Azure Section 10.1 - Publishing Read-It app.

So here we will be publishing our app to the server in azure. For that first we need to open the VS code inside our catalog folder.

Then open the terminal and type the command

> dotnet publish -o publish

This will create a new folder in the left side explore panel.

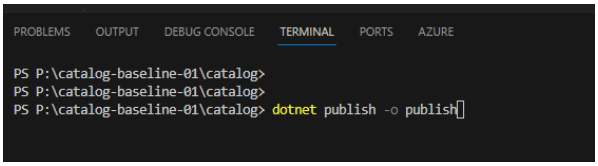
Now we will create a new resource group and this time we will not delete the resource group at the end of the demo. we will be using the resource group through out the course.

Here we will create a VM but this VM will be created with some variations. While creating a virtual machine choose the disk type as standard SSD. And under Network change the name of the virtual network. The name of the virtual network is based on the resource group so please remove the “rg” phrase from it.

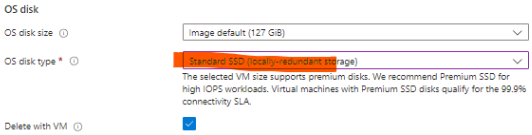
Under the Disk section choose the disk type to standard SSD rather than premium SSD.

Going forward, the Public IP address that is allotted to the VM is dynamic which means that the IP will always change after we shutdown and restart the VM. So please change that to the dynamic IP.

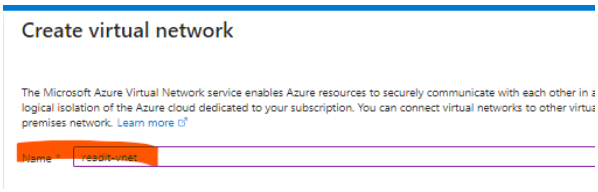
We will see the steps with following screenshots.



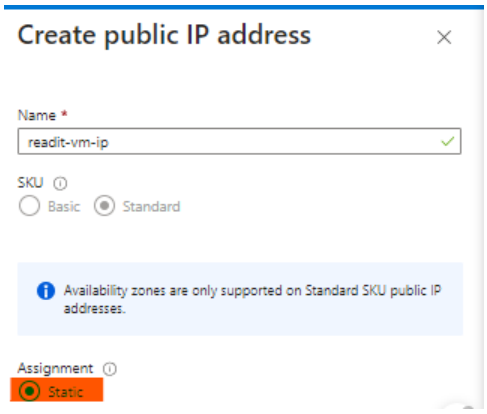
Terminal under VS code the command to publish the code. this will create a publish folder in the explorer panel.



Under the disk the disk type is set to the standard ssd.



Edited the name of the Virtual network.



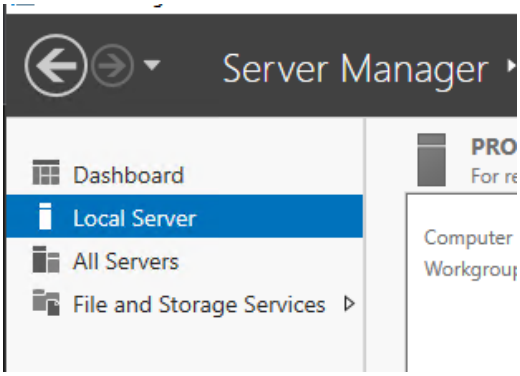
Ip address is selected to static

Go to management and choose the auto-shutdown option.

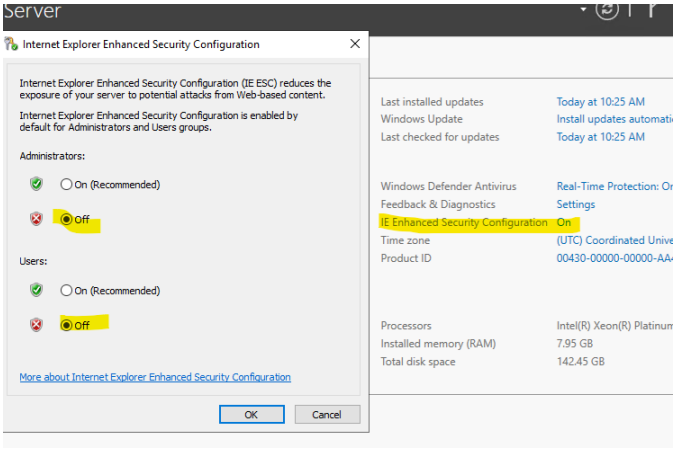
Click review and create.

Inside server configuration:

step 1: After logging in to the server wait for the server manger tool to open. Once the server manager tool is opened on the left side we can see a panel with few options in it. There we need to choose the option of Local server.

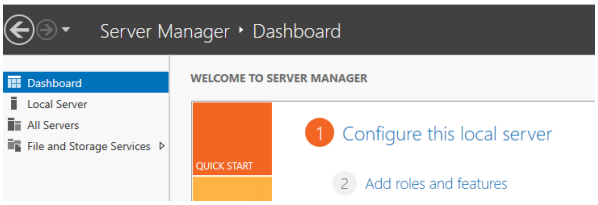


so here we are clicking on the local server.

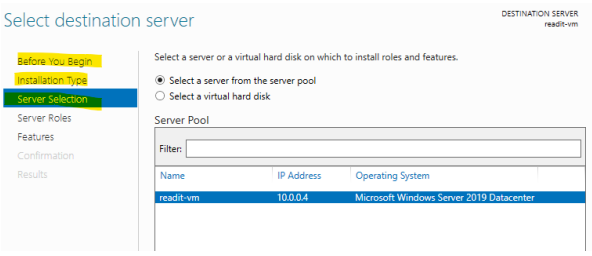


Under that there is a option of IE Enhanced security configuration we need to click on that and set it to off.

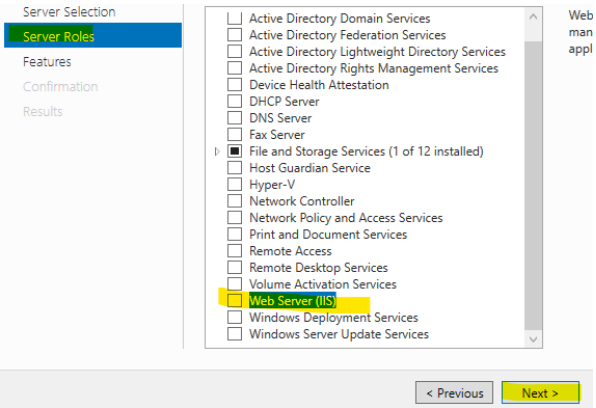
Step 2: click on the dashboard option which is in the left side panel above the Local Server. Under that option click on add roles and features.



Under dashboard click on the second option of add roles and features.



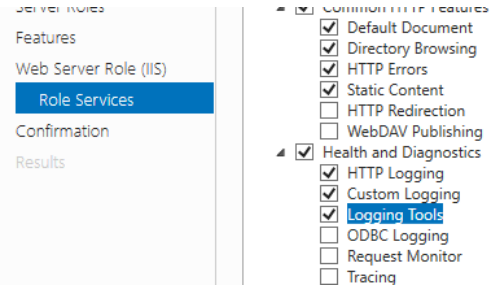
Click next twice and then it will take you to the server name selection page there also click on next.



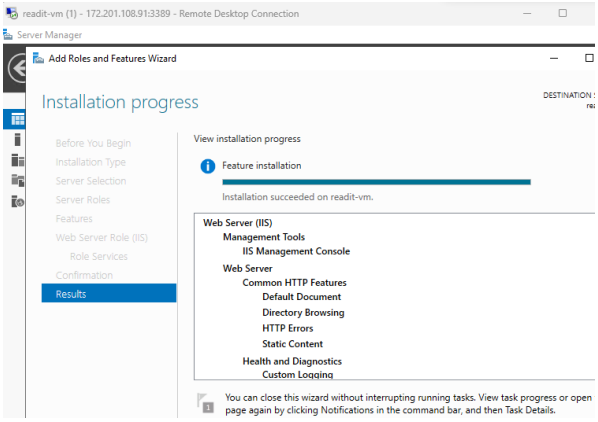
Under server role scroll down and choose webserver (IIS) and hit next. we need to add this feature. and click next.

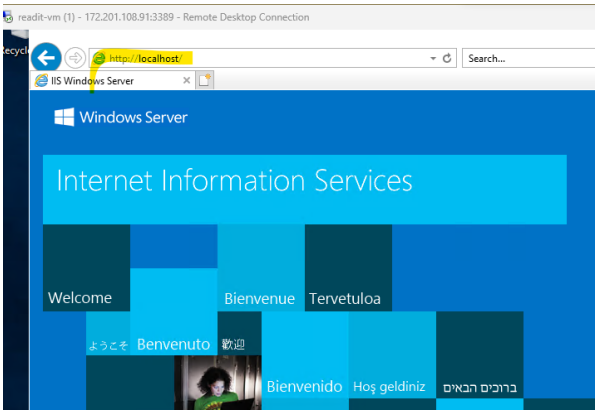
On the next page we need to add features. but as of now all the features that we need are already selected. And we wont be adding any new features as of now.

Under the role service we should add the custom logging and login tools.



Hit on install and wait for the features to get installed.





Now go to the internet explorer and then there we need to enter the local host and there will be the following page appear and if this is the case then we can now say that the VM is ready to host a web application.