EC2-Assignment---2

Problem Statement:

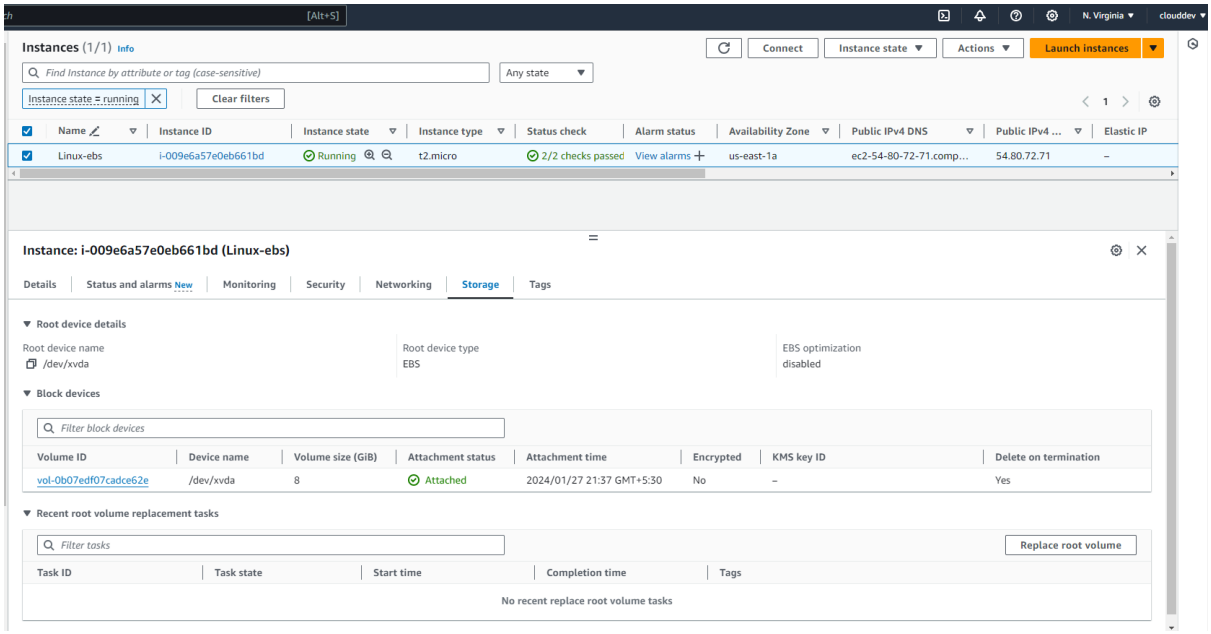
You work for XYZ Corporation. Your corporation wants to launch a new web-based application using AWS Virtual Machines. Configure the resources accordingly with appropriate storage for the tasks.

Tasks To Be Performed:

1. Launch a Linux EC2 instance.
2. Create an EBS volume with 20 GB of storage and attach it to the created EC2 instance.
3. Resize the attached volume and make sure it reflects in the connected instance.

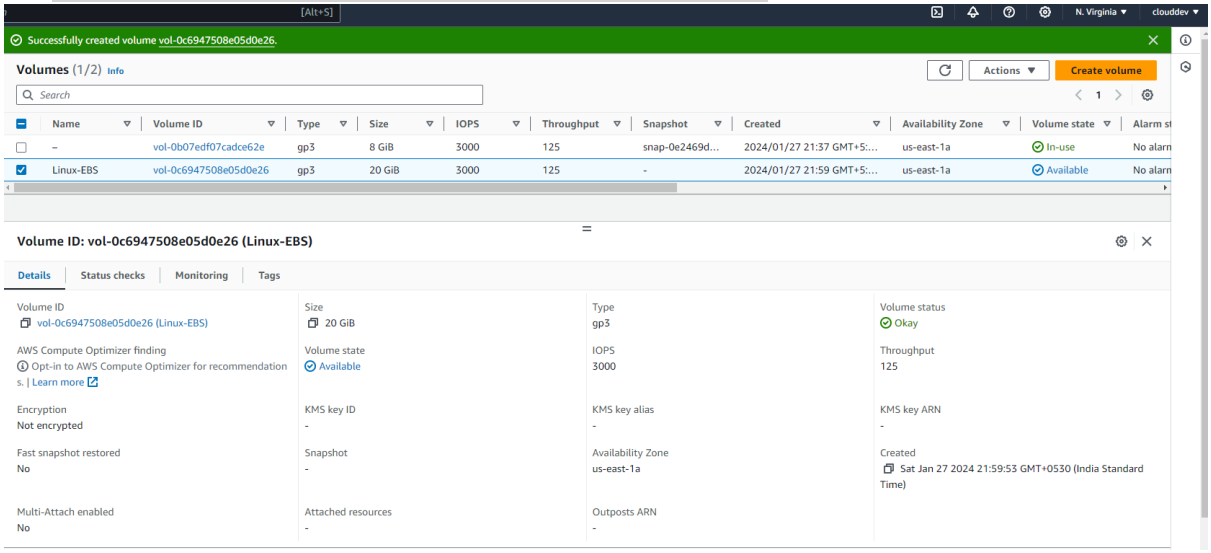
ANSWER:

1. Linux EC2 instance created with root volume alone

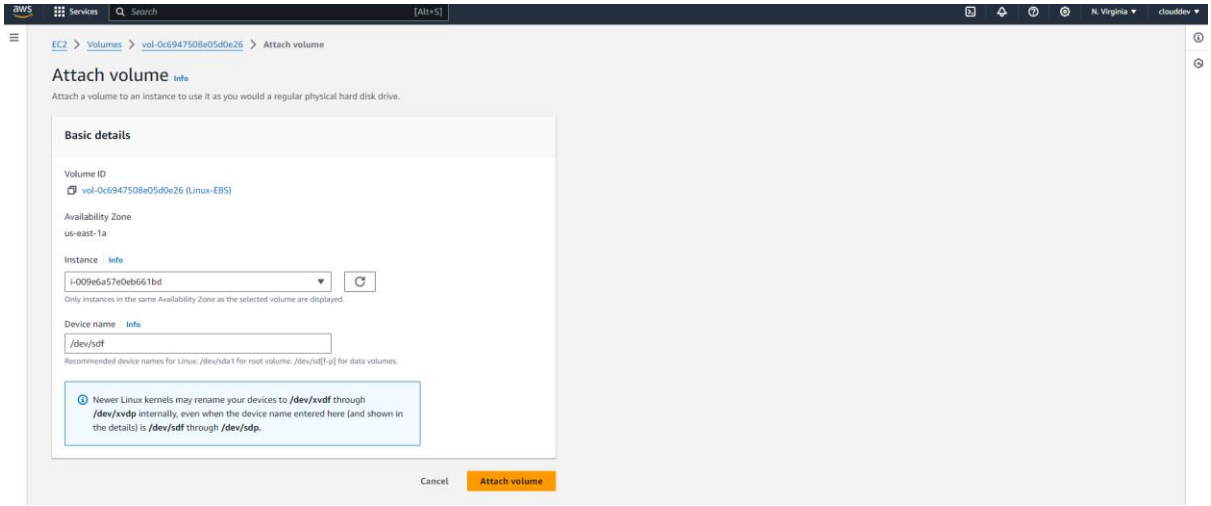


a. The volume details are

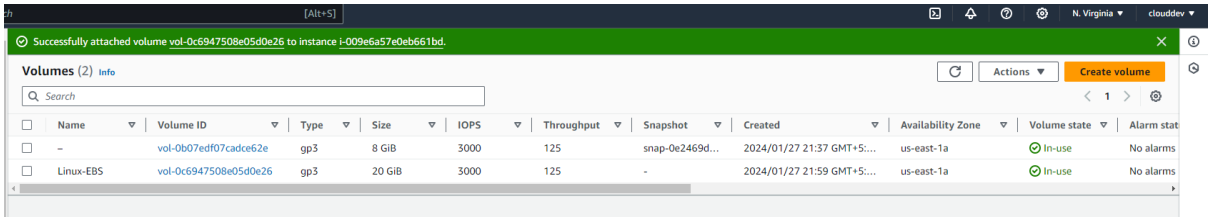
2. EBS volume of 20GB created in the same AZ (us-east-1a)



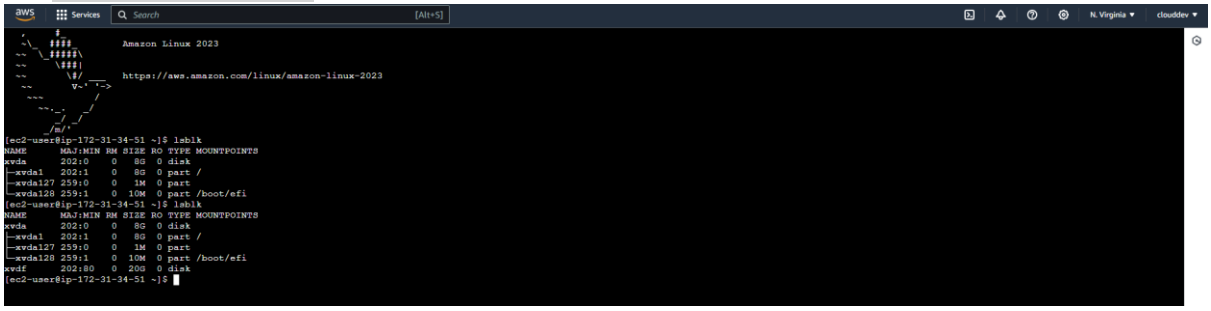
a. Attach the 20GB volume to the Linux instance



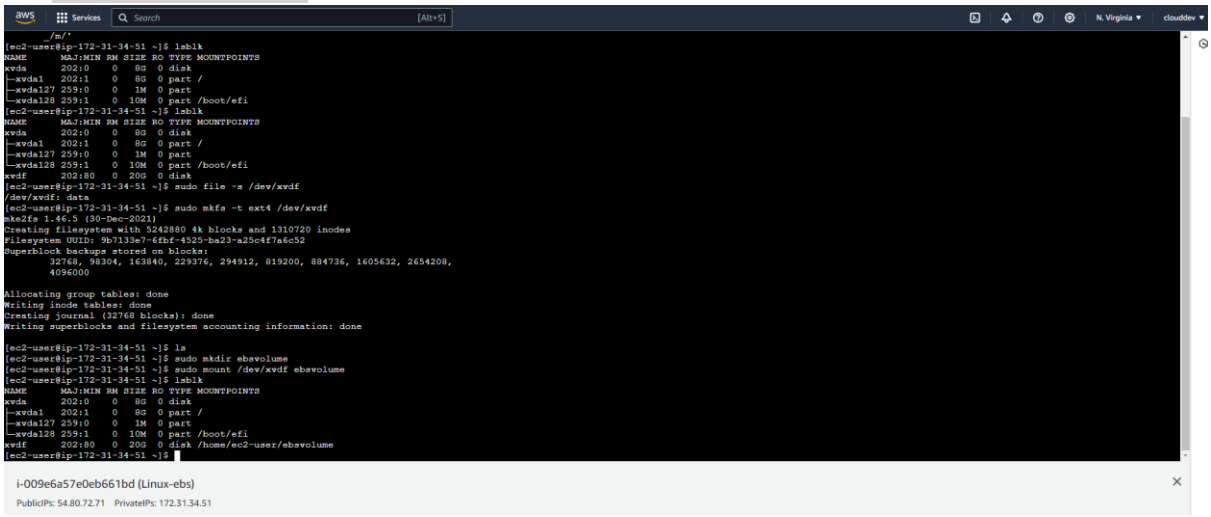
b. Volume attached successfully



c. Volume /dev/xvdf



d. Volume mounted



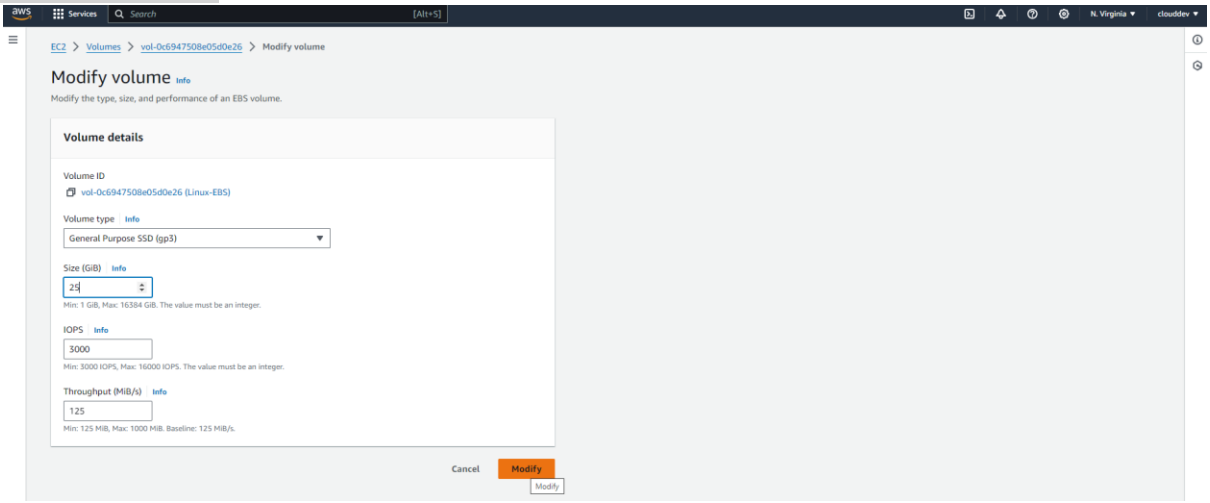
COMMAND HISTORY:

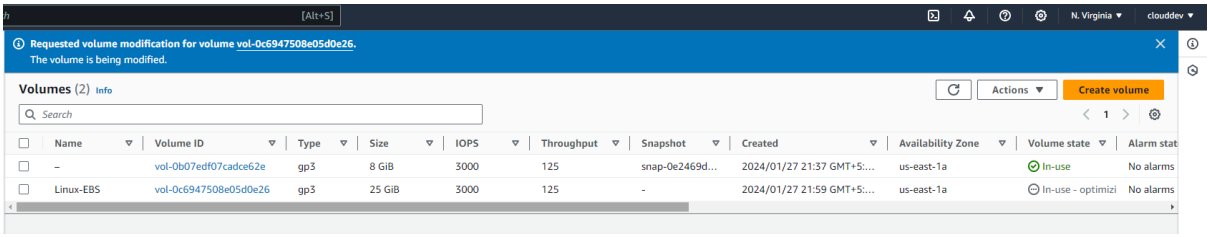
[ec2-user@ip-172-31-34-51 ~]$ history

1 lsblk
2 sudo file -s /dev/xvdf
3 sudo mkfs -t ext4 /dev/xvdf
4 ls
5 sudo mkdir ebsvolume
6 sudo mount /dev/xvdf ebsvolume
7 lsblk
8 history

[ec2-user@ip-172-31-34-51 ~]$

3. Resize the volume





a. Resized volume 25 GB reflecting against /dev/xvdf