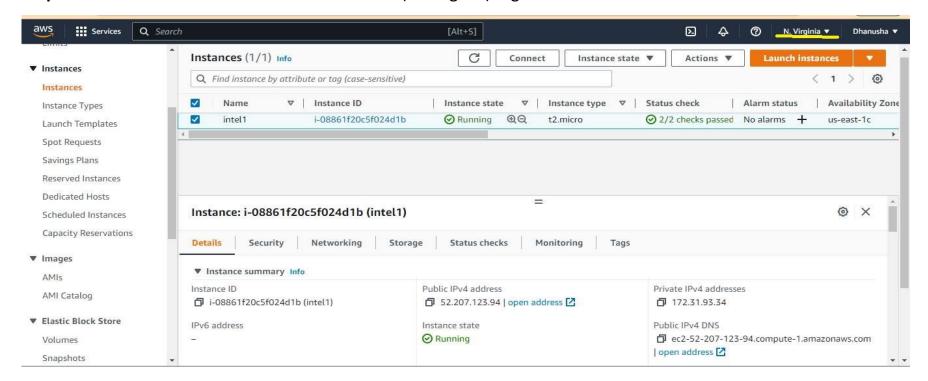
Problem Statement: You work for XYZ Corporation. Your company is working on an application, and it requires secured web servers on Linux to launch the application.

You are asked to:

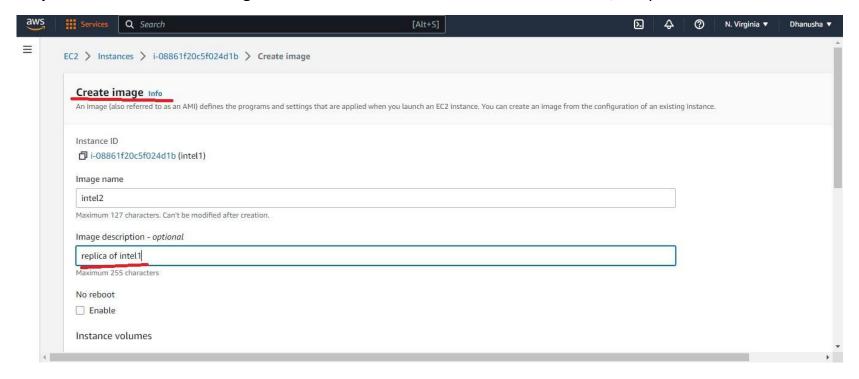
- 1. Create an instance in the us-east-1 (N. Virginia) region with the Linux OS and manage the requirement of web servers of your company using AMIs
- 2. Replicate the instance in the us-west-2 (Oregon) region
- 3. Build two EBS volumes and attach them to the instance in the us-east-1 (N. Virginia) region
- 4. Delete one volume after detaching it and extend the size of the other volume
- 5. Take a backup of this EBS volume

Solution:

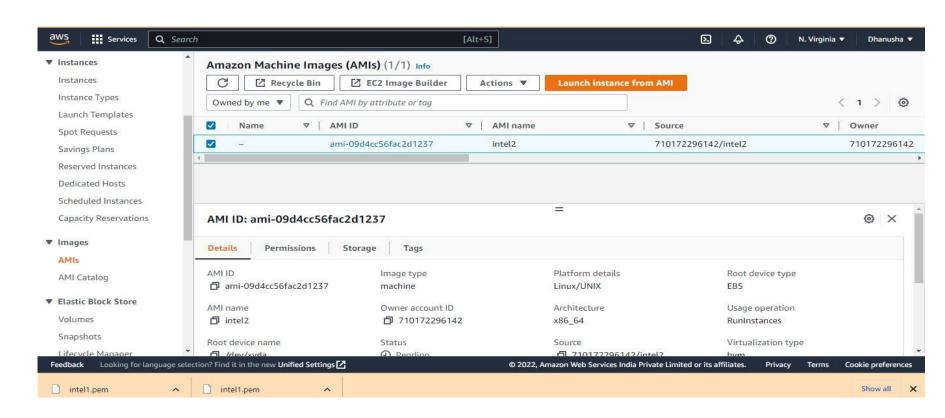
Step1: Created an instance intel1 in the us-east-1 (N. Virginia) region with the Linux OS.



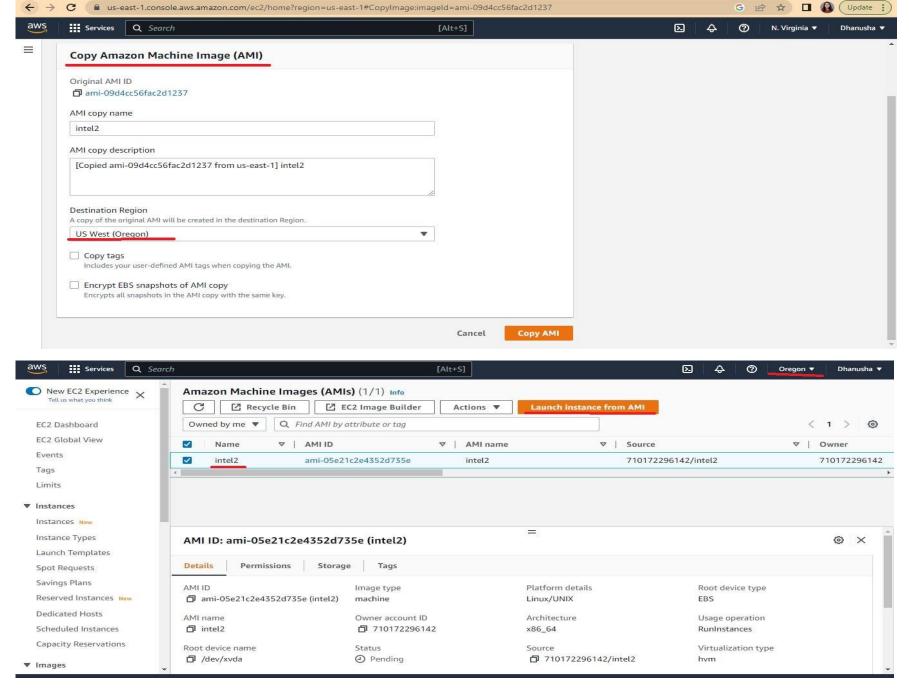
Step2: Create the custom image from the instance created intel1 that is intel2, a replica of intel1.



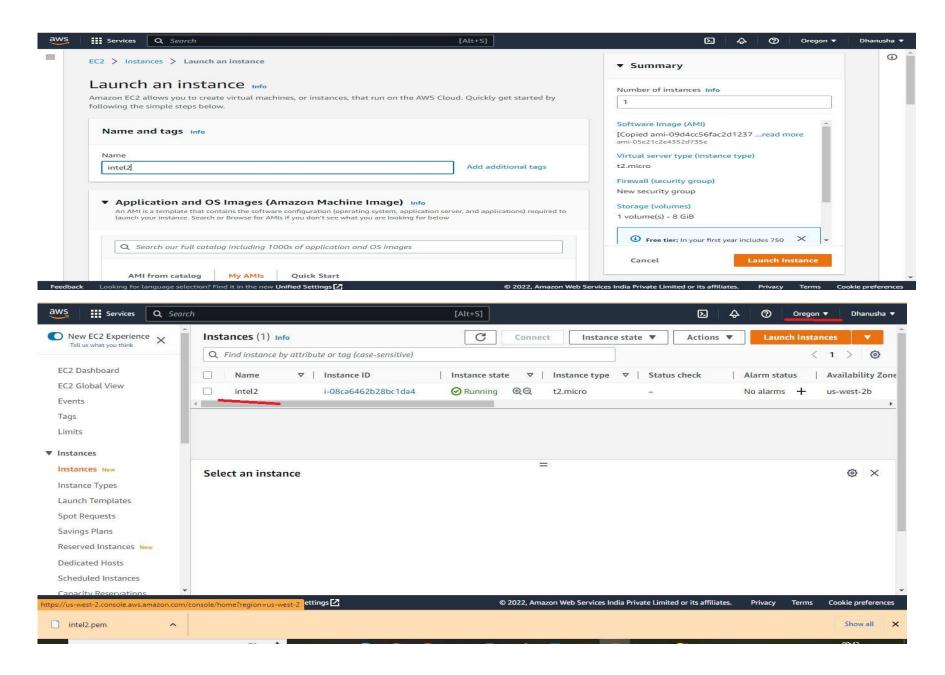
Step3: Custom Image is created with AMI name **intel2.**



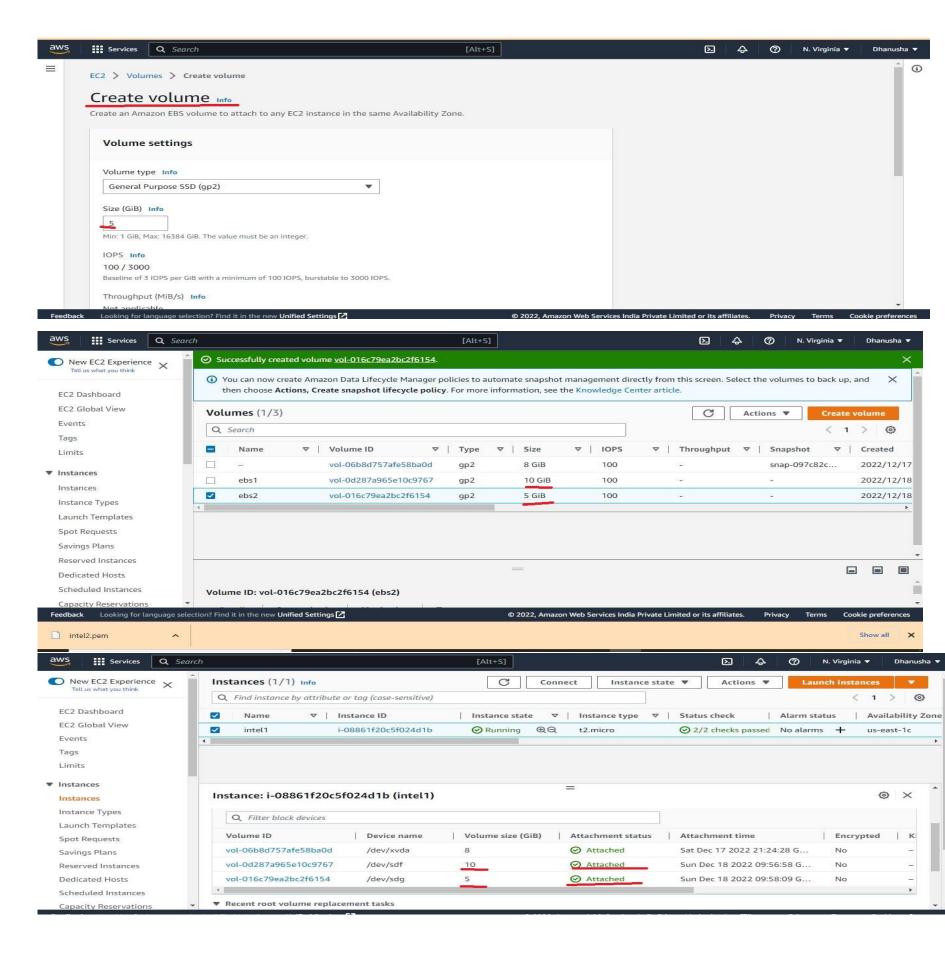
Step4: To replicate the instance in the us-west-2 (Oregon) region, first we need to copy the custom image created in N.Virgina to t us-west-2 (Oregon) region.



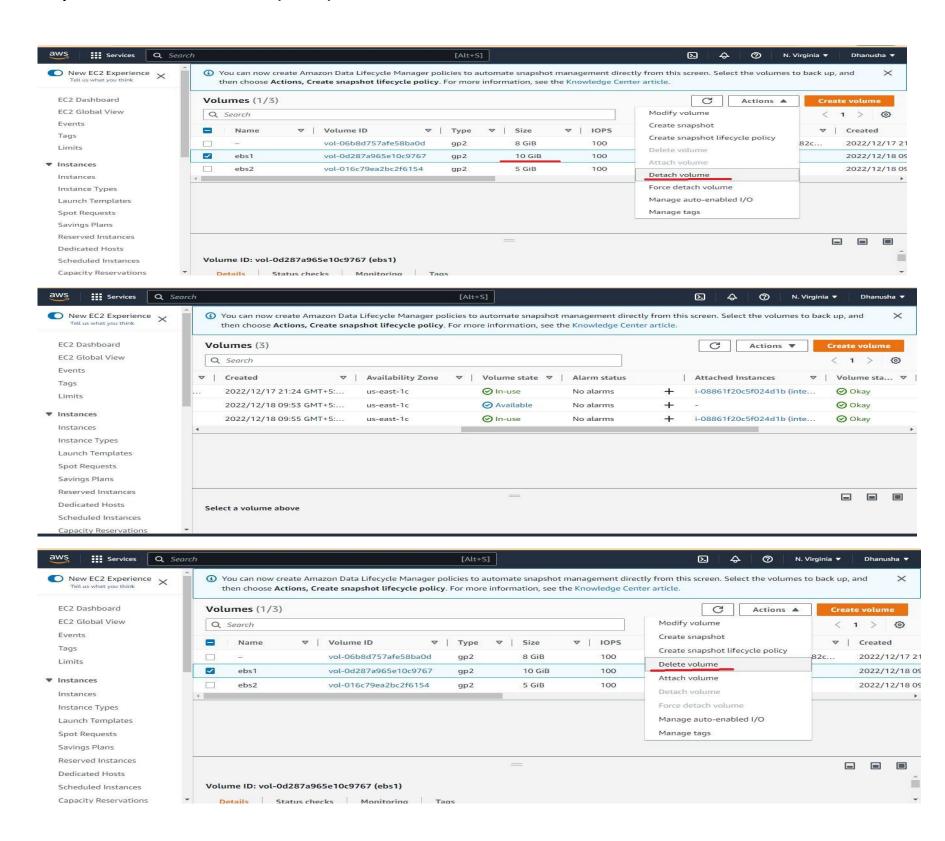
Step5: Then launch a new instance named intel2 in us-west-2 (Oregon) region.

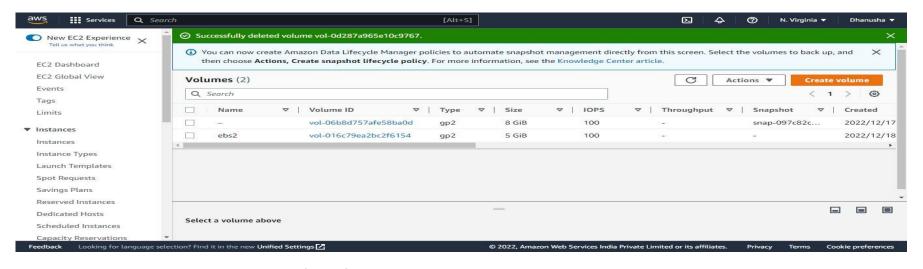


Step6: Create two EBS volumes **ebs1(10GiB)** and **ebs2(5GiB)** in the same region (N.Virgina) and attach to instance **intel1.**

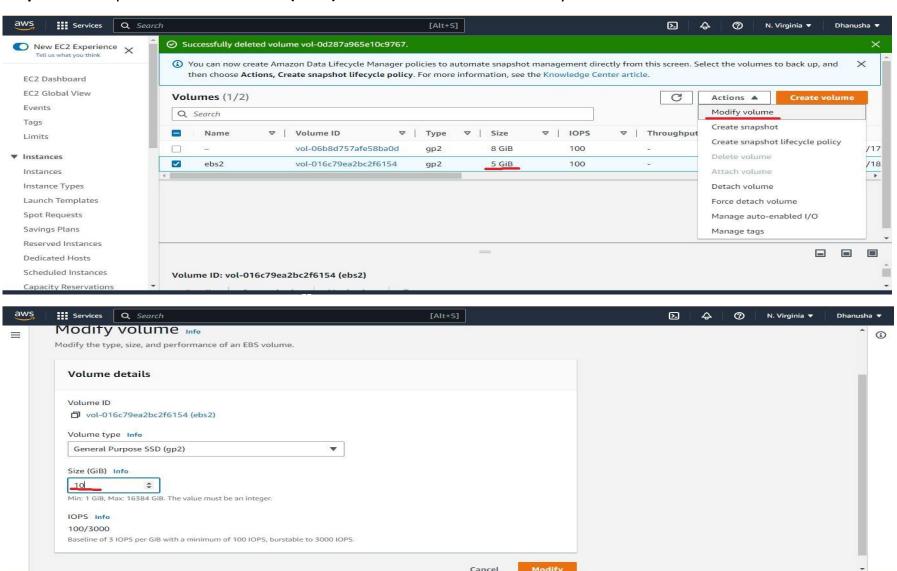


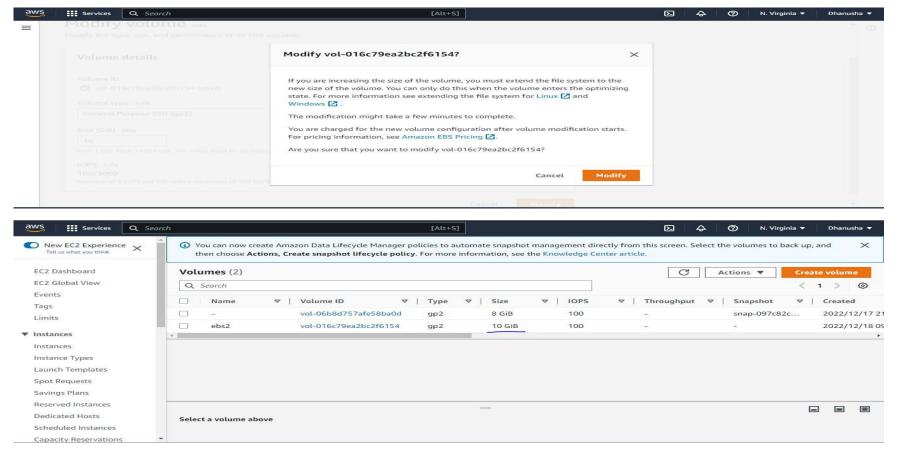
Step7: Delete one volume ebs1(10GiB). For that first detach the volume then delete it.





Step8: Then expand the volume ebs2 (5GiB) to 10 GiB. We need to modify the volume.





Step9: Create a snapshot of the volume ebs2.

