

Creating Resource Group

12 April 2020 11:05

1. Go to Microsoft Azure Portal and create a login, provide your Credit Card details and enjoy a free 12 month subscription.
2. Click on Resource Group and create a resource. In Azure, we should create a resource group and place all its related resources under same.

Steps to create a resources group:

1. Find the icon for resource group on home page/ in search bar type in resource group.

Create a resource group

Basics | Tags | Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Project details

Subscription * ⓘ

Free Trial



Resource group * ⓘ

Resource details

Region * ⓘ

(US) East US

2. Provide a suitable name, for demo purpose always make use of Free Trial as subscription.
3. Select the region of your choice, this is not the region where the actual resource will be placed, but its meta information region.
4. Click on Review & Create
5. Click on Create

A resource group cannot be alpha numeric, neither it can contain any white space or you any of special keywords that are already reserved

Once the resource group is created you will receive a notification on notification menu, top right section. Click on the "Go To Resource Group" button.

Creating a HelloWorld Html Page

12 April 2020 11:18

1. Create a html page on your local machine, using any of the editor and for now lets name it "Index.html"
2. Go to Azure Portal, click on App Service, Click on Add button.
3. You will land up on below screen.

to perform infrastructure maintenance. [Learn more](#) LG

Project Details

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

Subscription * ⓘ

Resource Group * ⓘ

[Create new](#)

Instance Details

Name * .azurewebsites.net

Publish * ☒ Code ☐ Docker Container

Runtime stack *

Operating System ☒ Linux ☐ Windows

Region *

[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](#)

1. Select the resource group you created just now from the dropdown. Provide a WebAppName, this should be unique.
2. Under Publish Section, select the appropriate option, for now we can choose "Code" (if you are not able to change the publish option, kindly change the operating system first and then you might get that option).
3. Under Runtime Stack, kindly choose the appropriate language/framework. For this demo, we can choose any option as it is just an html page, we choose ASP.Net 3.5.
4. Select the region, where this resource will be placed.
5. Click on Change Size Option, under Sku & Size.

Spec Picker

Dev / Test
For less demanding workloads

Production
For most production workloads

Isolated
Advanced networking and scale

Recommended pricing tiers

S1

100 total ACU
1.75 GB memory
A-Series compute equivalent
5307.53 INR/Month (Estimated)

P1V2

210 total ACU
3.5 GB memory
Dv2-Series compute equivalent
10615.06 INR/Month (Estimated)

P2V2

420 total ACU
7 GB memory
Dv2-Series compute equivalent
21230.12 INR/Month (Estimated)

6. **P3V2**

840 total ACU
14 GB memory
Dv2-Series compute equivalent
42460.23 INR/Month (Estimated)

[See additional options](#)

Included features

Every app hosted on this App Service plan will have access to these features:

Custom domains / SSL
Configure and purchase custom domains with SNI and IP SSL bindings

Auto scale
Up to 10 instances. Subject to availability.

Included hardware

Every instance of your App Service plan will include the following hardware configuration:

Azure Compute Units (ACU)
Dedicated compute resources used to run applications deployed in the App Service Plan. [Learn more](#)

Memory
Memory per instance available to run applications deployed and

7. Select Dev/Test option and under that select Shared Infrastructure.

Spec Picker

Dev / Test
For less demanding workloads

Recommended pricing tiers

F1

Shared infrastructure
1 GB memory
60 minutes/day compute
Free

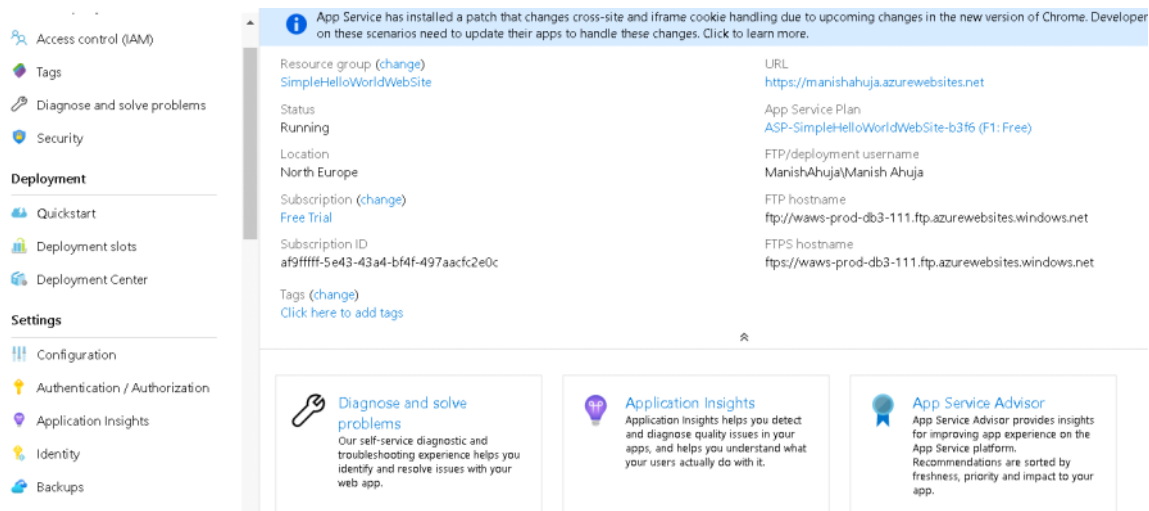
9. Click on Apply.
10. Click on Review & Create
11. Click on Create.

It will some time to create a resource and deploy it, check your notification context for updates.

Uploading your html page on your resource

12 April 2020 11:39

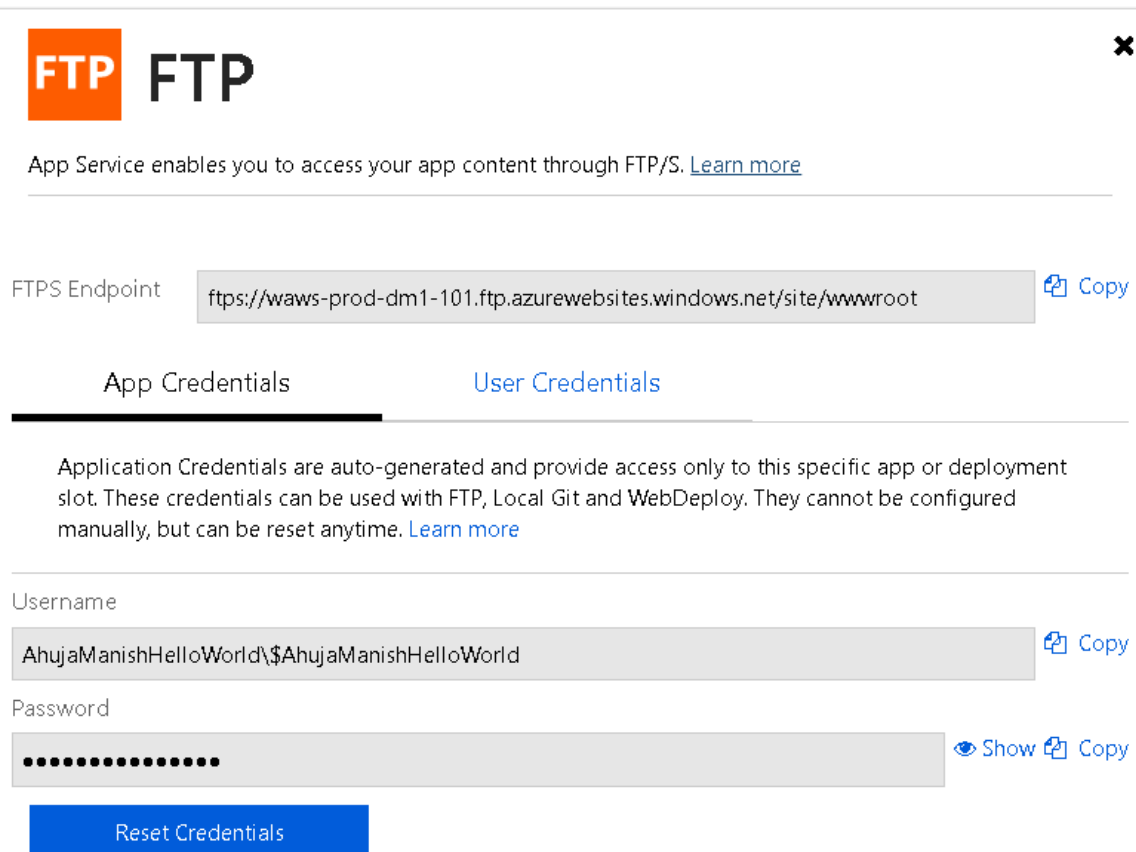
1. Select the resource you just created.



The screenshot shows the Azure portal interface. On the left is a navigation pane with sections: Access control (IAM), Tags, Diagnose and solve problems, Security, Deployment (with sub-items: Quickstart, Deployment slots, Deployment Center), and Settings (with sub-items: Configuration, Authentication / Authorization, Application Insights, Identity, Backups). The main area displays the details of a Web App resource named 'SimpleHelloWorldWebSite'. A blue notification banner at the top states: '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 on these scenarios need to update their apps to handle these changes. Click to learn more.' The resource details include: Resource group (change) SimpleHelloWorldWebSite, Status Running, Location North Europe, Subscription (change) Free Trial, Subscription ID af9ffff-5e43-43a4-bf4f-497aacfc2e0c, Tags (change) Click here to add tags, URL https://manishahuja.azurewebsites.net, App Service Plan ASP-SimpleHelloWorldWebSite-b3f6 (F1: Free), FTP/deployment username ManishAhuja\Manish Ahuja, FTP hostname ftp://waws-prod-db3-111.ftp.azurewebsites.windows.net, and FTPS hostname ftps://waws-prod-db3-111.ftp.azurewebsites.windows.net. At the bottom, there are three tiles: 'Diagnose and solve problems', 'Application Insights', and 'App Service Advisor'.

2. Click on Deployment Centre option on your left pane.
3. Click on FTP Option.
4. Setup your FTP Options. Click on Dashboard.

I have already set mine, hence a screen might look bit different.





The screenshot shows the 'FTP' dashboard in the Azure portal. At the top, there is an orange 'FTP' logo and a close button (X). Below the logo, a message states: 'App Service enables you to access your app content through FTP/S. [Learn more](#)'. A section titled 'FTPS Endpoint' displays the URL 'https://waws-prod-dm1-101.ftp.azurewebsites.windows.net/site/wwwroot' with a 'Copy' button. Below this, there are two tabs: 'App Credentials' (selected) and 'User Credentials'. Under the 'App Credentials' tab, a message explains: 'Application Credentials are auto-generated and provide access only to this specific app or deployment slot. These credentials can be used with FTP, Local Git and WebDeploy. They cannot be configured manually, but can be reset anytime. [Learn more](#)'. Below the message, there are fields for 'Username' and 'Password'. The 'Username' field contains 'AhujaManishHelloWorld\AhujaManishHelloWorld' with a 'Copy' button. The 'Password' field is masked with dots and has 'Show' and 'Copy' buttons. At the bottom, there is a blue button labeled 'Reset Credentials'.

5. Once you submit your credentials, go to overview tab and copy the hostname and open the url

- on a different tab.
6. Enter your credentials.

Index of /

	Name	Size	Date Modified
	LogFiles/		4/12/20, 11:46:00 AM
	site/		4/12/20, 11:46:00 AM

7. You should land on this page.
8. Click on Site link, under that select wwwroot, this is the folder we need to upload our html page.
9. We need to first download some ftp client in order to copy the file from your local to azure server.
10. I have downloaded one such ftp client name -"CuteFtp"



Site Properties for: Untitled(3)

General Actions Type Options

Label:
Untitled(3)

Host address:

Username:

Password:

Comments:

Login method
☒ Normal
☐ Anonymous
☐ Double

Connect OK Cancel Help



11. Enter your host details and credentials, you will find host and username under overview section.

/						
Name	Size	Type	Modified	Attribu...	Description	Owner
LogFiles		File Folder	12-04-2020 0...			
site		File Folder	12-04-2020 0...			

12. Go to wwwroot folder, under the site folder and copy your html file under that.
13. On left pane, find your file and right click on click on upload.
14. Once upload is success, refresh your ftp host page.

Index of /site/wwwroot/

 [\[parent directory\]](#)

	Name	Size	Date Modified
	HelloWorld.html	43 B	4/12/20, 12:00:00 PM
	hostingstart.html	3.4 kB	4/12/20, 11:45:00 AM

15. Click on the URL, present on the overview tab and navigate to the HelloWorld.html/Index.html page you just uploaded.