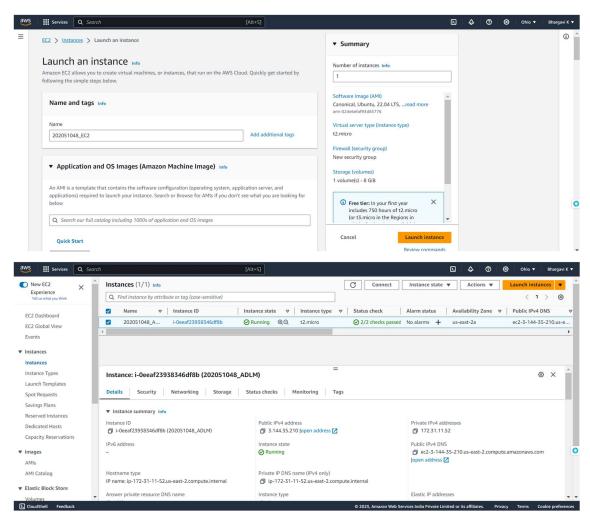
CS443: Assessment 2: EBS + ADLM

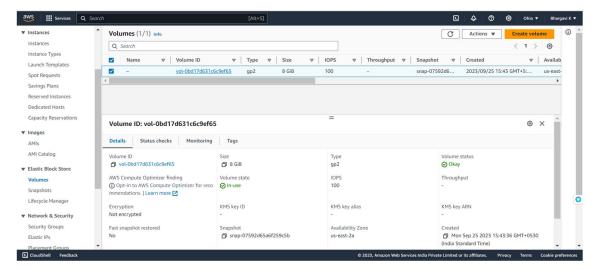
Name: Bhargavi Kamble

Student ID: 202051048

Task 1: Create an EBS backed EC2 instance in Ohio region.

Create an EC2 instance with Ubuntu AMI.

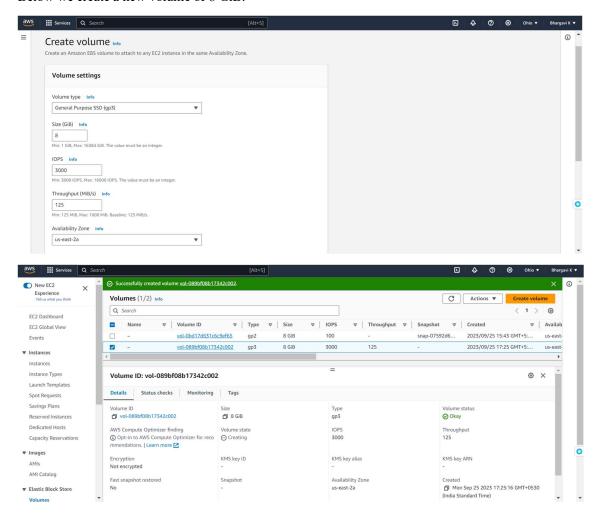


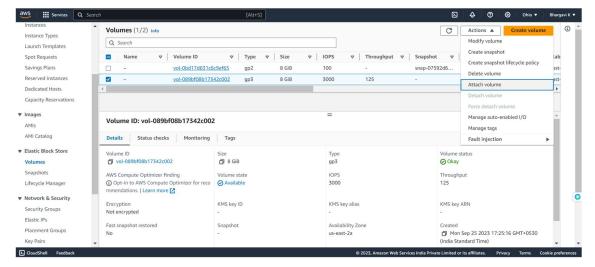


This is the standard volume attached to EC2.

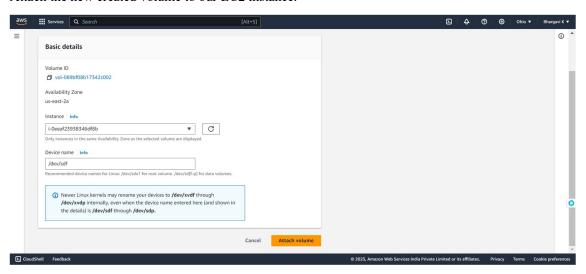
Task 2: Attach a Throughput Optimised EBS volume of 8GB to the above EC2 instance.

Below we create a new volume of 8 GiB.

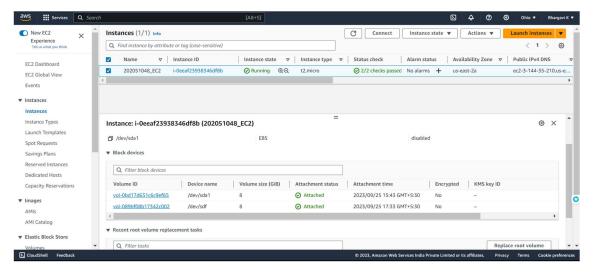




Attach the new created volume to our EC2 instance.

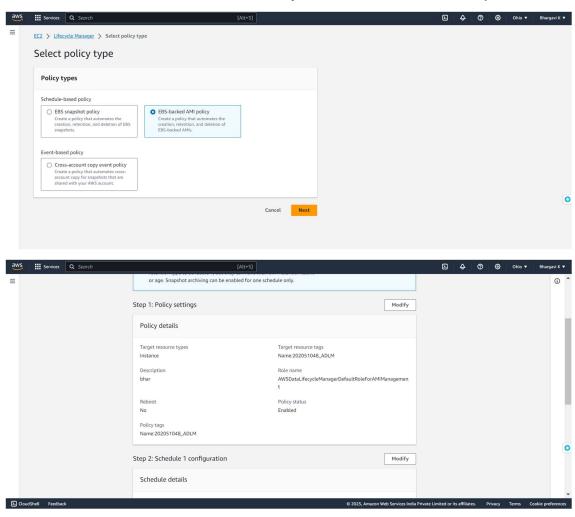


Below we can see the volume has been attached.

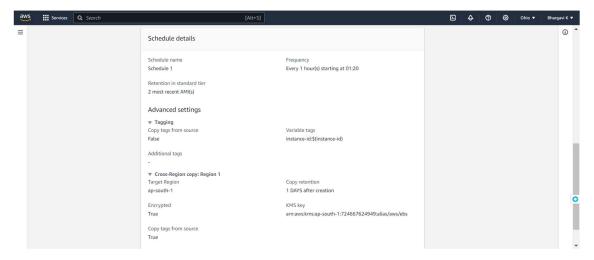


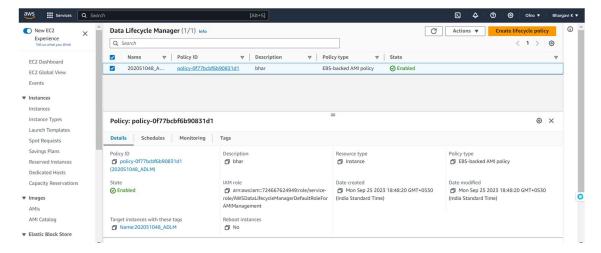
Task 3: Using ADLM replicate this EC2 instance in Mumbai region.

We create an EBS-based AMI policy and attach the tag as 202051048_ADLM similarly add these tags to the instance and volumes too. We create the cron jobs and schedule it to run for every 1 hour.

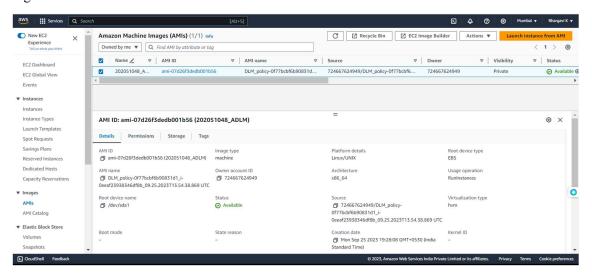


Here we have enabled the schedule to make a copy in mumbai region.

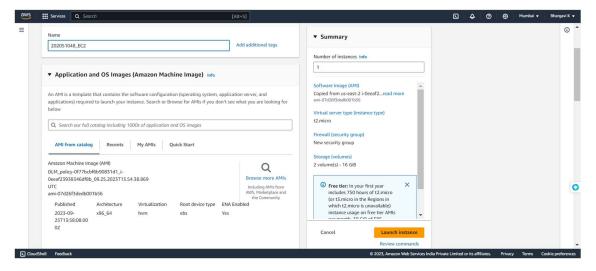




We can observe that after significant time an image due to the policy has been created in Mumbai region.



We now launch the instance with the created AMI.



We can see that the EC2 instance has been replicated with the volumes as similar to the EC2 instances in Ohio region.

