Configure Traffic Manager with Azure Web Apps

Step 1: Open Azure Portal
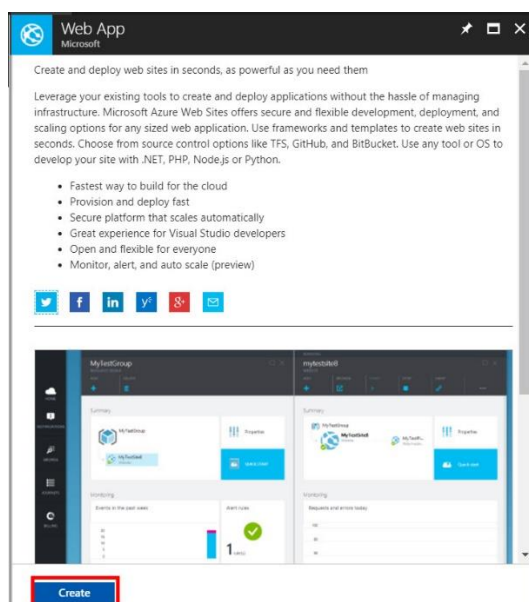
https://portal.azure.com/

Step 2: Create a New Web App

+New -> Web + Mobile -> Web App
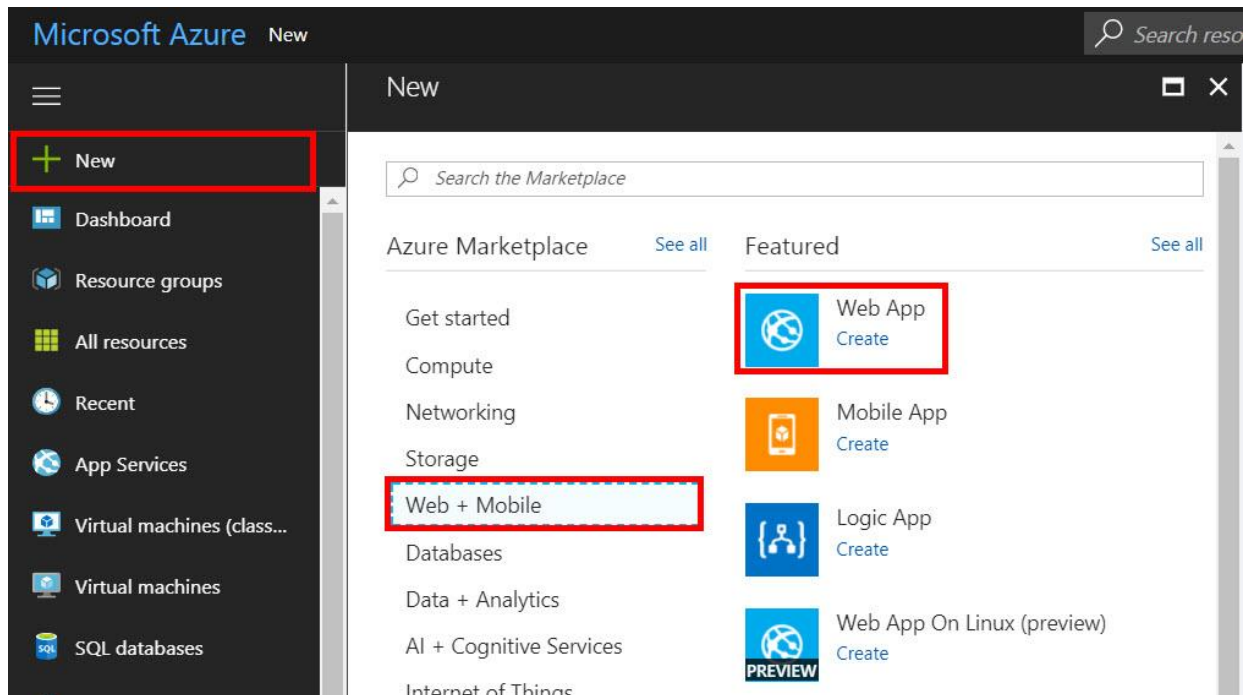
Step 3: Create Web App

Step 4: Enter first unique Web App Name, Create New Resource Group & Create new app service plan in "**East US**" location.

Note: for this demo, we are going with Standard Pricing tier because only Standard & Premium Pricing tier supports Azure Traffic Manager.

After entering all details it will look like as below:

Step 5: Start Notepad & enter below HTML code with Region location.

```
<html>
<title>
</title>
<body>
<h1>Hi from East US - Azure Traffic Manager</h1>
</body>
</html>
```
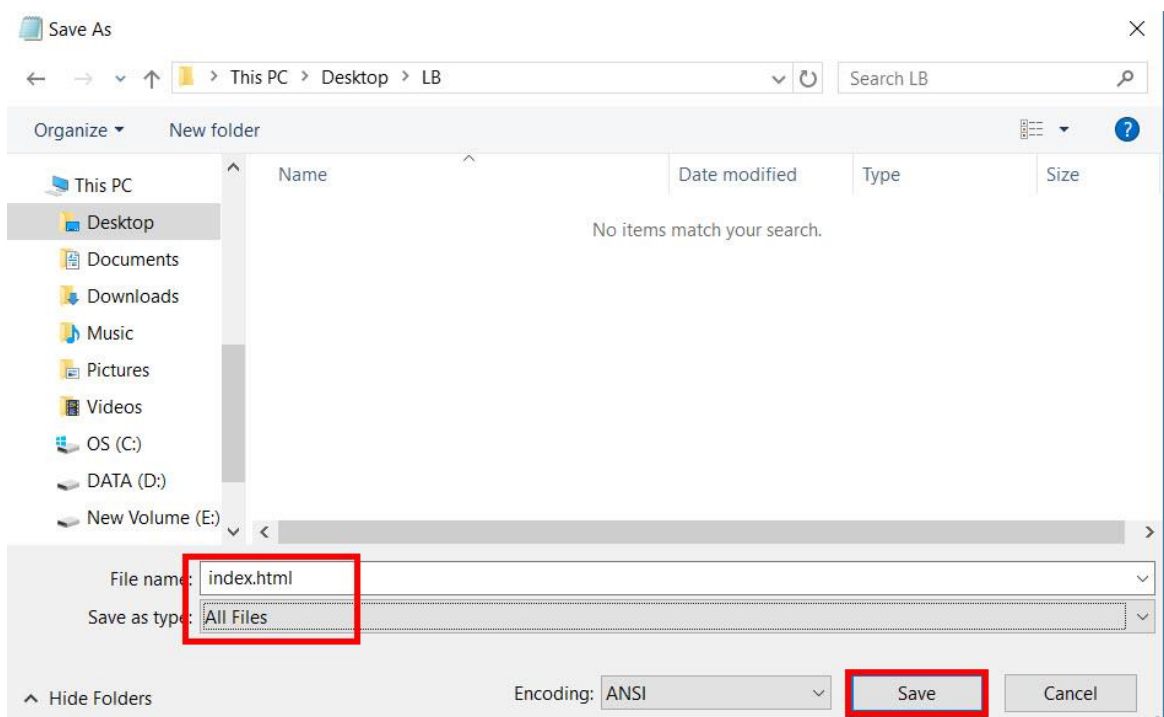
<html>

<title>

</title>

<body>

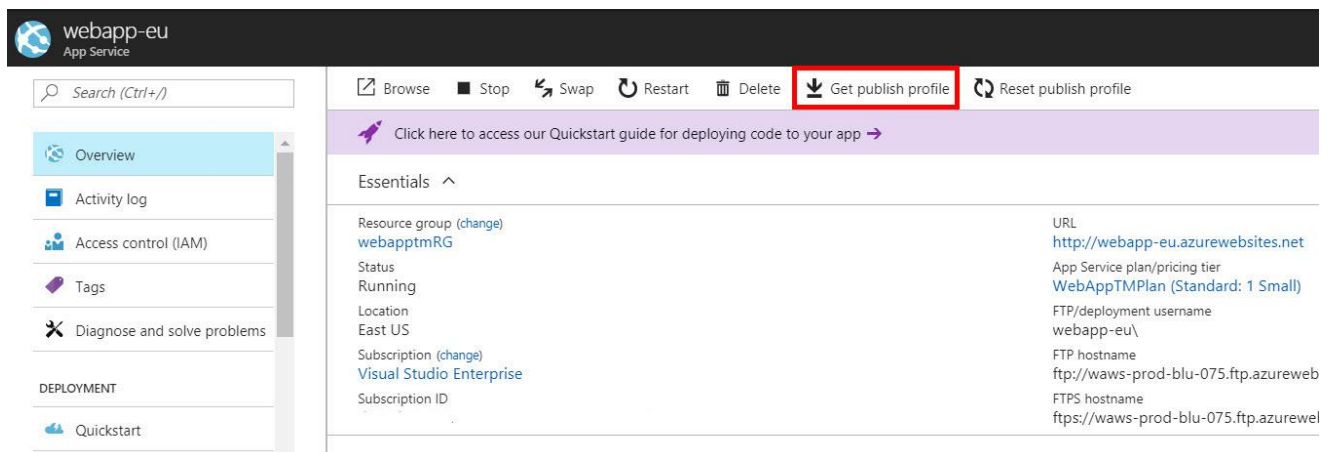<h1>Hi from East US - Azure Traffic Manager</h1>

</body>

</html>

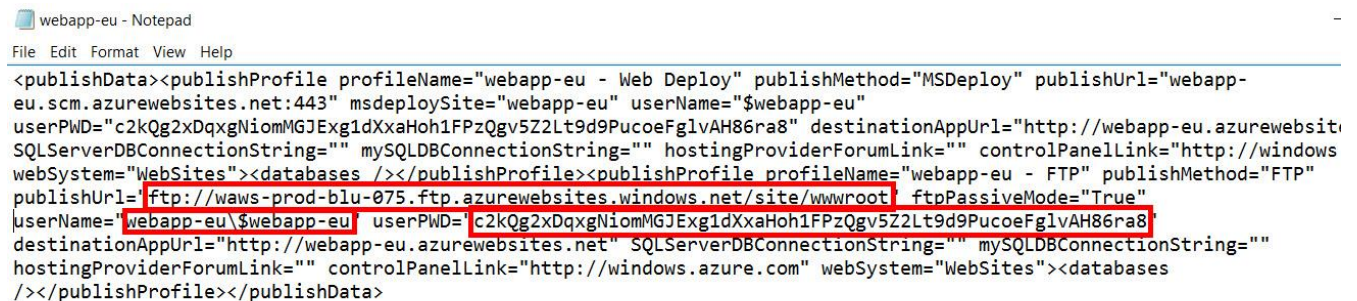Save it as **index.html**

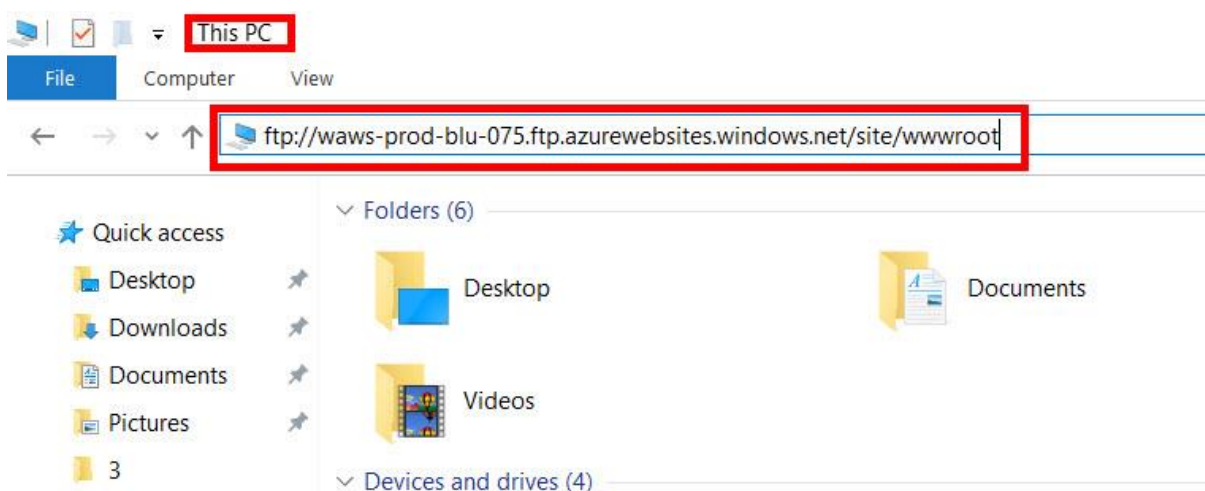**Step 6:** Navigate to Azure Portal & click on "**Get Publish Profile**"

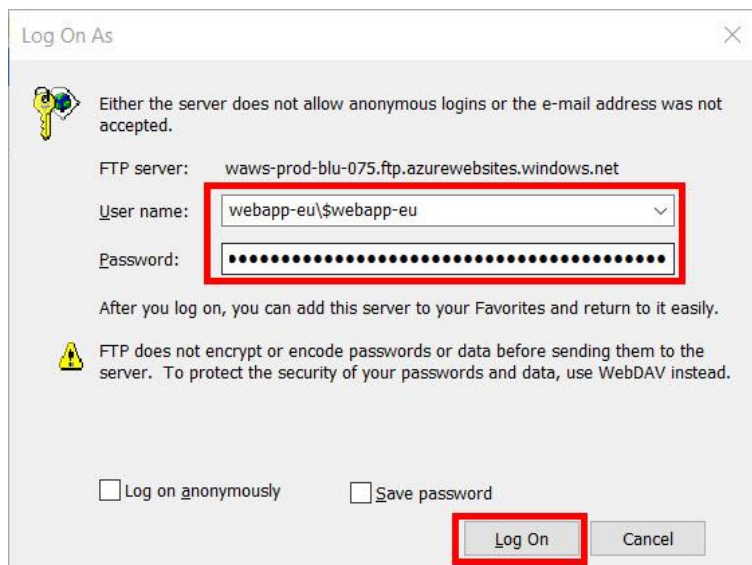After clicking on "**Get Publish Profile**", one publish settings file will download
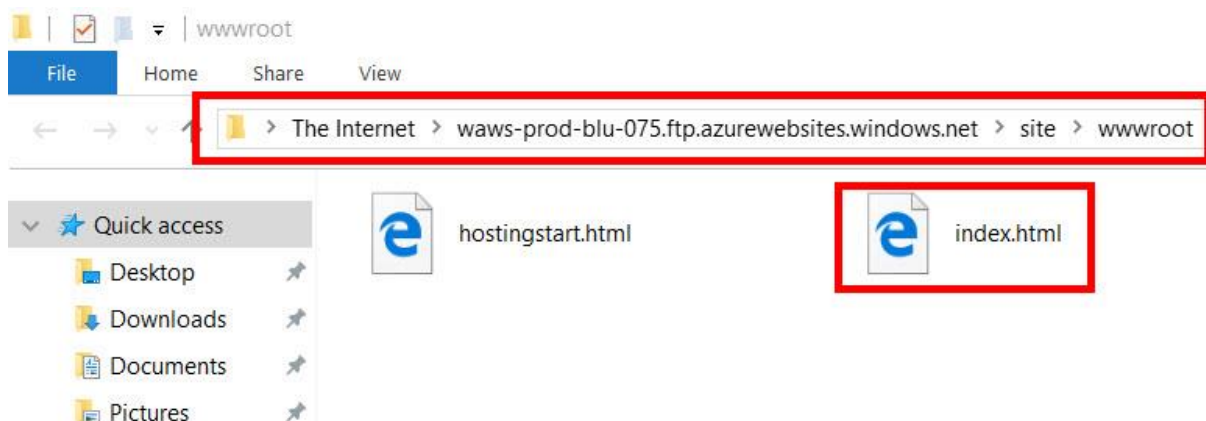

Open in any Notepad editor

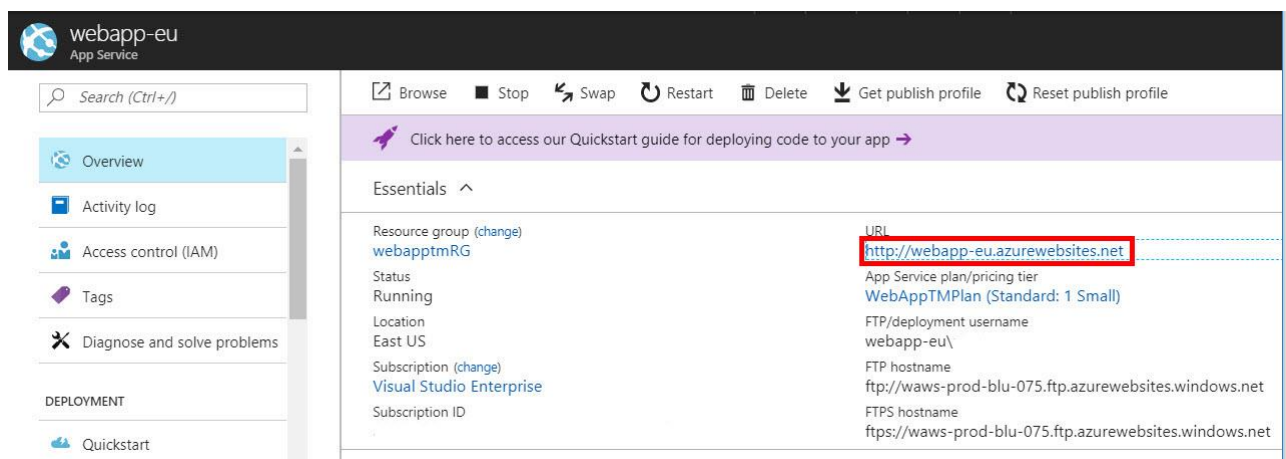**Step 7:** Open "**This PC**". Paste Publish URL in address & hit enter.

Step 8: Enter Username & Password from Publish Profile file.

Step 9: Copy-Paste **index.html** file from local machine to azure cloud folder.

Step 10: Adding **index.html** file navigate to Azure Portal & click on URL.
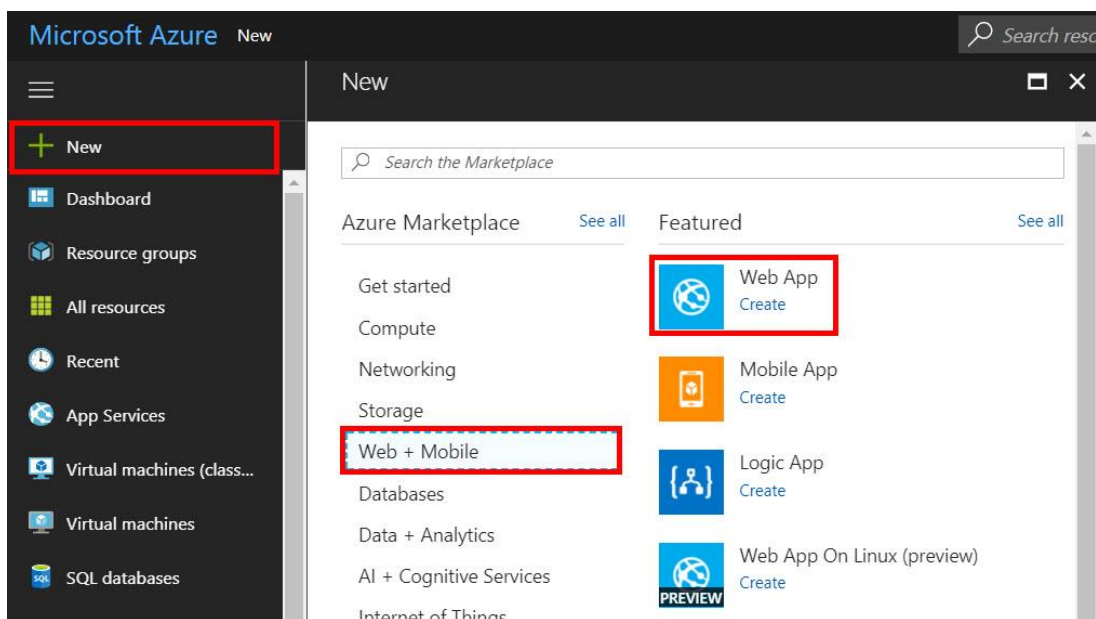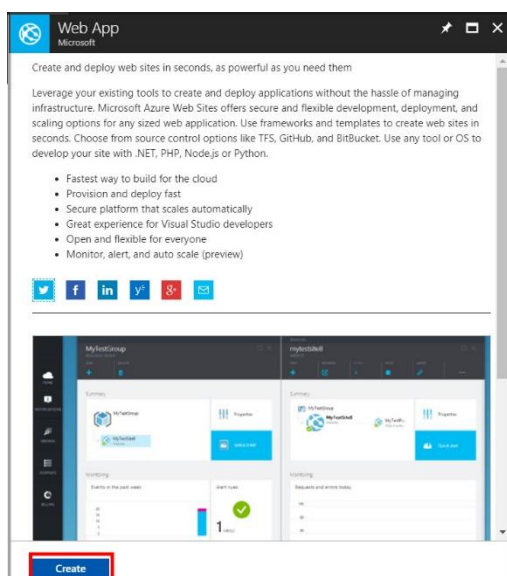
First Web App hosted on East US will open

Hi from East US - Azure Traffic Manager

Step 11: Again, Create second Web App

+New -> Web + Mobile -> Web App

Step 12: Click on "**Create**" button.

Step 13: Enter Second Web App Name, Choose Existing Resource Group, Change location to
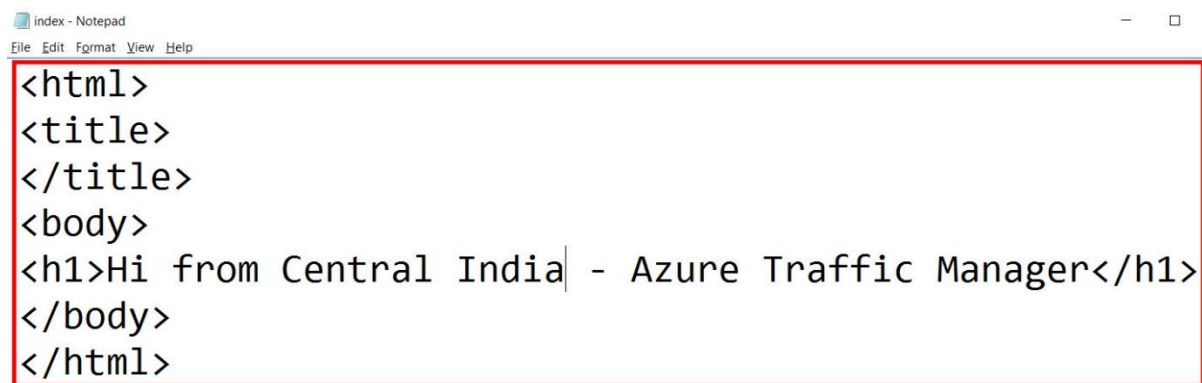"**Central India**".

Step 14: Open index.html file & edit with "**Central India**" region

<html>
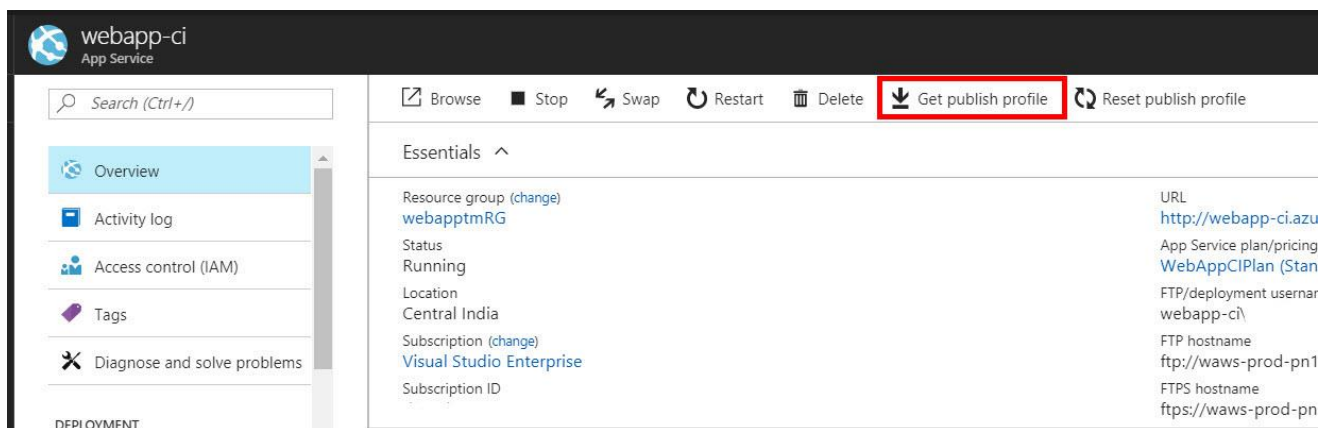
<title>

</title>

<body>

<h1>Hi from Central India - Azure Traffic Manager</h1>
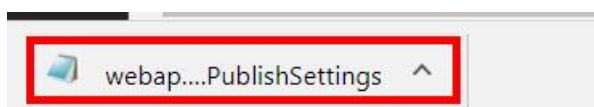
</body>

</html>

Step 15: To upload index.html on Azure please click on "**Get Publish Profile**" button
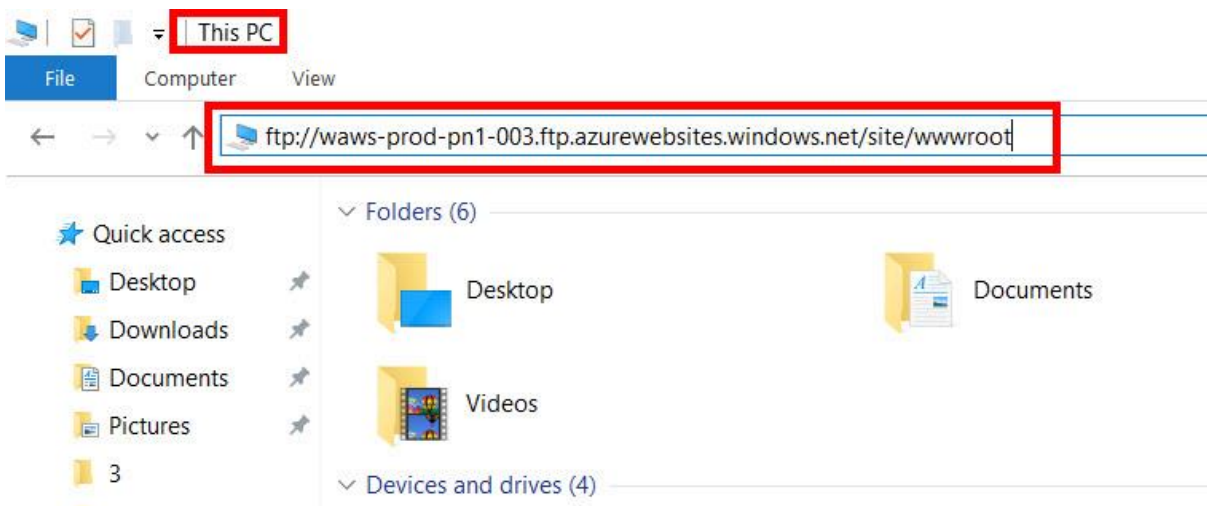

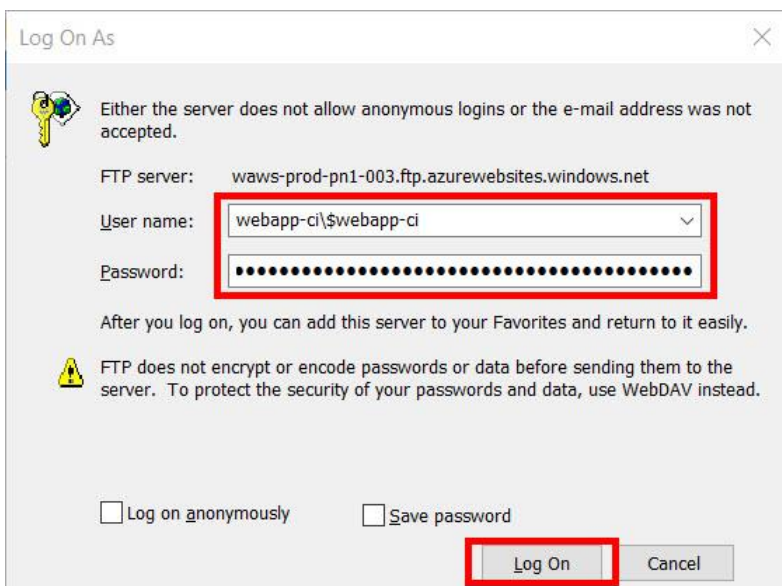Click on Publish Settings file

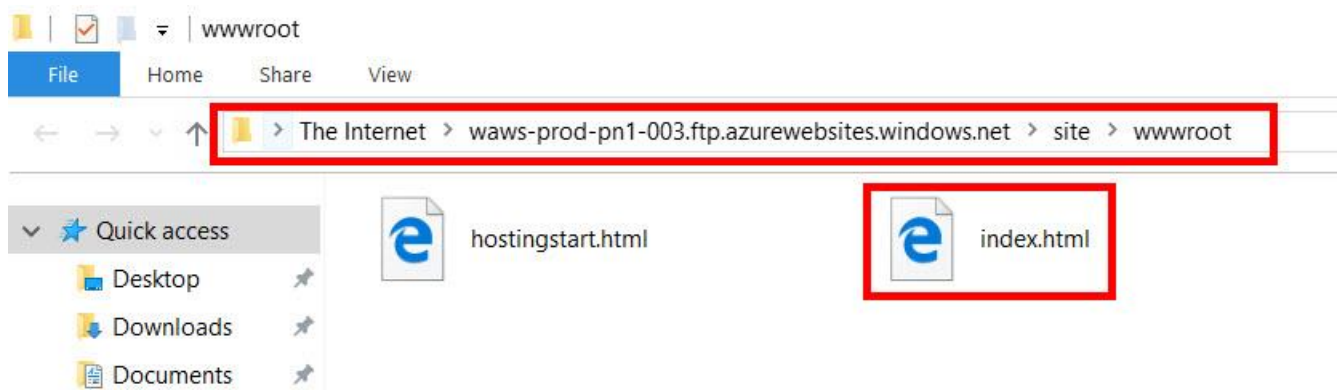Copy Publish URL, Username & Password.

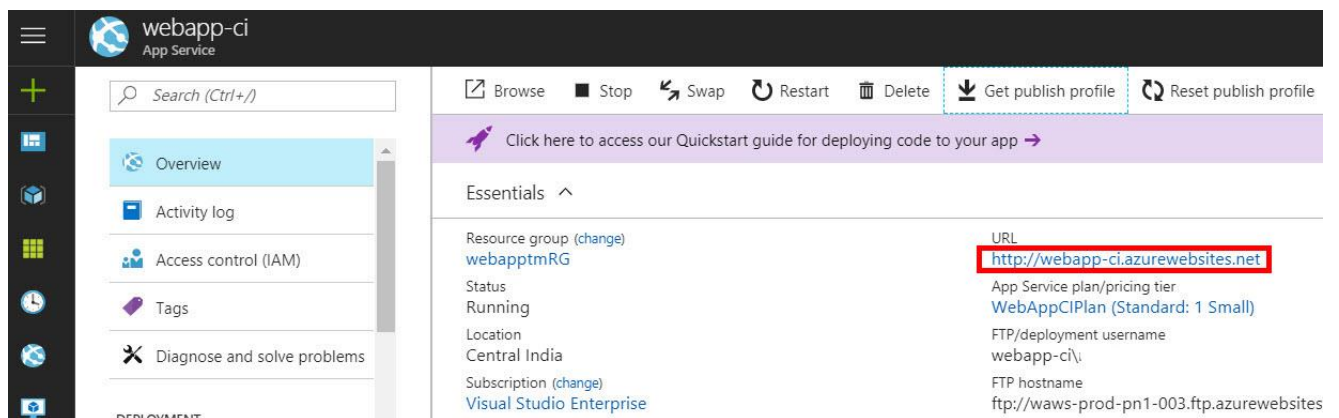**Step 16:** Open "**This PC**" & paste publish url in address

Step 17: Enter Web App Username & Password from Publish Profile file

Step 18: Copy-Paste index.html file from Local machine to Azure folder.

Step 19: To run web app click on URL.

Second Web App hosted on "**Central India**" region successfully running.

Hi from Central India - Azure Traffic Manager

Step 20: Third time we are creating Web App with different location. Enter Web App name, choose existing resource group, Create New App Service Plan on "**Japan West**"
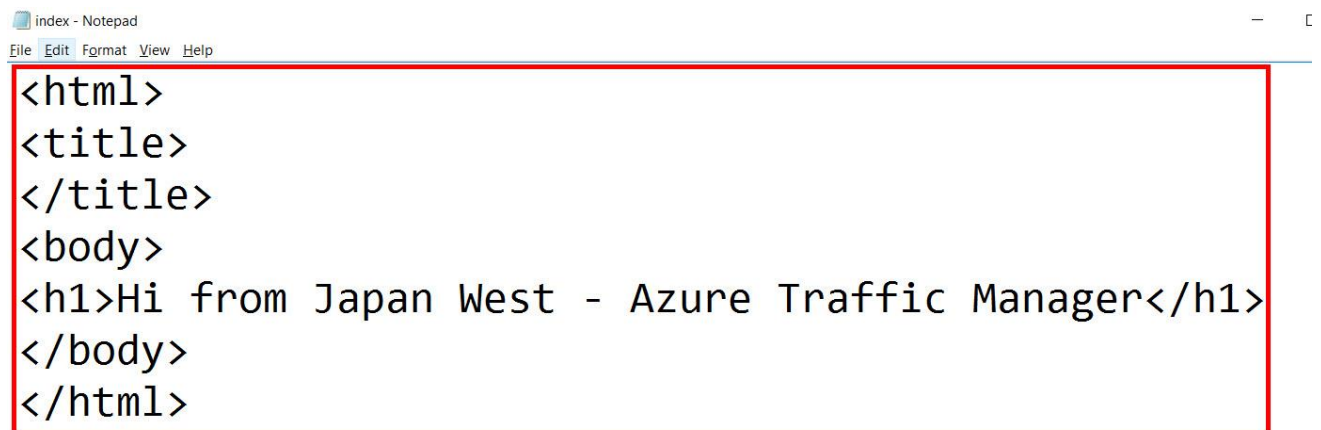
Step 21: again open index.html file & edit with "**Japan West**" region


```
<html>
<title>
</title>
<body>
<h1>Hi from Japan West - Azure Traffic Manager</h1>
</body>
</html>
```
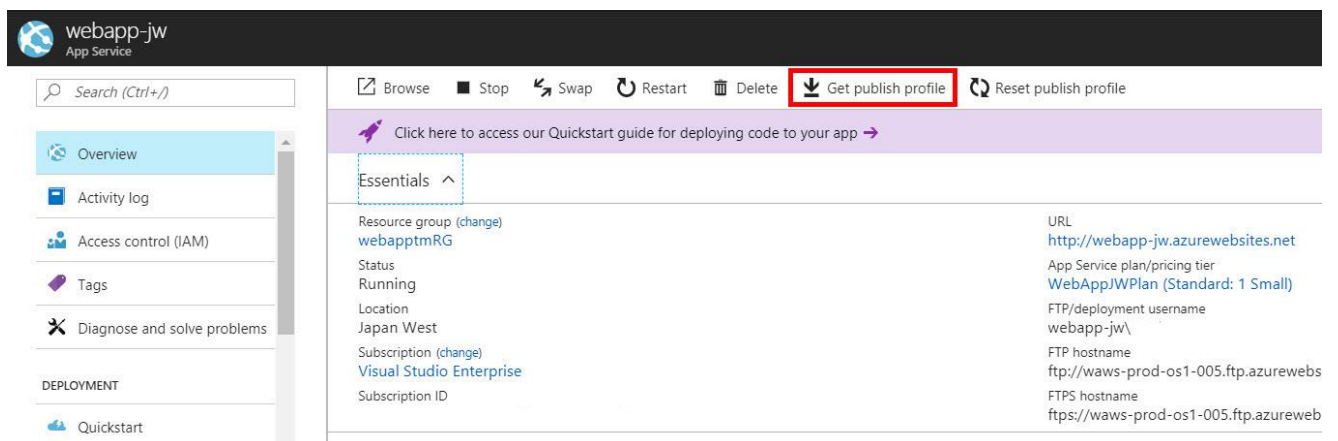
<html>

<title>

</title>

<body>

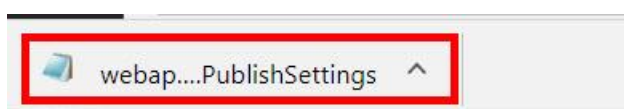<h1>Hi from Japan West - Azure Traffic Manager</h1>

</body>

</html>

Step 22: Click on "**Get Publish Profile**" to download the Publish Profile file.
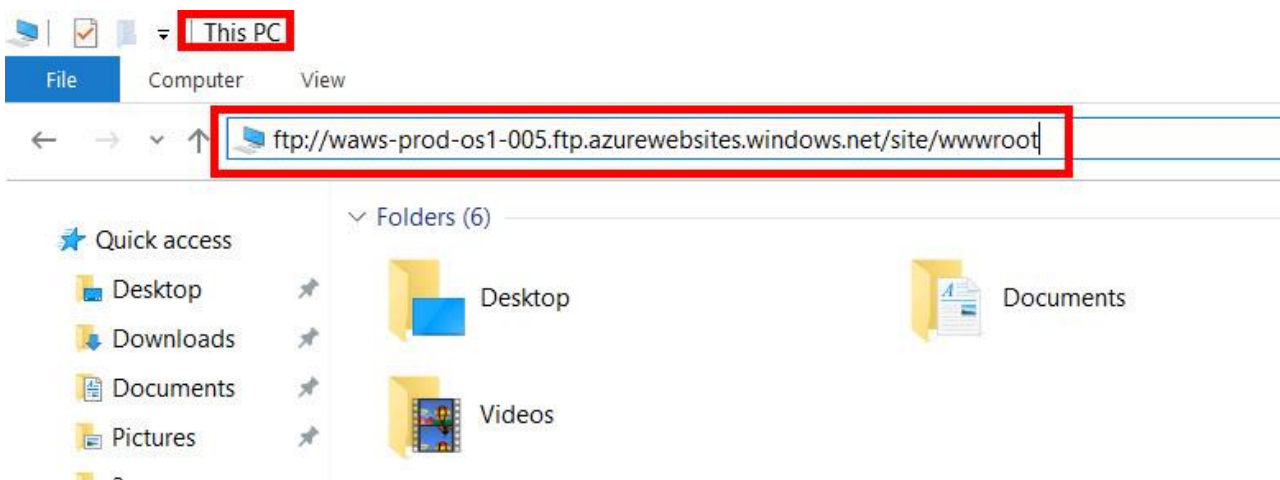

Click on publish settings file
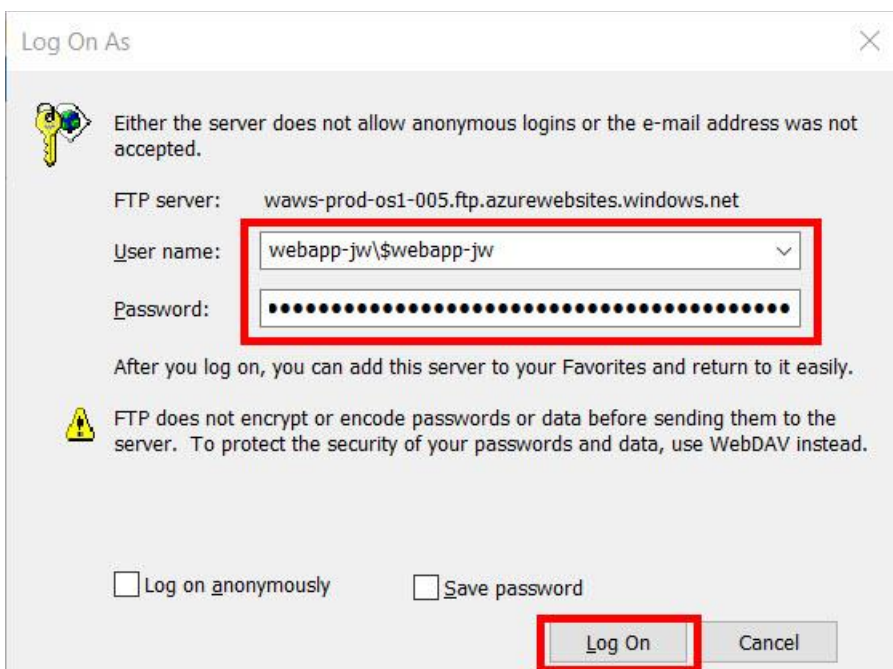
Step 23: Copy Publish URL, Username & Password

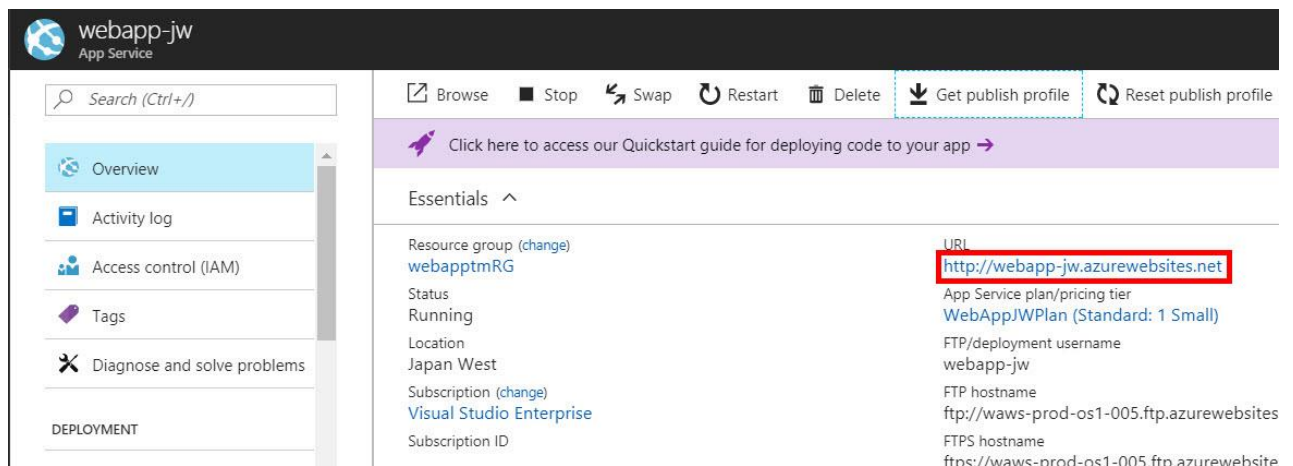**Step 24:** Open **"This PC"** & Paste publish URL in address

Step 25: Enter Username & Password from Publish Profile file.

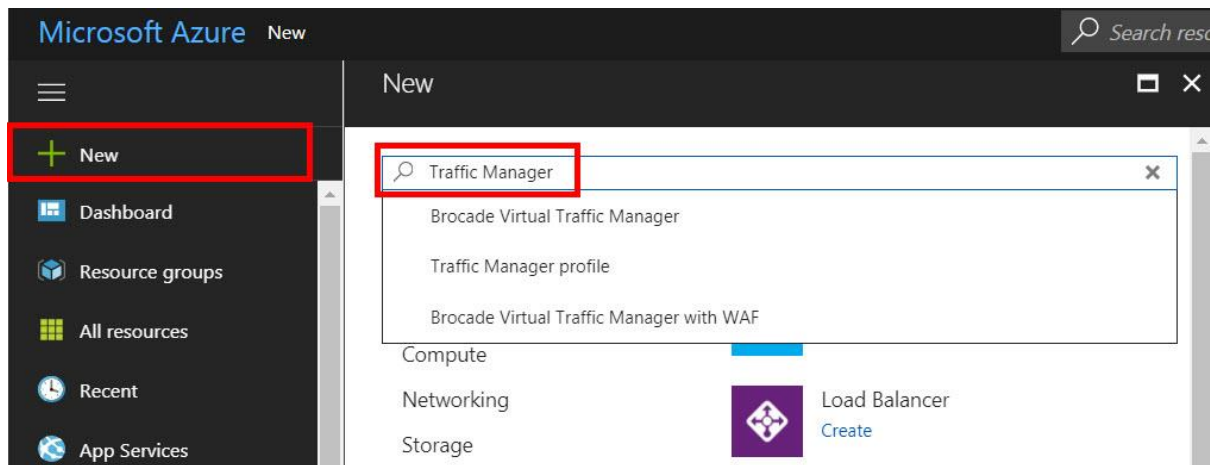**Step 26:** Copy index.html file from local machine to Azure Web App folder.

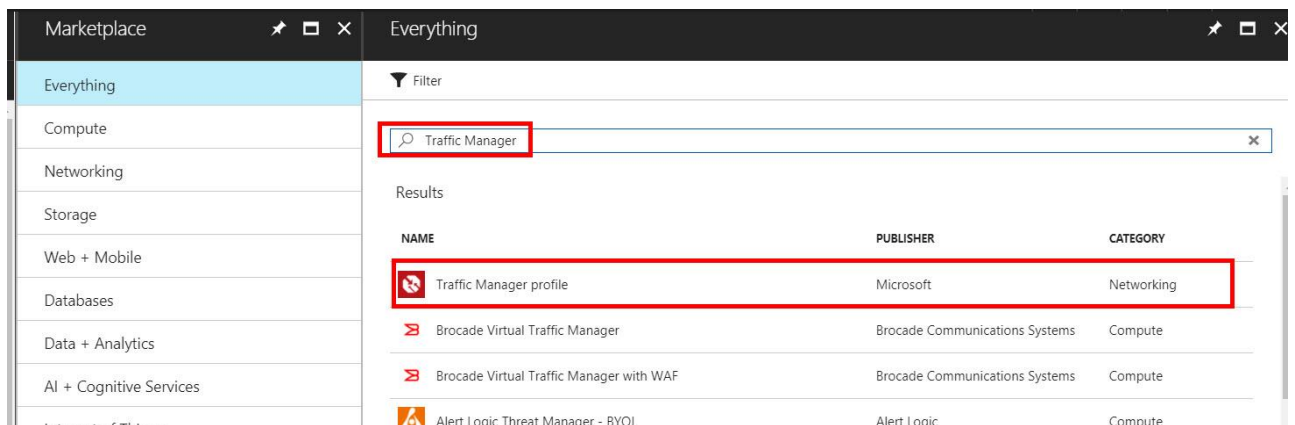**Step 27:** Click on URL to check web app successfully working or not.

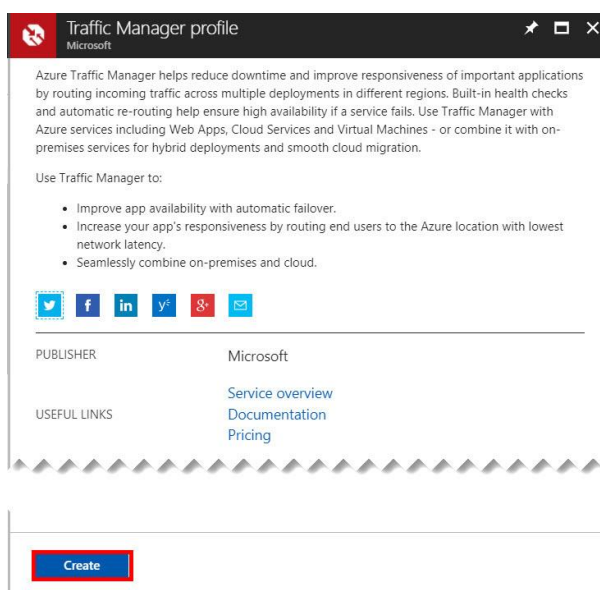Third Web App hosted on "**Japan West**" region successfully running.

Step 28: Create Traffic Manager Profile. Click on +New & search for "**Traffic Manager**". Hit enter to get the result.

Select "**Traffic Manager Profile**" option

Click on "**Create**" button

Step 29: Enter Traffic Manager Profile Name, Routing method, Choose existing resource group.

Note: For this demo, we are going with "Performance" routing methods.

Routing Methods: 1) Performance

2) Weighted

3) Priority

4) Geographic

Step 30: After creating Traffic Manager Profile please select "**Endpoints**" option

Step 31: Enter endpoint details:

Type: Azure Endpoint

Name: Any Name. Ex. **Web1**

Target resource type: App Service because we have created Web App

Target resource: choose one-by-one web app or resources. (**Ex. Central India Web App**)

Step 32: Again, click on "**+Add**" option

Step 33: Enter endpoint details:

Type: Azure Endpoint

Name: Any Name. Ex. **Web2**

Target resource type: App Service because we have created Web App

Target resource: choose one-by-one web app or resources. (**Ex. East US Web App**)

Step 34: Again, click on "**+Add**" option

Step 35: Enter endpoint details:

Type: Azure Endpoint

Name: Any Name. Ex. **Web3**

Target resource type: App Service because we have created Web App

Target resource: choose one-by-one web app or resources. (**Ex. Japan West Web App**)

Wait for few seconds to configure all three endpoints
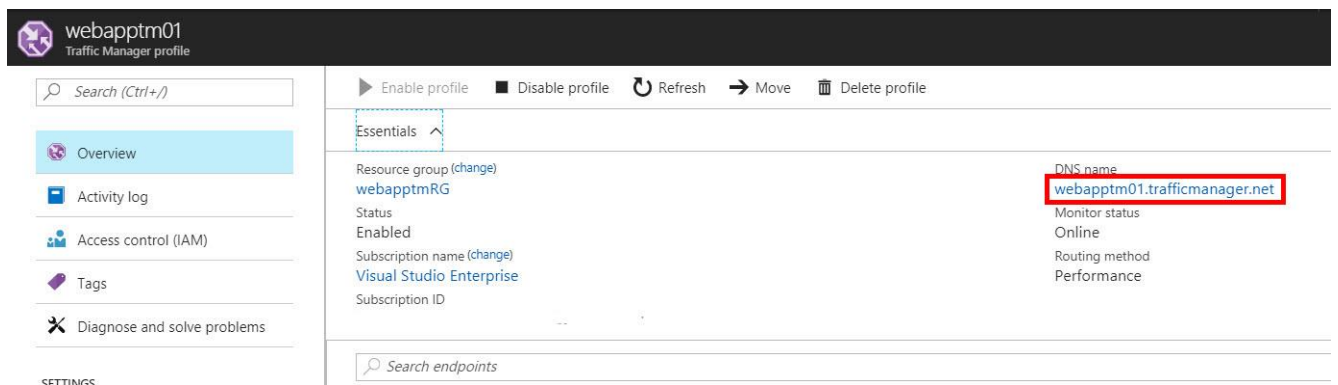
Step 36: Click on Overview of Traffic Manager & open DNS name to check traffic manager

Traffic Manager URL will run. Depend on routing method it will call one of the web app from three different location (East US, Central India, Japan West)
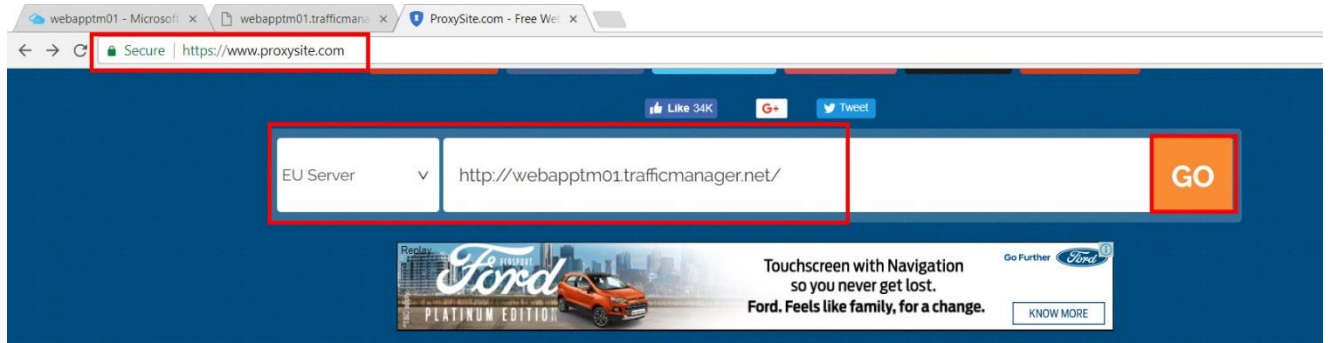
Testing Traffic Manager

Step 37: One website available to execute website from different location like a proxy.

https://www.proxysite.com/

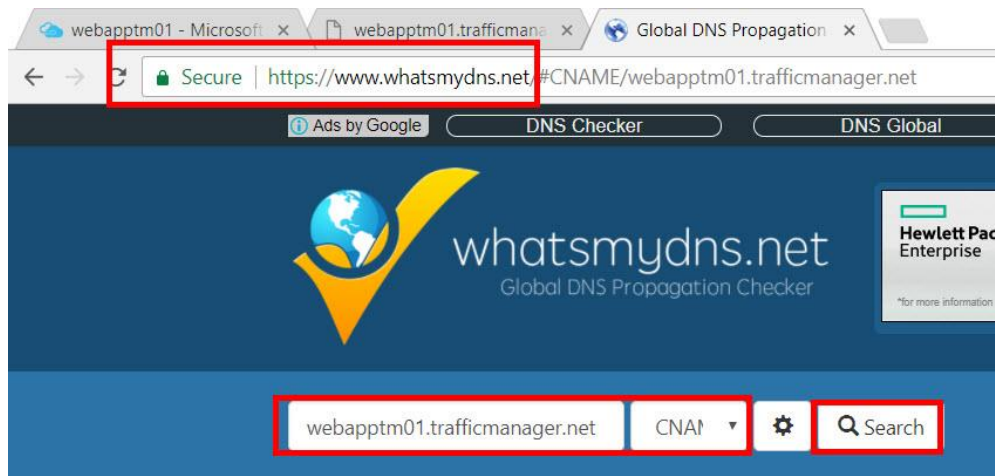Choose Server location, enter traffic manager URL & click on GO button

As a result, it will redirect to East US Web App because location we have selected EU Server.

Step 38: Another Website also available to check all the location.

https://www.whatsmydns.net

Enter Traffic Manager URL & change option to "**CNAME**".