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.

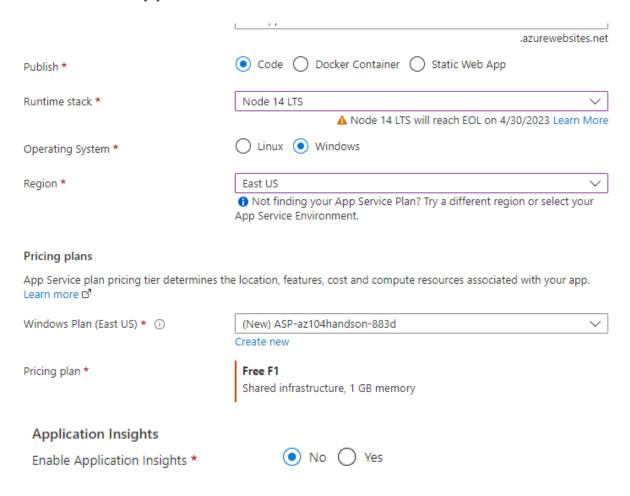
APP service plans,

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



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.