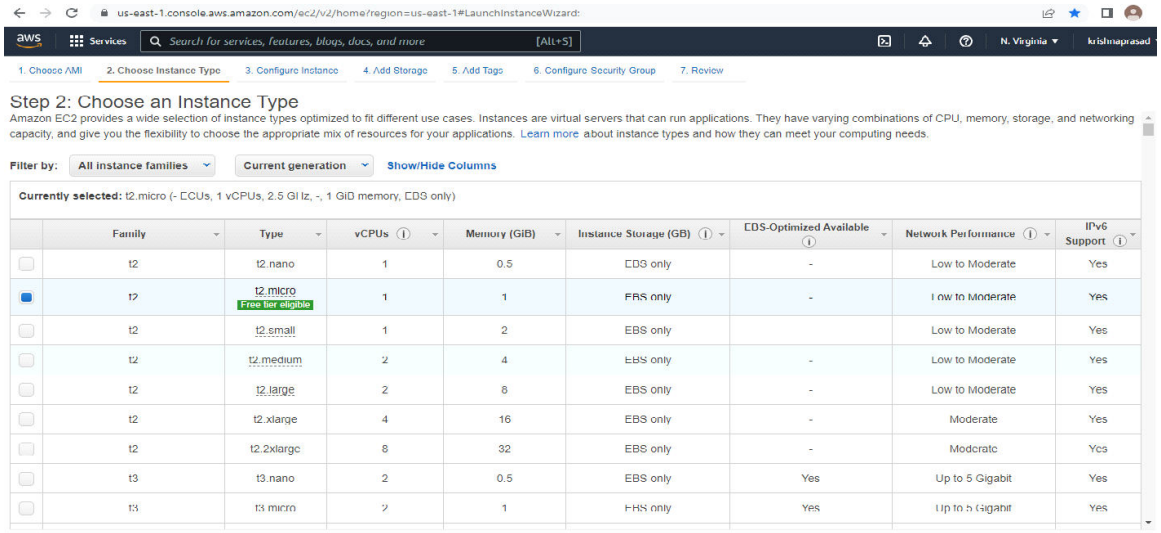
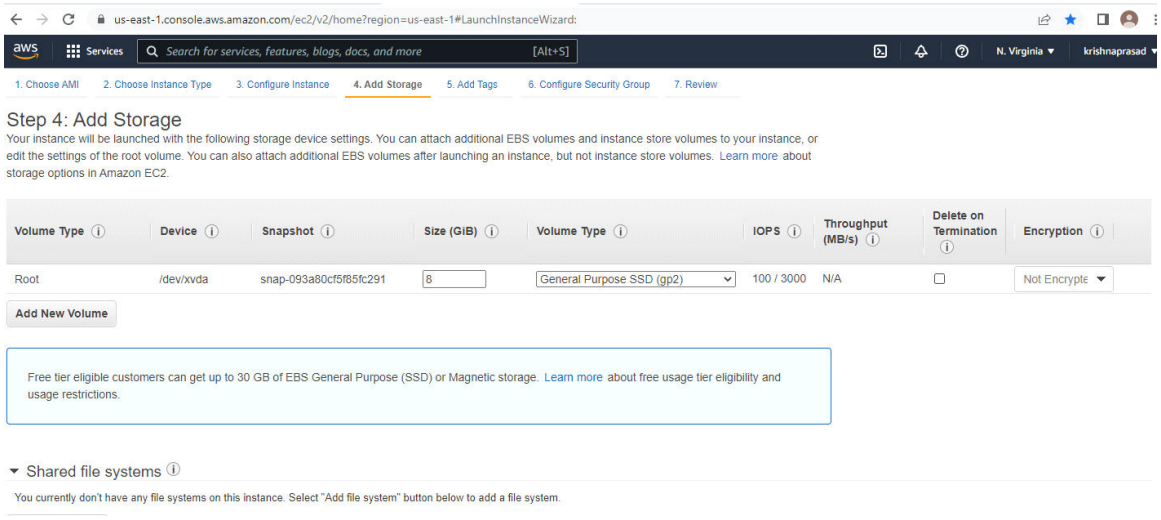
Volume- Attach And Detach

Volume: An Amazon EBS volume is a durable, block-level storage device that you can attach to your instances. After you attach a volume to an instance, you can use it as you would use a physical hard drive.

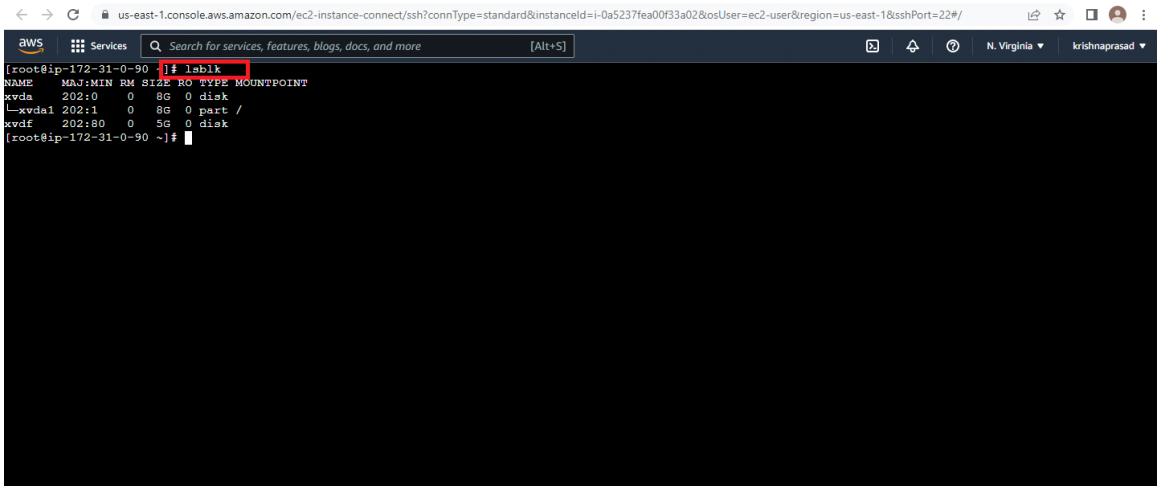
Step1: Launch an amazon Ec2 instance -> select t2micro as instance type as it is free-tier.

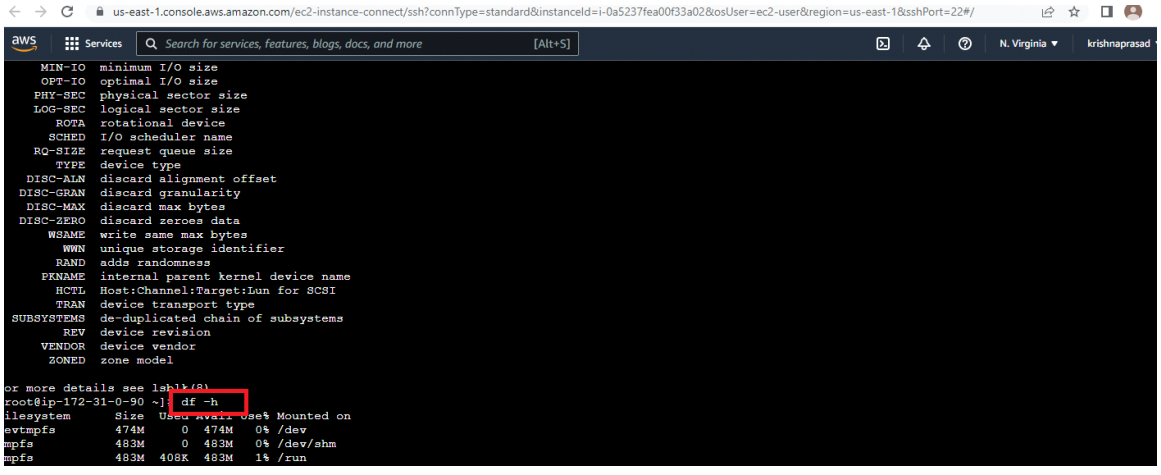


Step 2: Check the default volume of 8Gib and disable delete on termination.

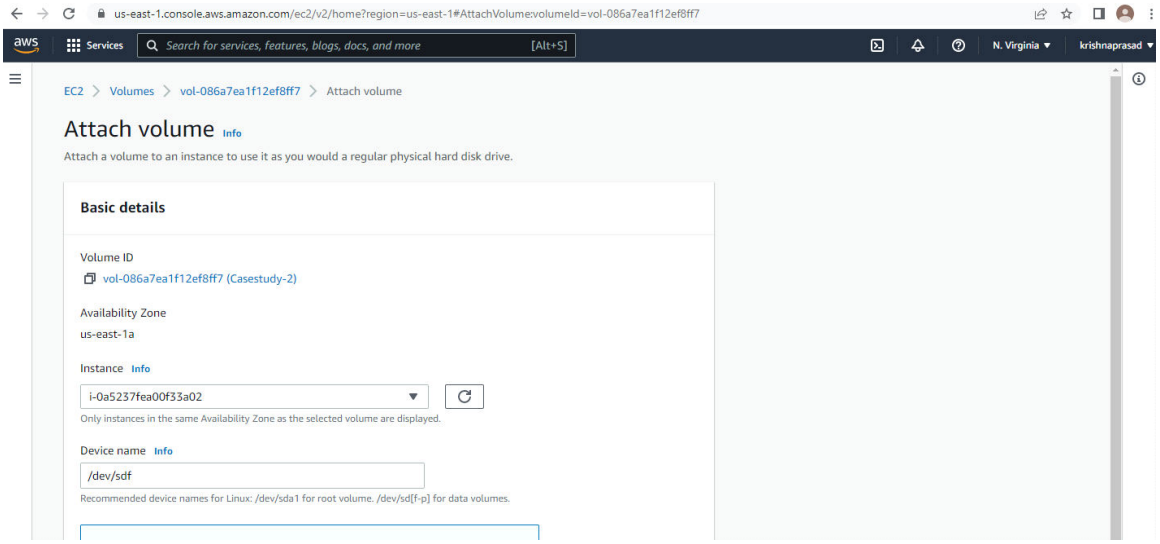


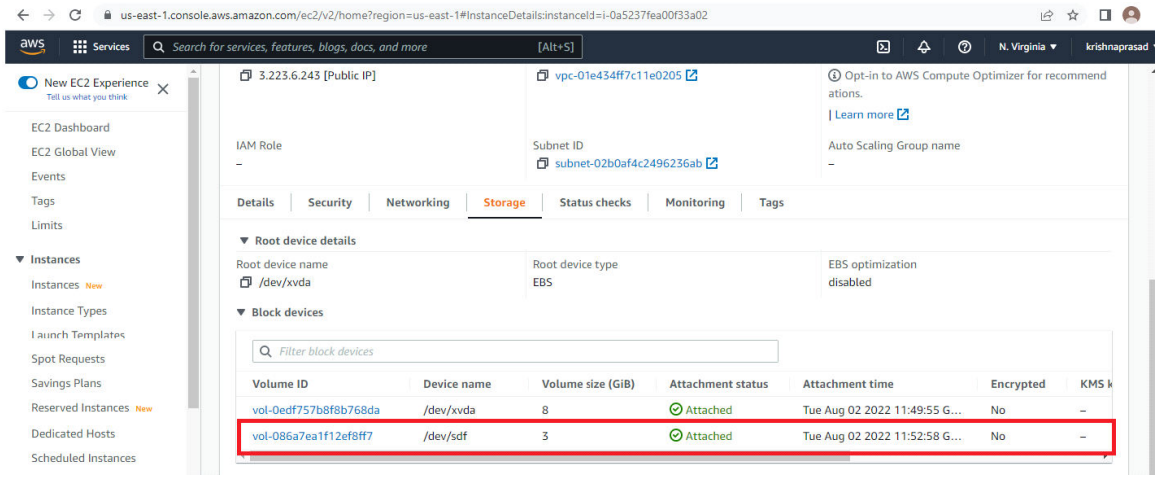
Step 3: Connect to the instance and check the volume by "lsblk" command and check disc free by "df-h" command.



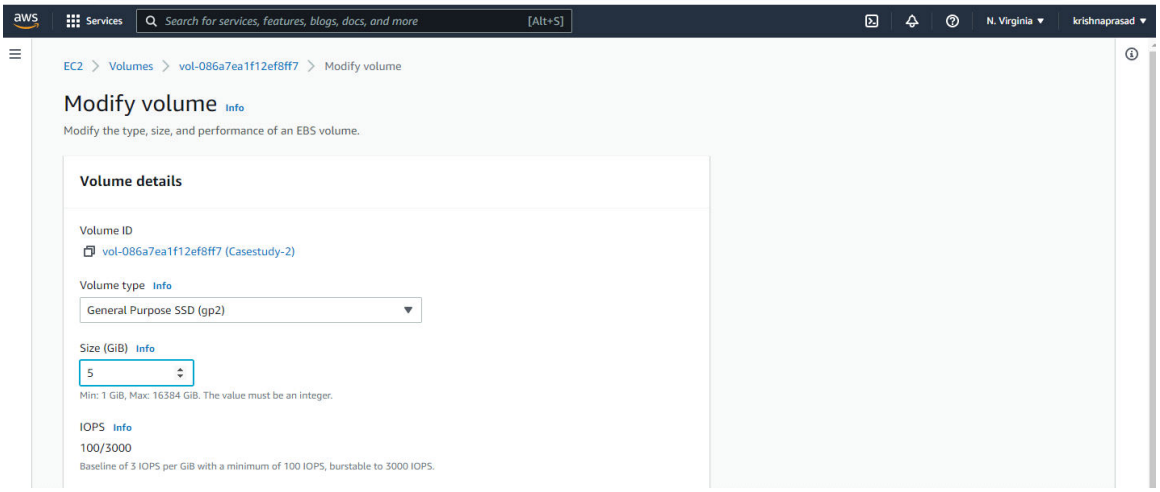


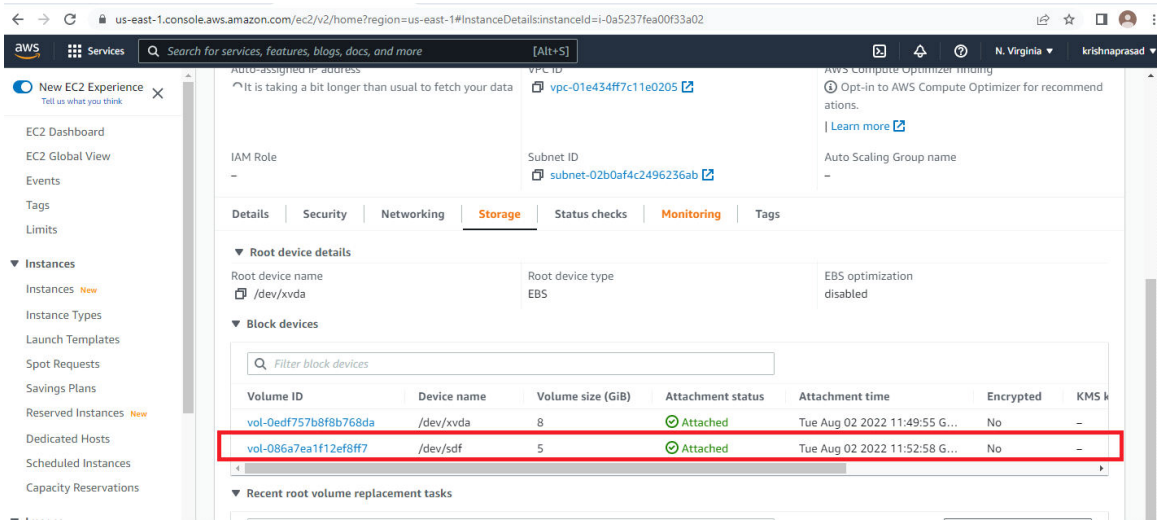
Step 4: Now create an exeternal volume of 3Gib and attach it to the instance.



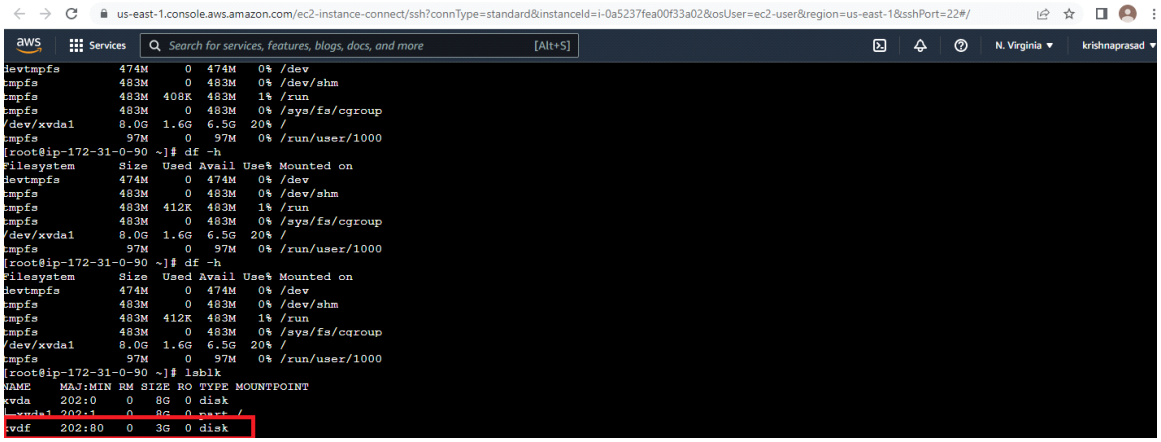


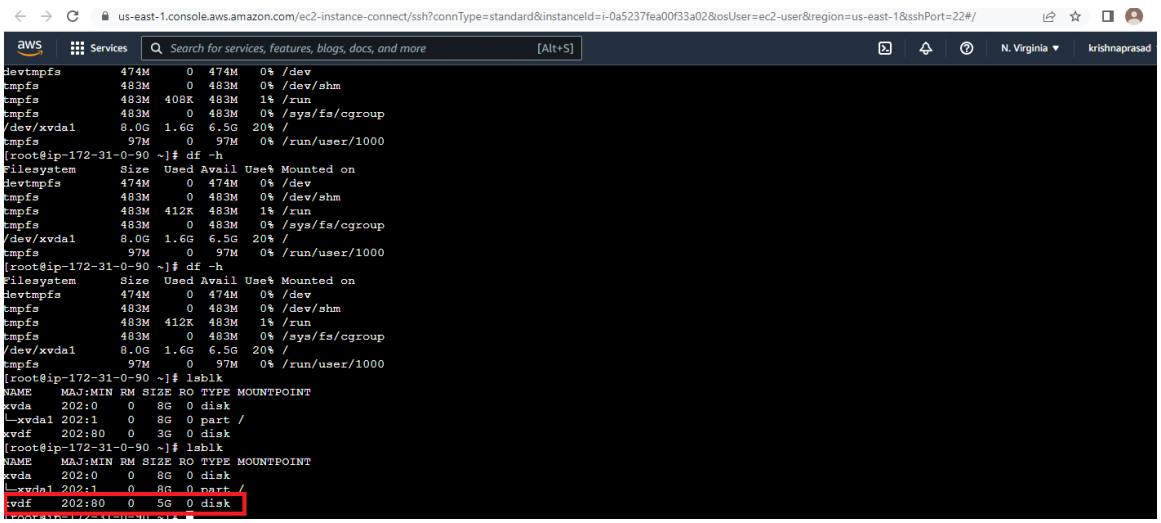
Step 5: Modify the volume to 5Gib and attach it to the instance.



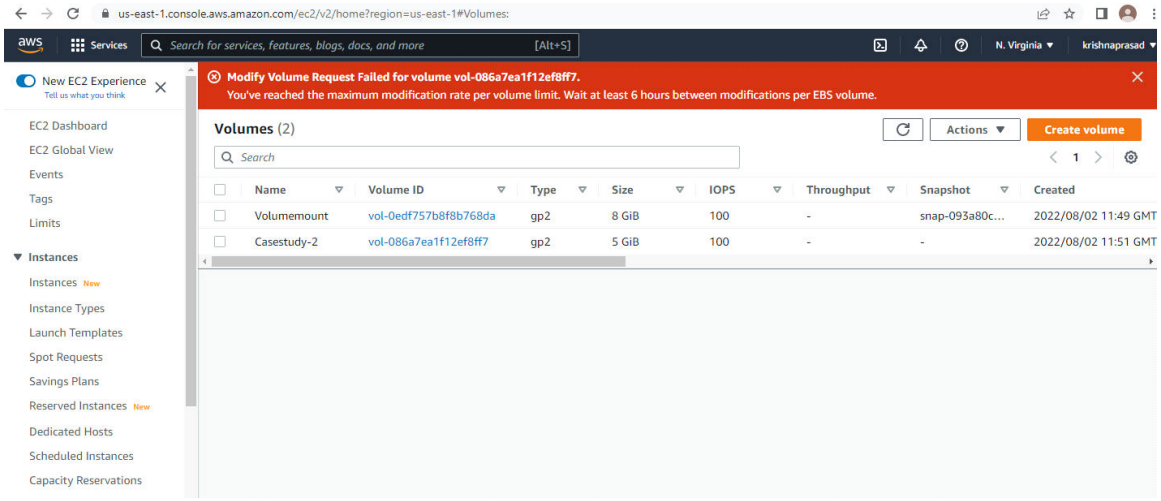


Step 6: Here you can observe the modifications done to the volume is as below.





Step 7: Modifications to the volume can be done only once after its creation and if we try it ask us to wait for six hours.



Conclusion: Attaching and detaching of volumes is successfully completed and it has some of the limitations.