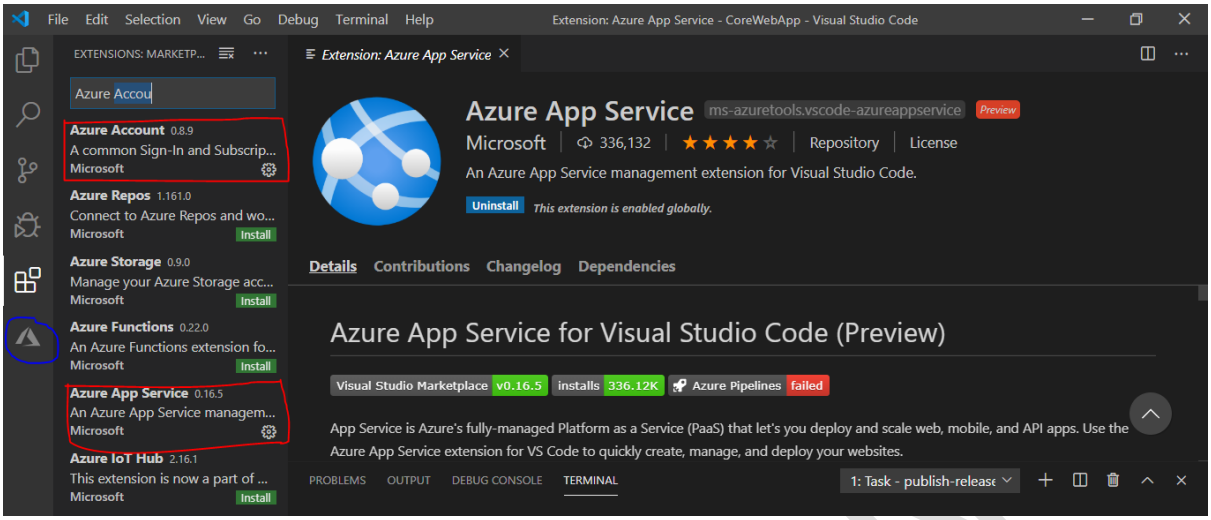
4.
5. Choose **Add**
6. Fill in the details as below



7.
8. Click Review+Create. Once the validation is passed, click Create.
9. The appService is now Created

STEP 2: Deploy to above AppService using VSCode as the Client IDE

1. Open the VSCode Editor. If you do not have this Editor, install it from https://code.visualstudio.com/Download
2. Add the following Azure extensions in VSCode.
    a. Azure Account
    b. Azure App Service
3. The result of adding the above extensions is it will create an azure icon in the side pane of VS Code (highlighted in **blue**)

4. 

5. Now, click on the Azure icon, and signin to your azure account. The result pane will resemble the screenshot below.

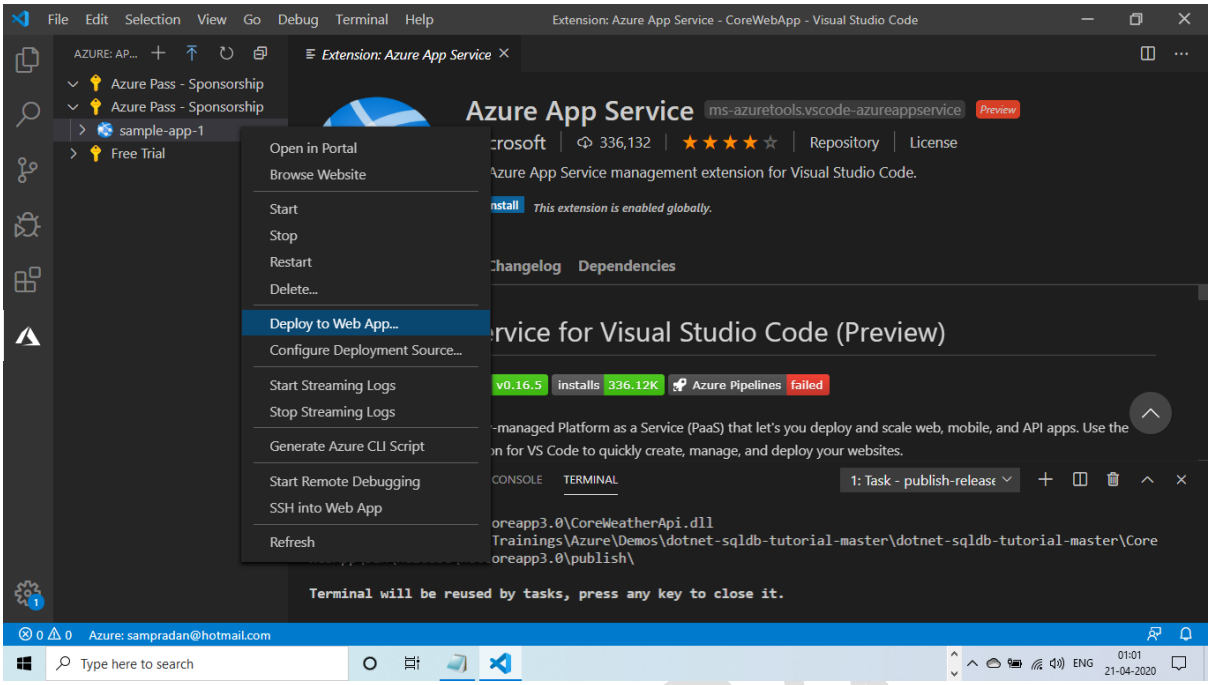
6. 

7. Open your .Net web Application in VS Code using File->Open Folder. The name of the sample project provided is CoreWebApp

8. Build your web application and check if it is executing without errors on the browser

9. The next step is to deploy this application to the azure app service that was created.

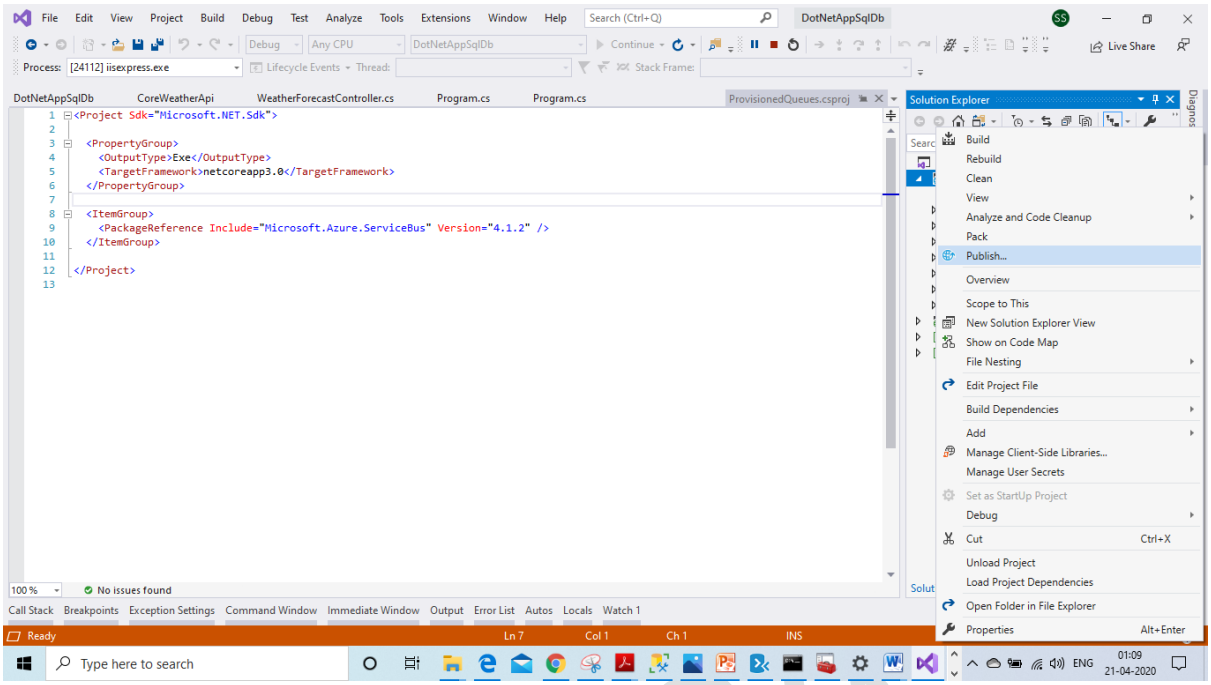
10. To deploy the application to the app service, we need to select the created app service in the Azure pane, and choose **Deploy to WebApp**. This is shown in the screenshot below.

11. 

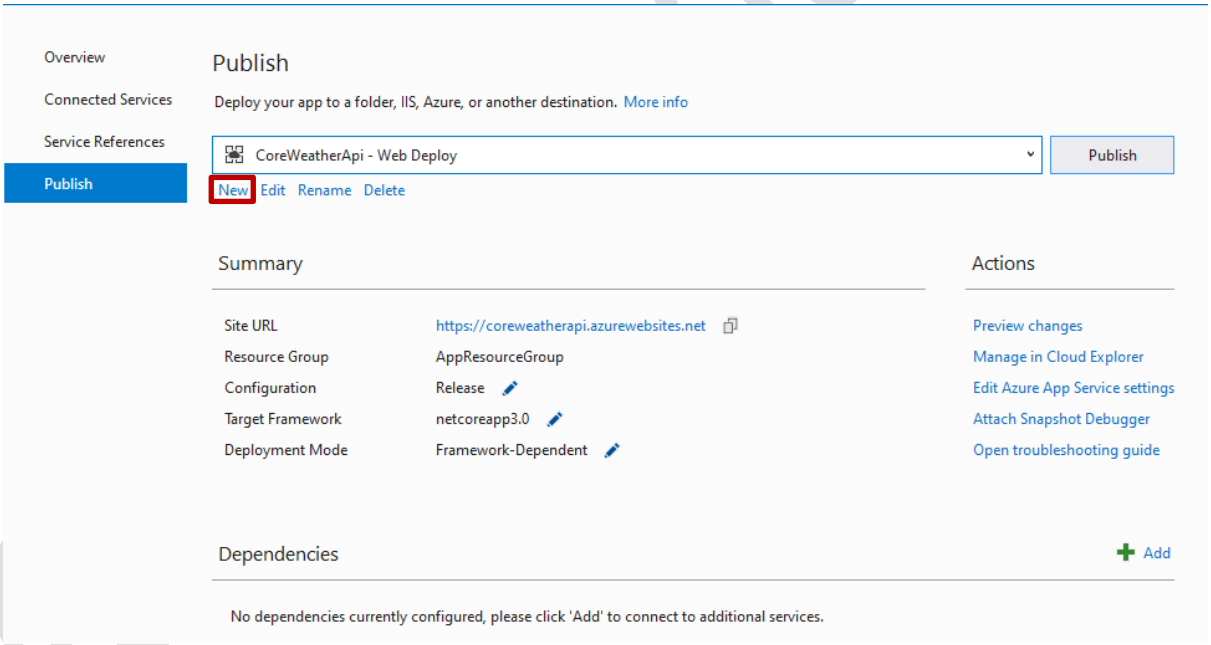
12. This completes the deployment of the on-premises web app to the App Service.

STEP 3: Create AppService & deploy simultaneously to Azure AppService from Visual Studio IDE

1. Open the sample project *CoreWebApp* in Visual Studio. Build the application & browse it.
2. If the above step worked without errors, then we are ready to create a deployment to Azure AppService.
3. Right-click on the project CoreWebApp in the solution explorer -> Choose Publish.

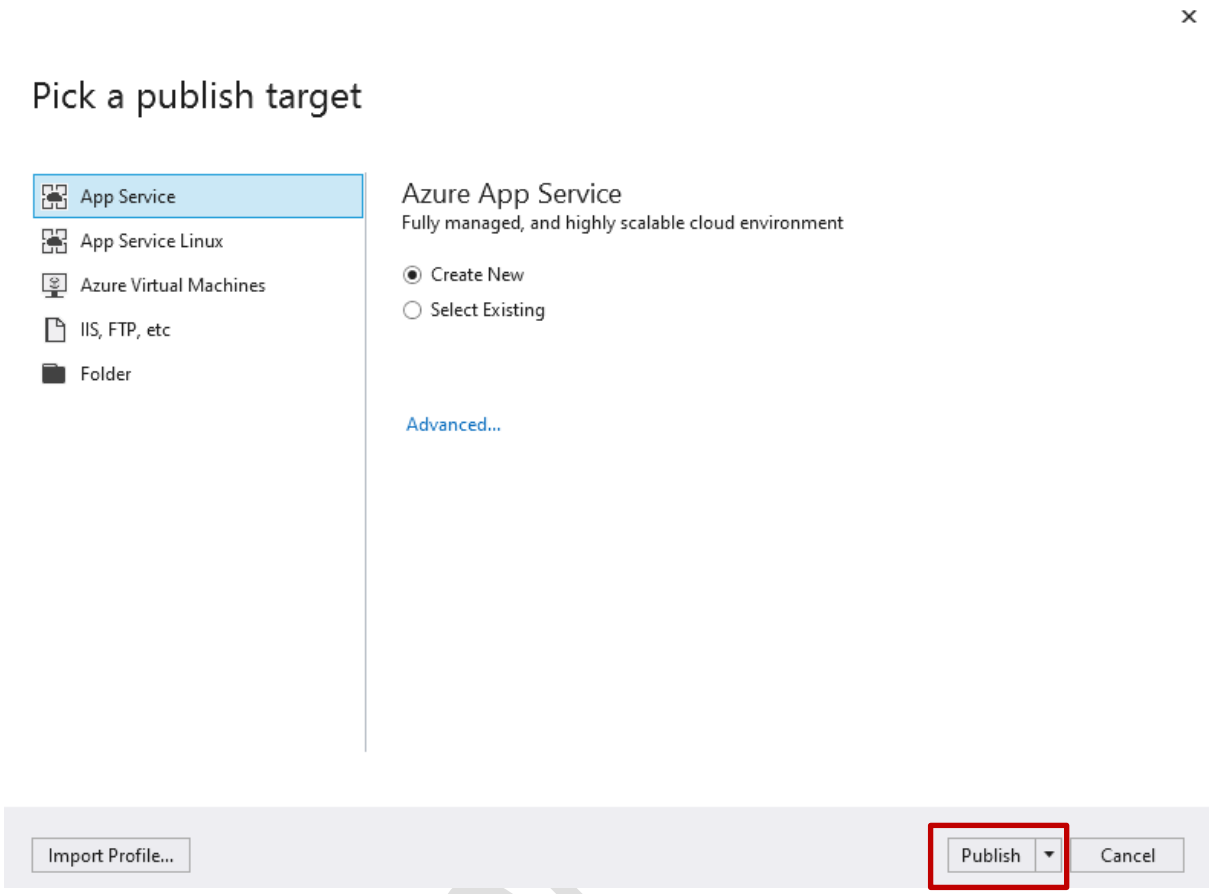
4. 

5. A screen will load as below.

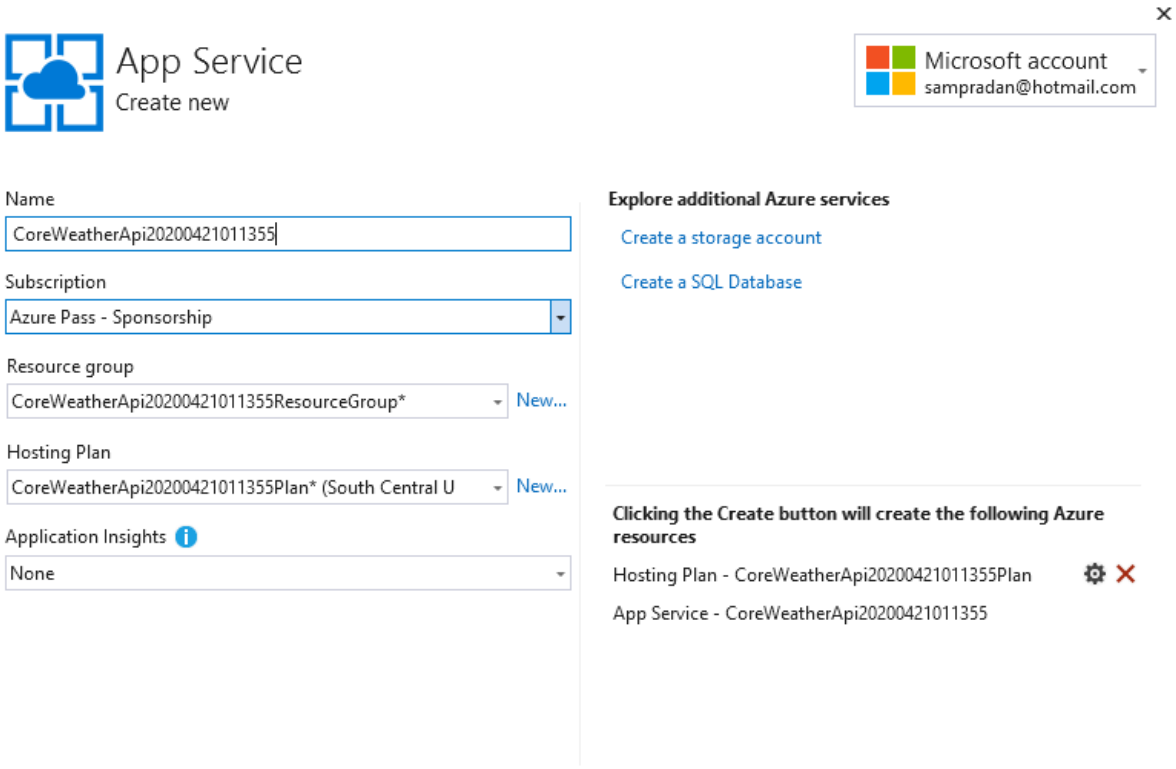


6.

7. Choose New. The dialog displayed will resemble the screenshot below. Choose **AppService** in the left pane, and choose the **Create New** radiobutton



8.
9. Choose Publish. The name of the AppService, A default subscription, resourcegroup, hosting plan will be created. This will resemble the screenshot below.



10. 

11. Click **Create**
12. This completes the deployment process using Visual Studio.

Points to Experiment

1. To publish the app to an already existing AppService, choose the option Import Profile in the Visual Studio publish dialog using AppService (step 3 -> point 8)
2. To get the publish profile for the above step, download it from the Azure portal -> AppServices -> <YourAppService> -> Get Publish Profile. View screenshot below.
3.