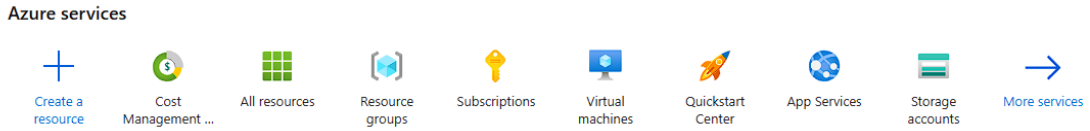
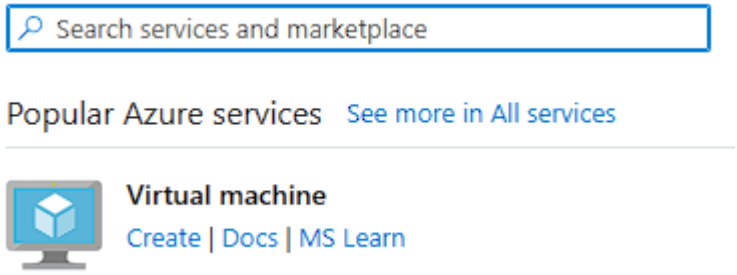
AZURE LAB 4 (Data Disk)

In this lab you will learn, how to add a data disk into your Windows Virtual Machine.

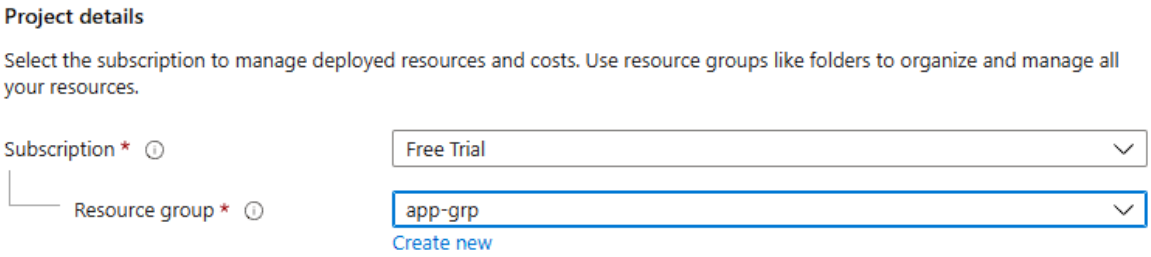
1. Log in your Azure Portal. For this lab you will need to create a Windows virtual machine.
2. For that click on create a resource.



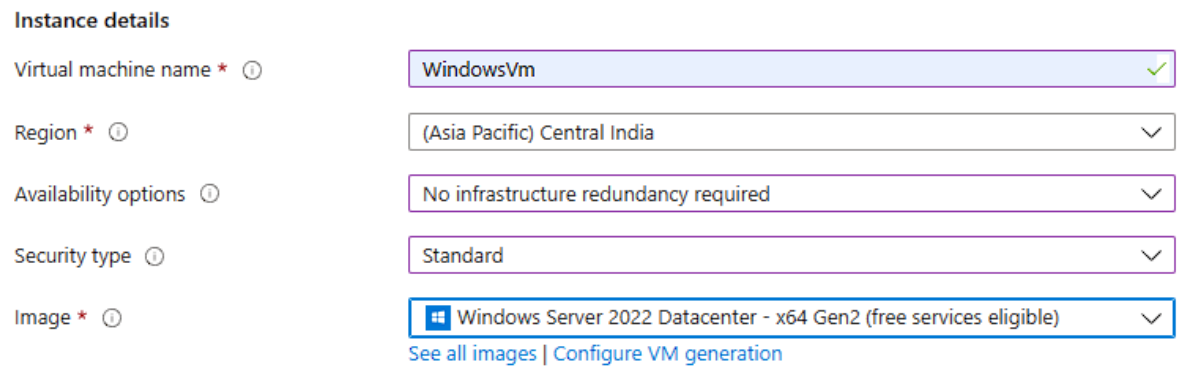
3. On the resource page select virtual machine.



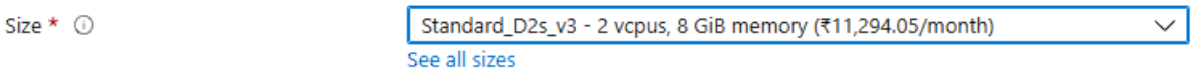
4. Select your subscription (if any), then select your resource group (If you have a resource group) or create a new resource group.



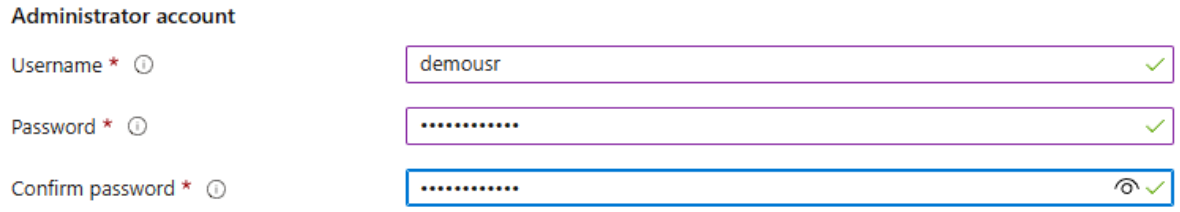
5. Give your virtual machine a name, then select region, select availability option and security type same as shown below.
6. For image select Windows Server as shown below. (You might know this image from Lab 1)



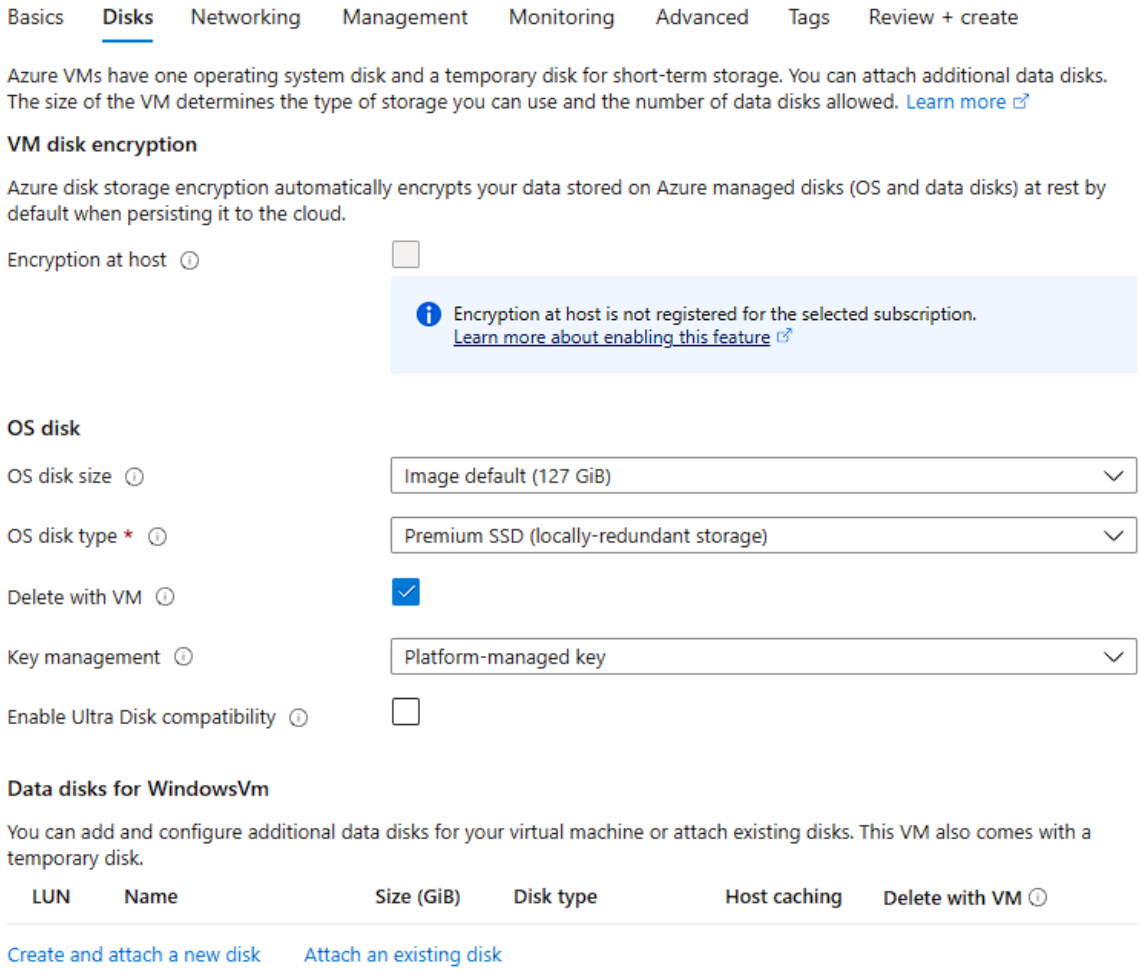
7. This time you need to select Standard_D2s_v3 for the size because B1s might not be compatible for this lab.



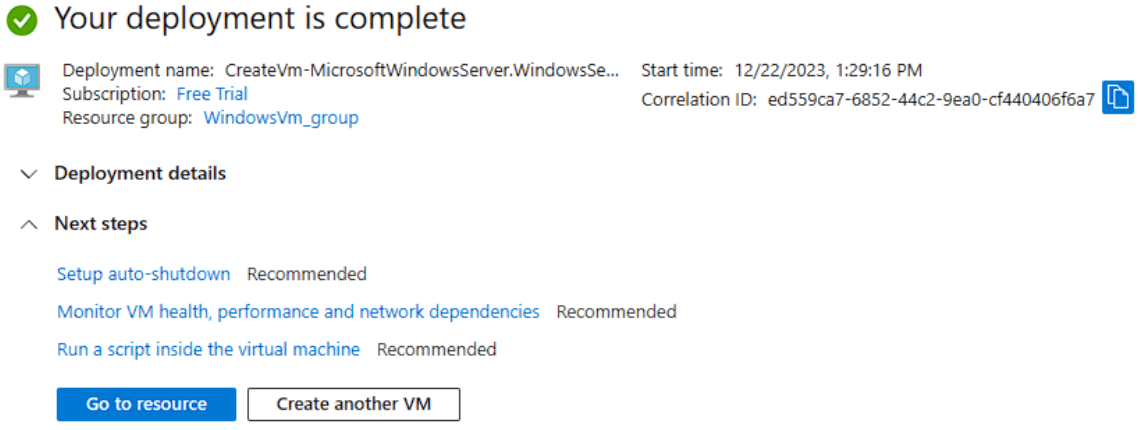
8. Give username and password, so that you can log in to your virtual machine.



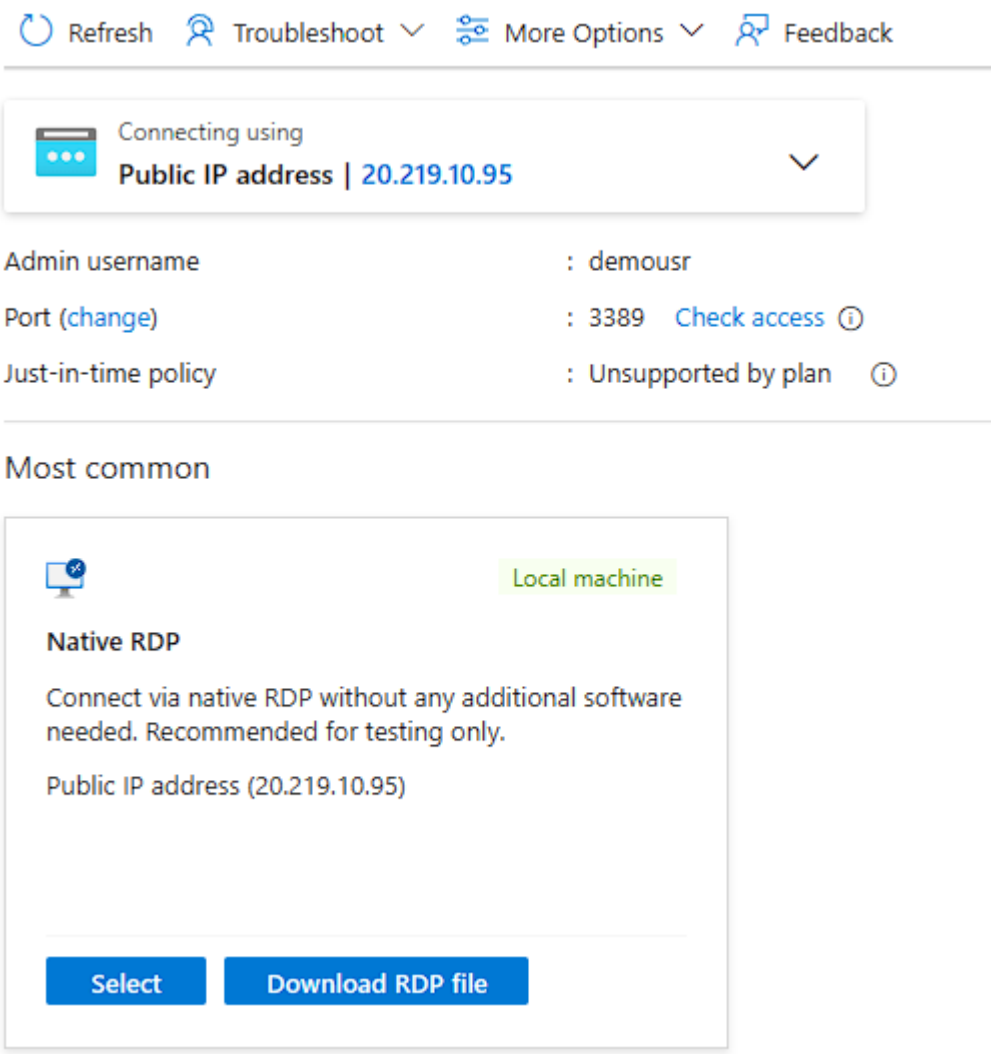
9. Now on the disks page you can see you get a default Premium SSD for the Virtual machine and initially you can create and attach a new disk from here too.
10. Add a data disk is a two-way process, first you need to create a disk then you need to attach that disk to your server.
11. Thus, you are going to attach that new disk to your window's virtual server.



12. Now just head towards to the review and create page. There you need to create your server.
13. Once the deployment is complete, go to resource page.

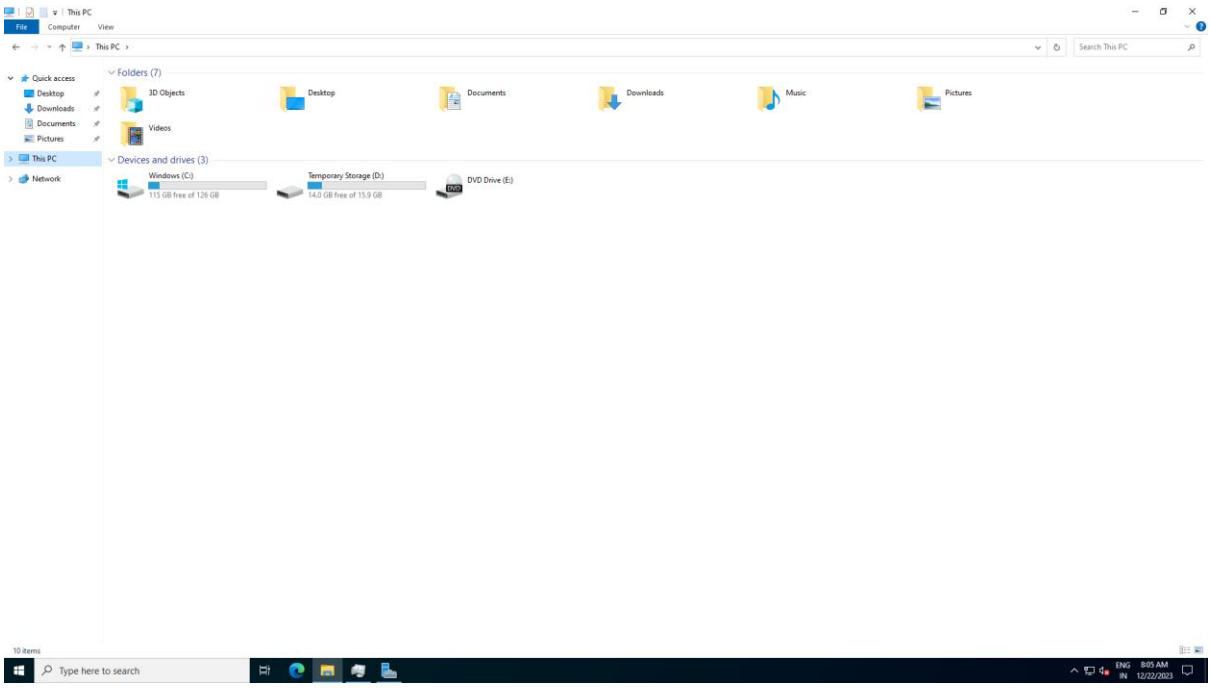


14. Click on download RDP file.

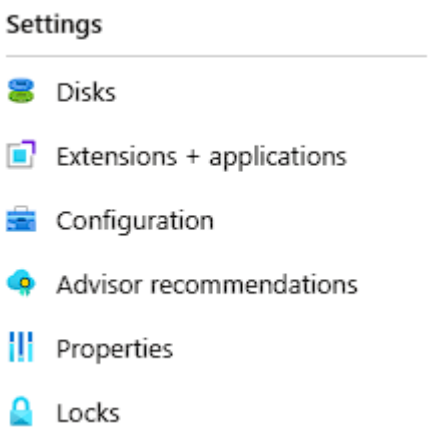


15. After downloading RDP file open it and log in to your windows virtual machine.

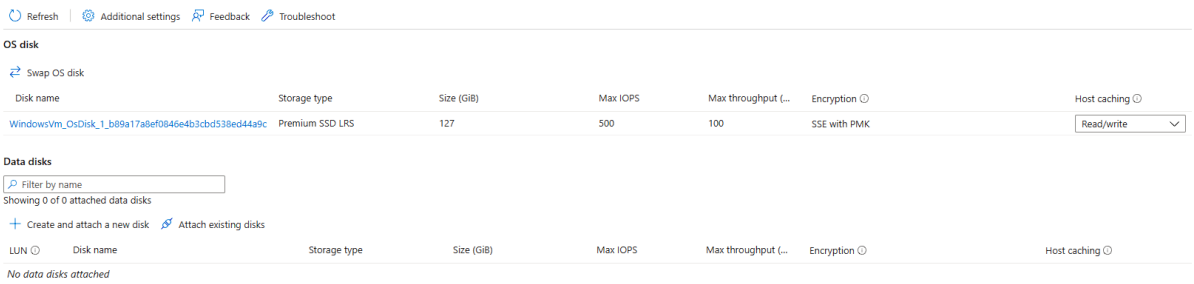
16. Once you are in your machine, go to file explorer. Here you can see you have 2 disks. Frist is where you windows server is installed, second is temporary disk.



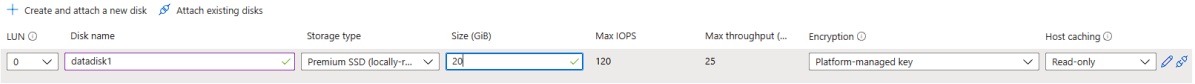
17. Now you are going to add a new disk to your windows server.
18. For that you need to come back to Azure Portal, here you will see and option for settings, in settings click on Disks.



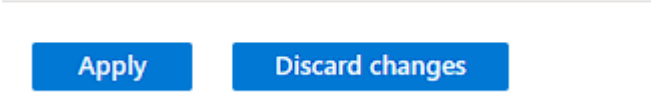
19. Here you can see, you have your default disk, and you can create plus attach that disk to your virtual machine.
20. Now click on create and attach a new disk.



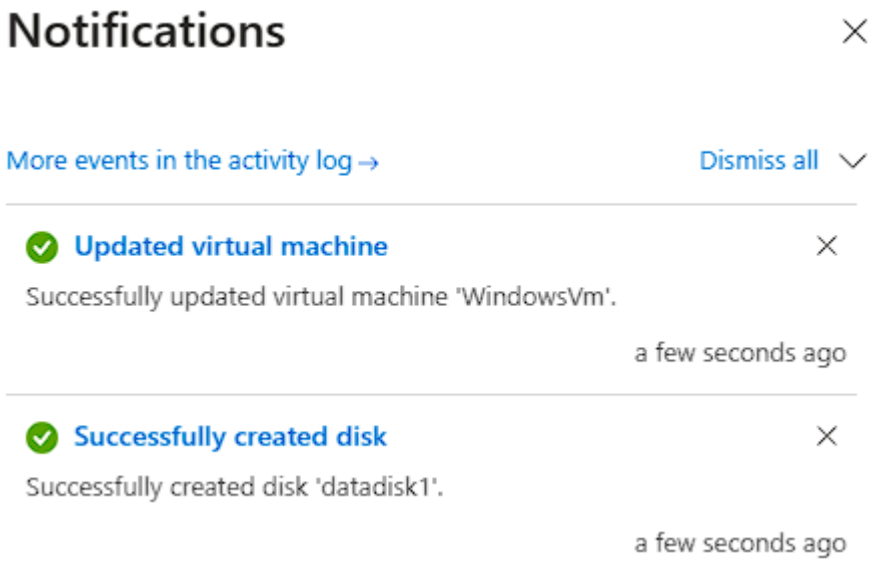
21. Give your disk a name, select a size of your choice.



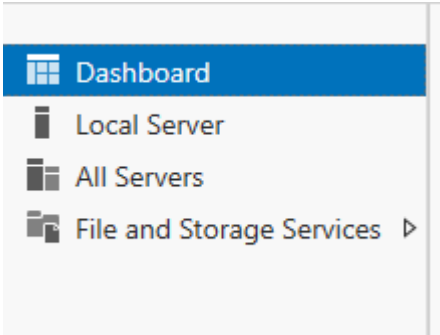
22. Then click on Apply. Wait for some time.



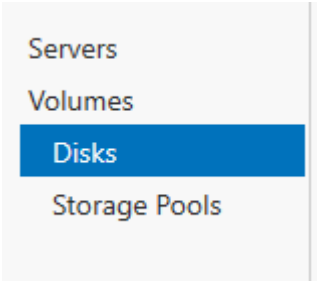
23. Once it is created you can see the message of creation in notification tab.



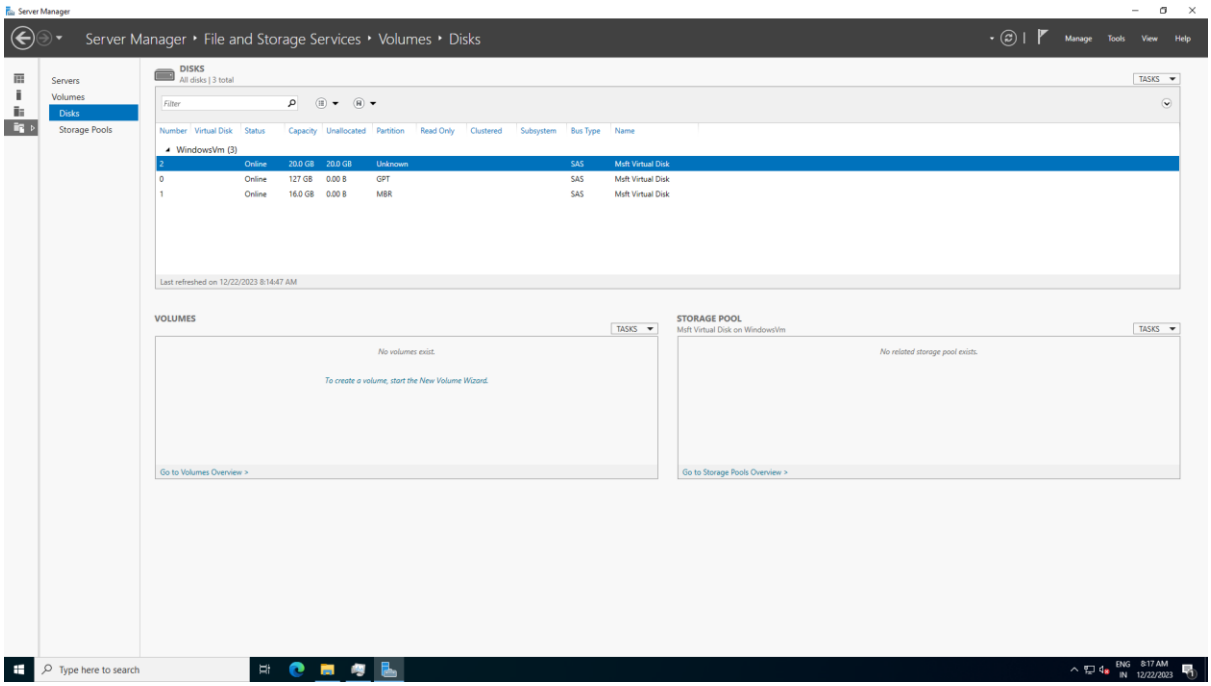
24. Now you need to go back to your Windows virtual machine. In the server manager dashboard click on File and Storage Services.



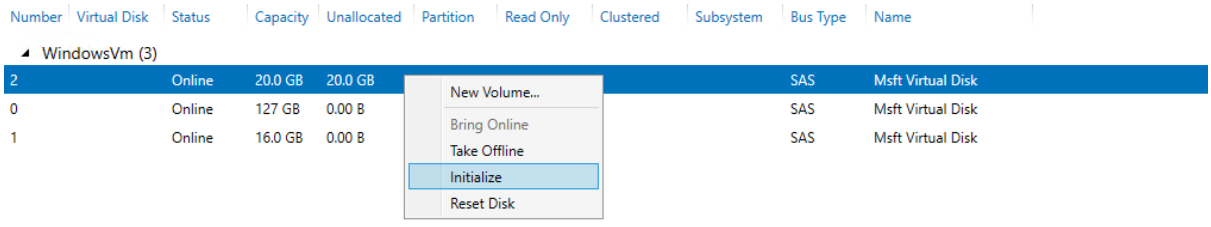
25. There you need to click on disks.

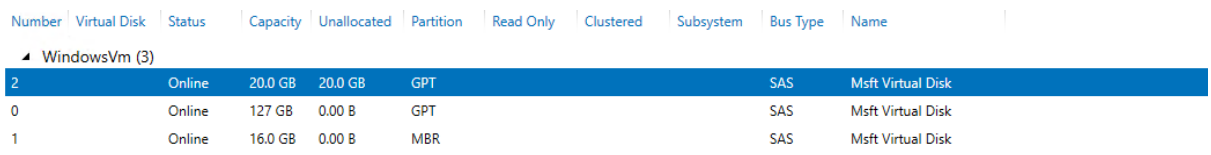


26. And in the disks, you can see your disk of 20GB which you just created.

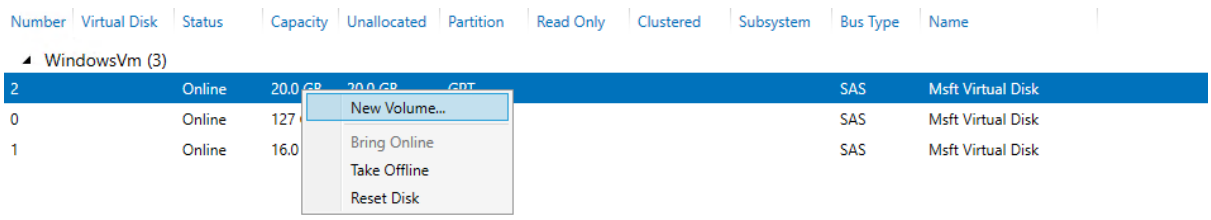


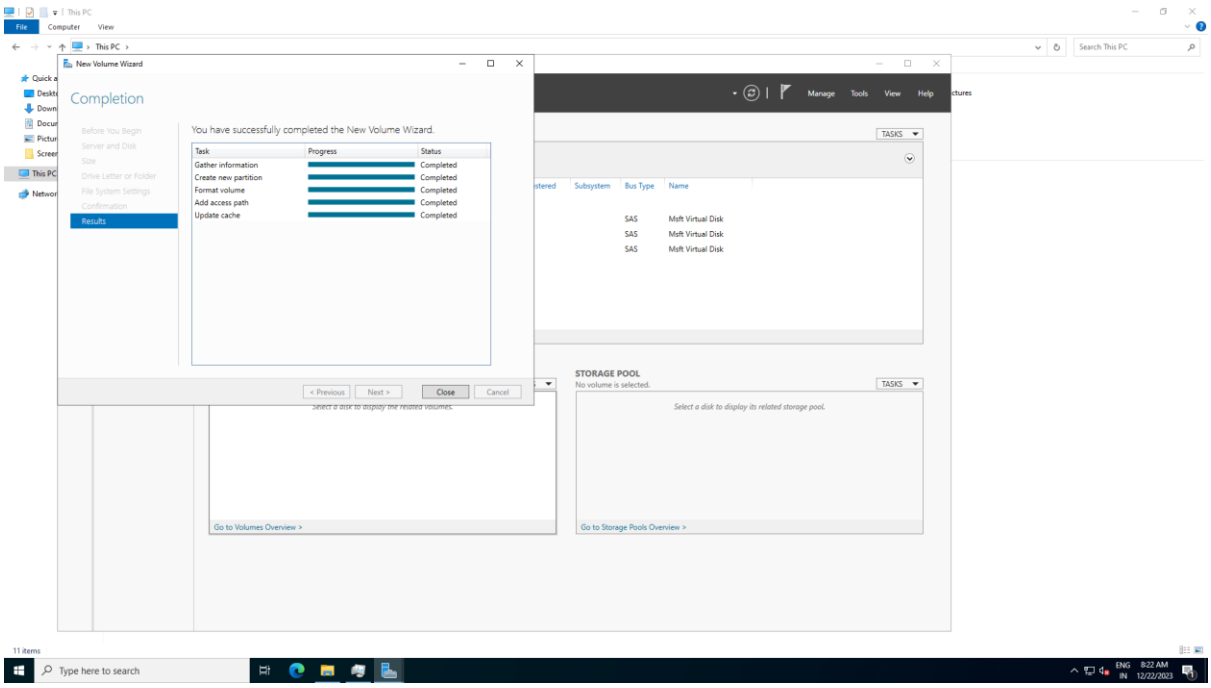
27. So, to use it you need to first initialize it. For that select it and then right click on it. Then click on initialize.





28. Once it is initialized, again right click on it. Click on New Volume, and create a new volume like you've created on your systems.





29. Now if you go to your file explorer, you can see a new disk of 20GB ready for use.