

Azure web app / app service .

If we have a web application and we want to deploy it . We can create a new vm and deploy/host a web app to vm - iaas . We can deploy on azure web apps also . Azure web app is PAAS - managed by azure.

APP service plans ,

When we create an app service we also need to create an app service plan .

Based on plan and usage we will be billed .

Free and shared plan . : we can host 10 web apps and 1 gb memory .

We can create multiple web apps and link them to app service plans .

We can increase computation to distribute load across web apps .

WEB APP > CREATE > PUBLISH : CODE / DOCKER CONTAINER - CODE > RUNTIME - .net 3.1 > OS - Windows > App service plan (we can change plan )> Application insight - to monitor your web app - NO > Create .

## Create Web App ...

azurewebsites.net

Publish \*

☒ Code ☐ Docker Container ☐ Static Web App

Runtime stack \*

Node 14 LTS

⚠ Node 14 LTS will reach EOL on 4/30/2023 [Learn More](#)

Operating System \*

☐ Linux ☒ Windows

Region \*

East US

ⓘ Not finding your App Service Plan? Try a different region or select your App Service Environment.

Pricing plans

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

Windows Plan (East US) \* ⓘ

(New) ASP-az104handson-883d

[Create new](#)

Pricing plan \*

Free F1

Shared infrastructure, 1 GB memory

Application Insights

Enable Application Insights \*

☒ No ☐ Yes

So , 1 app service plan , app service - 2 resources are created .  
Web app deploy sample application .

Making simple changes to web app :

We can deploy multiple apps on the same plan .

Use case scenario :

If we have a scenario where multiple web apps of different runtime stack need to be created .  
Then we can use 1 service plan and create multiple web apps on the same service plan . We  
have to select either linux or windows in 1 app service plan , both in the same service plan are  
not supported .

.net core and php web app are supported by linux app service plan and can reside in 1 linux  
service plan .

Asp.net and ruby web apps are supported by windows app service plan and can reside in 1  
windows service plan .

Azure web app logging :

Different type of logging :

Application logging- the log messages that are generated by your application ,  
web server logging - raw http request data ,

Detailed error messages- copies of the error pages that would have been sent on to the  
client browser ,

deployment logging - logs when you publish content to an application .

We can also stream logs in the azure web app .