

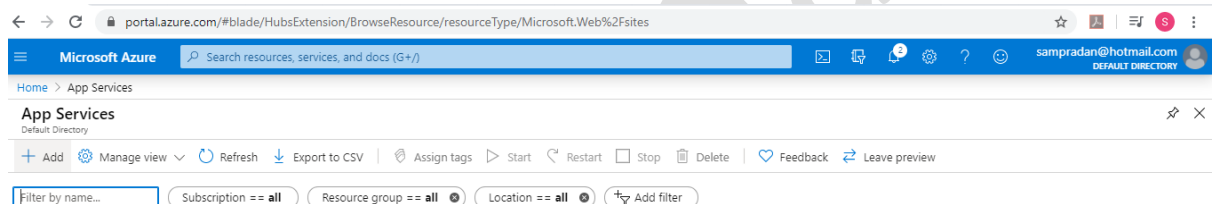
Azure Configure & Deploy AppService – 2 ways

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. Filter by name...
5. Choose **Add**
6. Fill in the details as below

Microsoft Azure

Home > App Services > Web App

Web App

Basics Monitoring Tags Review + create

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. [Learn more](#)

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * Azure Pass - Sponsorship (92d04246-5720-4ab5-8674-ed6d9bba4a9a)

Resource Group * testdb0101
[Create new](#)

Instance Details

Name * sample-app-1
.azurewebsites.net

The app name sample-app-1 is not available

Publish * **Code** Docker Container

Runtime stack * .NET Core 3.1 (LTS)

Operating System * Linux **Windows**

Region * East US
 Not finding your App Service Plan? Try a different region.

App Service Plan

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app. [Learn more](#)

Windows Plan (East US) * ASP-testdb0101-ab1e (S1)
[Create new](#)

Review + create < Previous Next: Monitoring >

- 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

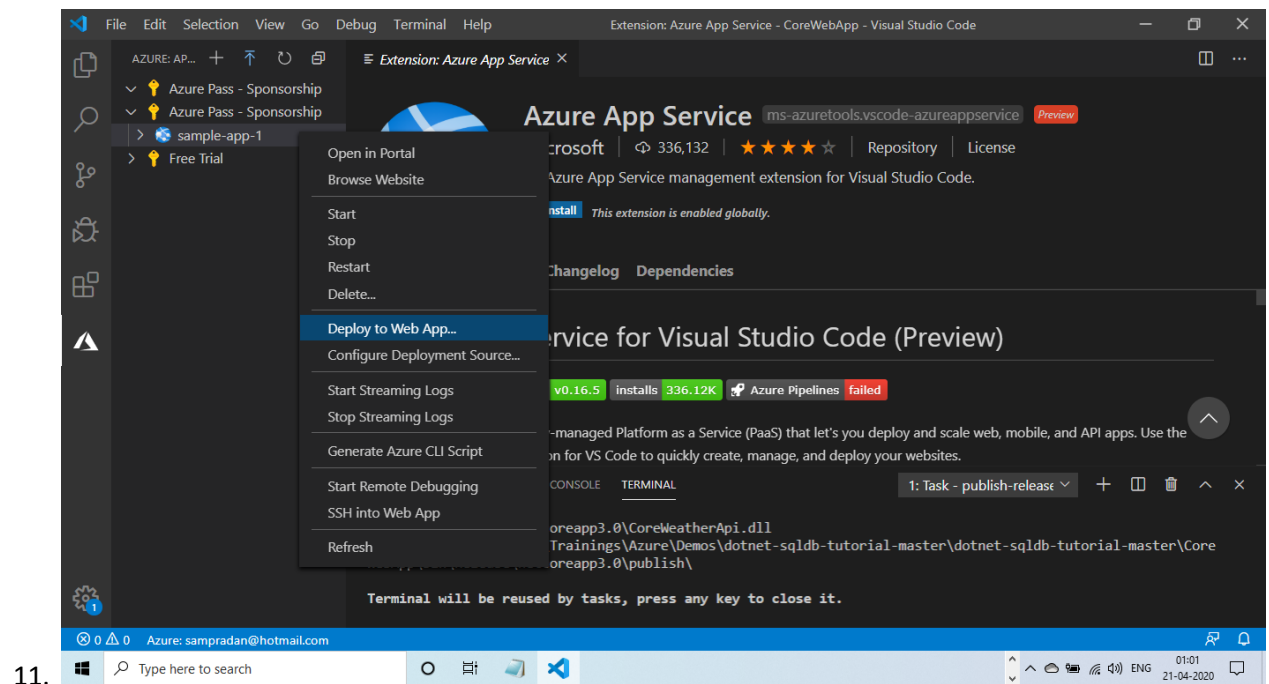
1. Open the VSCode Editor. If you do not have this Editor, install it from <https://code.visualstudio.com/Download>
2. Add the following Azure extensions in VSCode.
 - a. Azure Account
 - b. Azure App Service
3. The result of adding the above extensions is it will create an azure icon in the side pane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



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



- Open your .Net web Application in VS Code using File->Open Folder. The name of the sample project provided is CoreWebApp
- Build your web application and check if it is executing without errors on the browser
- The next step is to deploy this application to the azure app service that was created.
- 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.

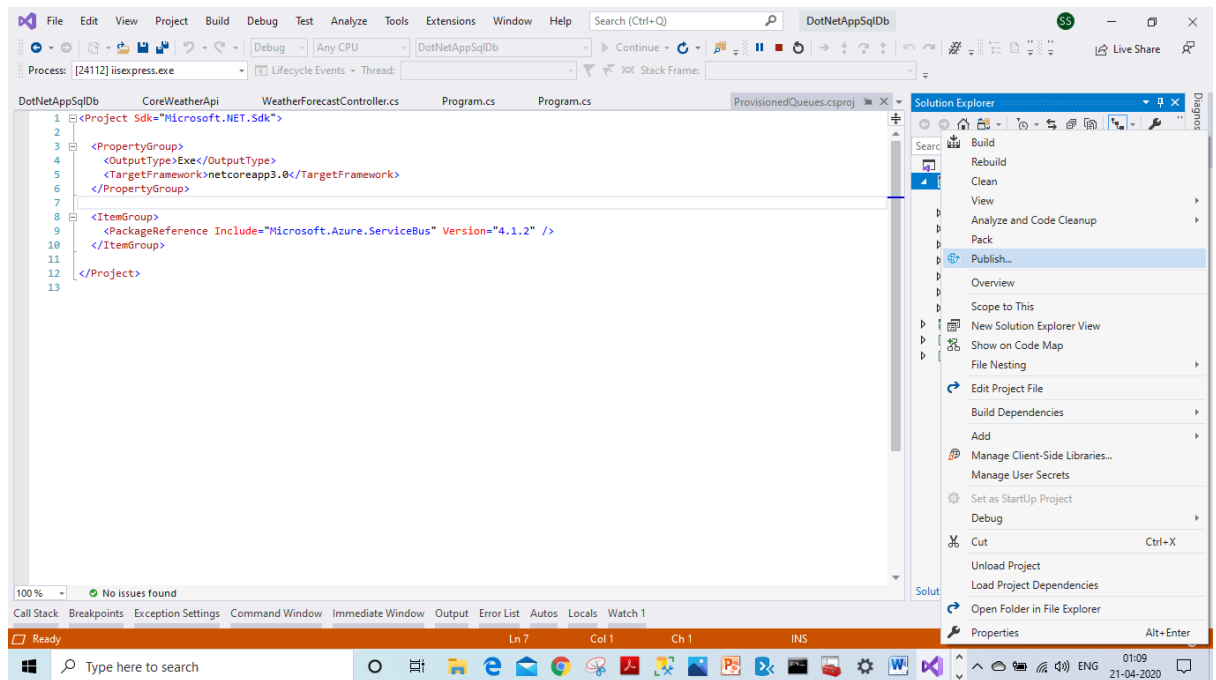


11.

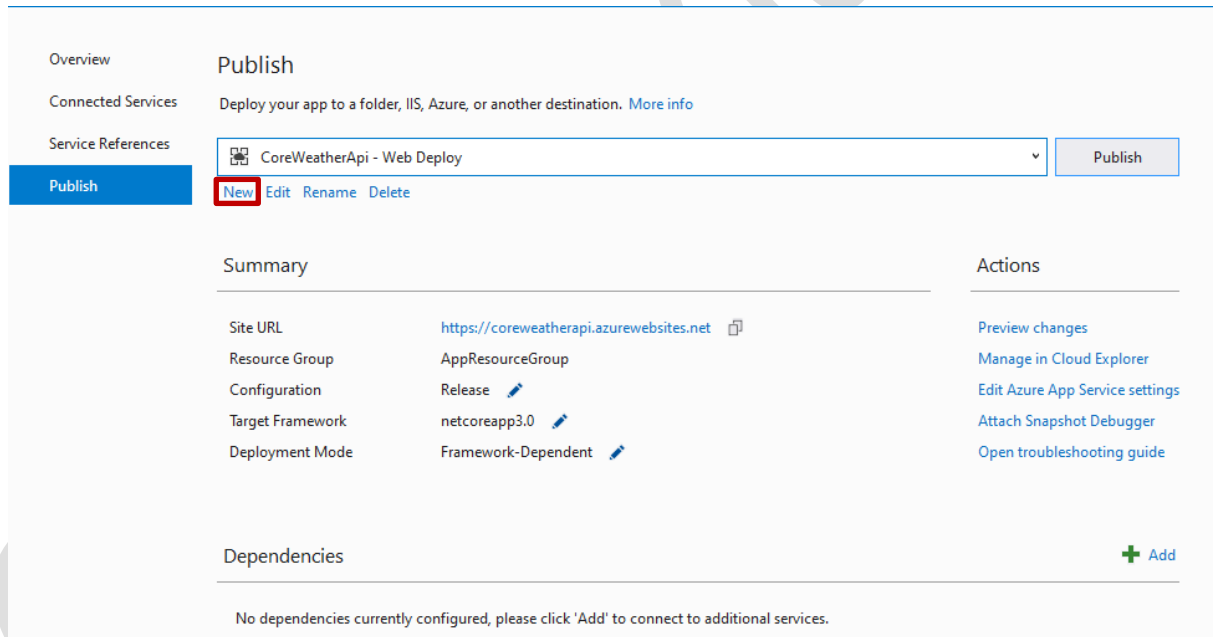
12. This completes the deployment of the on-premises web app to the App Service.

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.

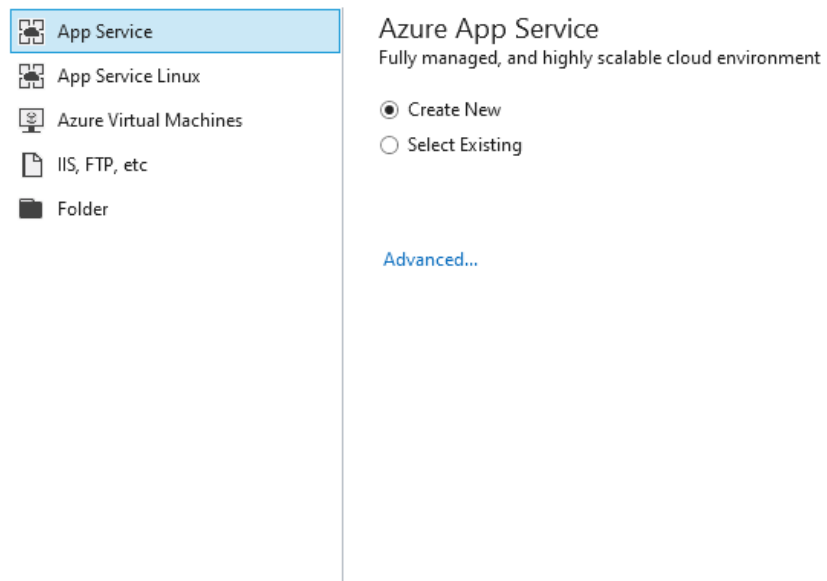


- 4.
5. A screen will load as below.



- 6.
7. Choose New. The dialog displayed will resemble the screenshot below. Choose **AppService** in the left pane, and choose the **Create New** radiobutton

Pick a publish target



App Service

App Service Linux

Azure Virtual Machines

IIS, FTP, etc

Folder

Azure App Service

Fully managed, and highly scalable cloud environment

☒ Create New

☐ Select Existing

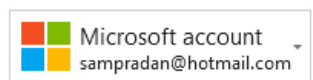
[Advanced...](#)

Import Profile...

Publish ▼

Cancel

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



Name
CoreWeatherApi20200421011355

Subscription
Azure Pass - Sponsorship

Resource group
CoreWeatherApi20200421011355ResourceGroup* [New...](#)

Hosting Plan
CoreWeatherApi20200421011355Plan* (South Central U [New...](#)

Application Insights [i](#)
None

Explore additional Azure services

[Create a storage account](#)

[Create a SQL Database](#)

Clicking the Create button will create the following Azure resources

Hosting Plan - CoreWeatherApi20200421011355Plan [⚙](#) [✖](#)

App Service - CoreWeatherApi20200421011355

10.

Export...

11. Click **Create**

Create

Cancel

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.

Microsoft Azure Search resources, services, and docs (G+)

Home > App Services > sample-app-1

sample-app-1 App Service

Search (Ctrl+/)

Get publish profile

App Service has installed a patch that changes cross-site and iframe cookie handling due to upcoming changes in the new version of Chrome. Developers relying on these scenarios need to update their apps to handle these changes. Click to learn more.

| | | | |
|-------------------------|--|--------------------------|--|
| Resource group (change) | : testdb0101 | URL | : https://sample-app-1.azurewebsites.net |
| Status | : Running | App Service Plan | : ASP-testdb0101-ab1e (\$1: 1) |
| Location | : East US | FTP/deployment userna... | : sample-app-1\service-user-1 |
| Subscription (change) | : Azure Pass - Sponsorship | FTP hostname | : ftp://waws-prod-blu-095.ftp.azurewebsites.window... |
| Subscription ID | : 92d04246-5720-4ab5-8674-ed6d9bba4a9a | FTPS hostname | : ftps://waws-prod-blu-095.ftp.azurewebsites.window... |
| Tags (change) | : Click here to add tags | | |

Diagnose and solve problems

Application Insights

App Service Advisor

3.