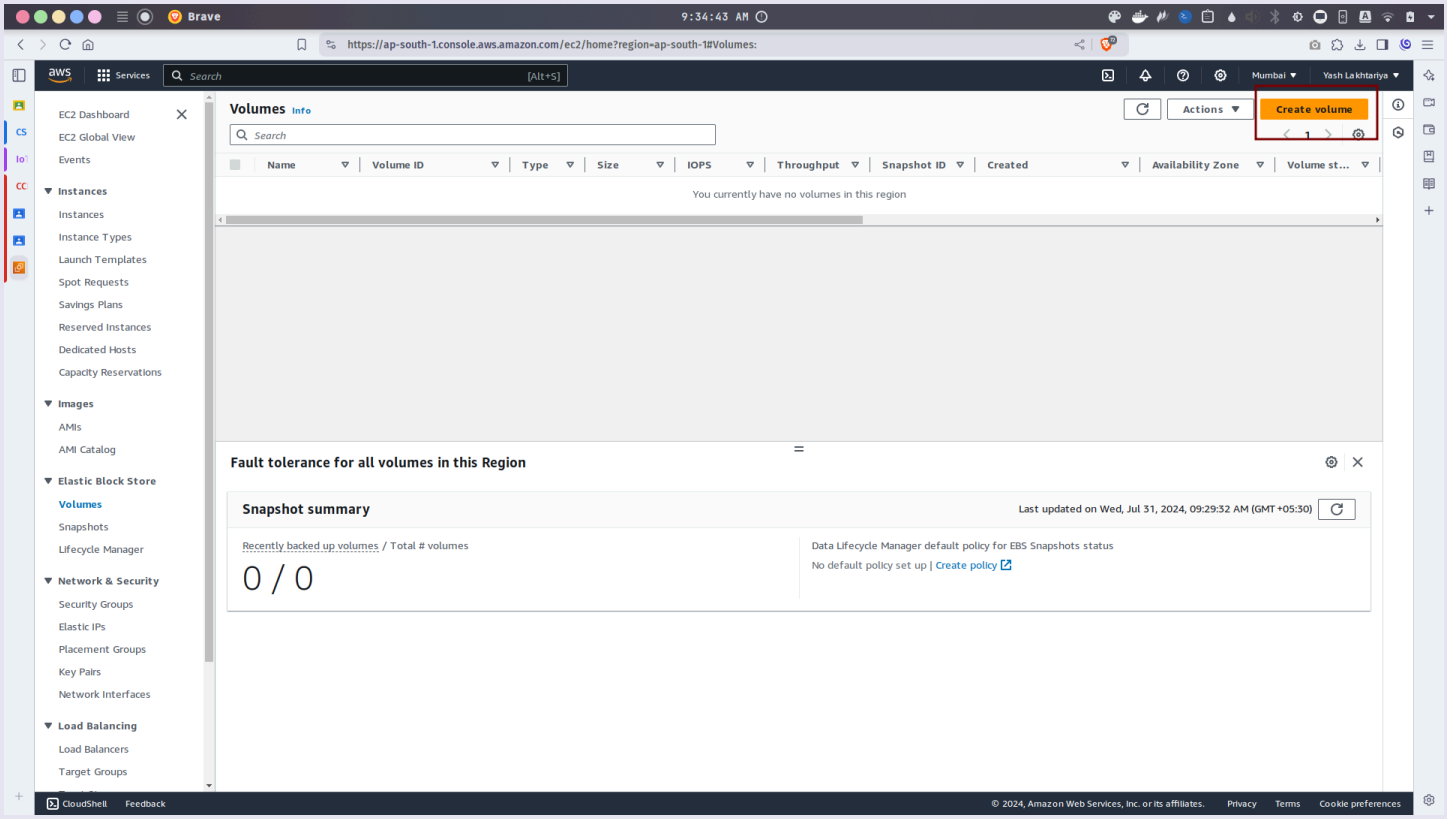
Name - Yash Lakhtariya
Enrollment number - 21162101012
Branch - CBA Batch - 71
CCE Practical 2

Scenario : Andi is an IT Administrator of Pixel group Pvt limited is organized and wants to be adopted as IAAS using AWS cloud solution. Their majority of clients are e-commerce and OTP service providers. Initially, they want to set up one virtual windows server using Amazon EC2 which can be resizable and provide compute capacity along with a web-scale cloud computing solution. Andi is planning to create IAAS as below for E-Commerce clients.

After 6-month Andi realized that they needed more cloud storage with an elastic, high performance block storage service. Design for EC2 machine due you to increase web traffic on their e-commerce client.

- **Create an Amazon EBS volume**



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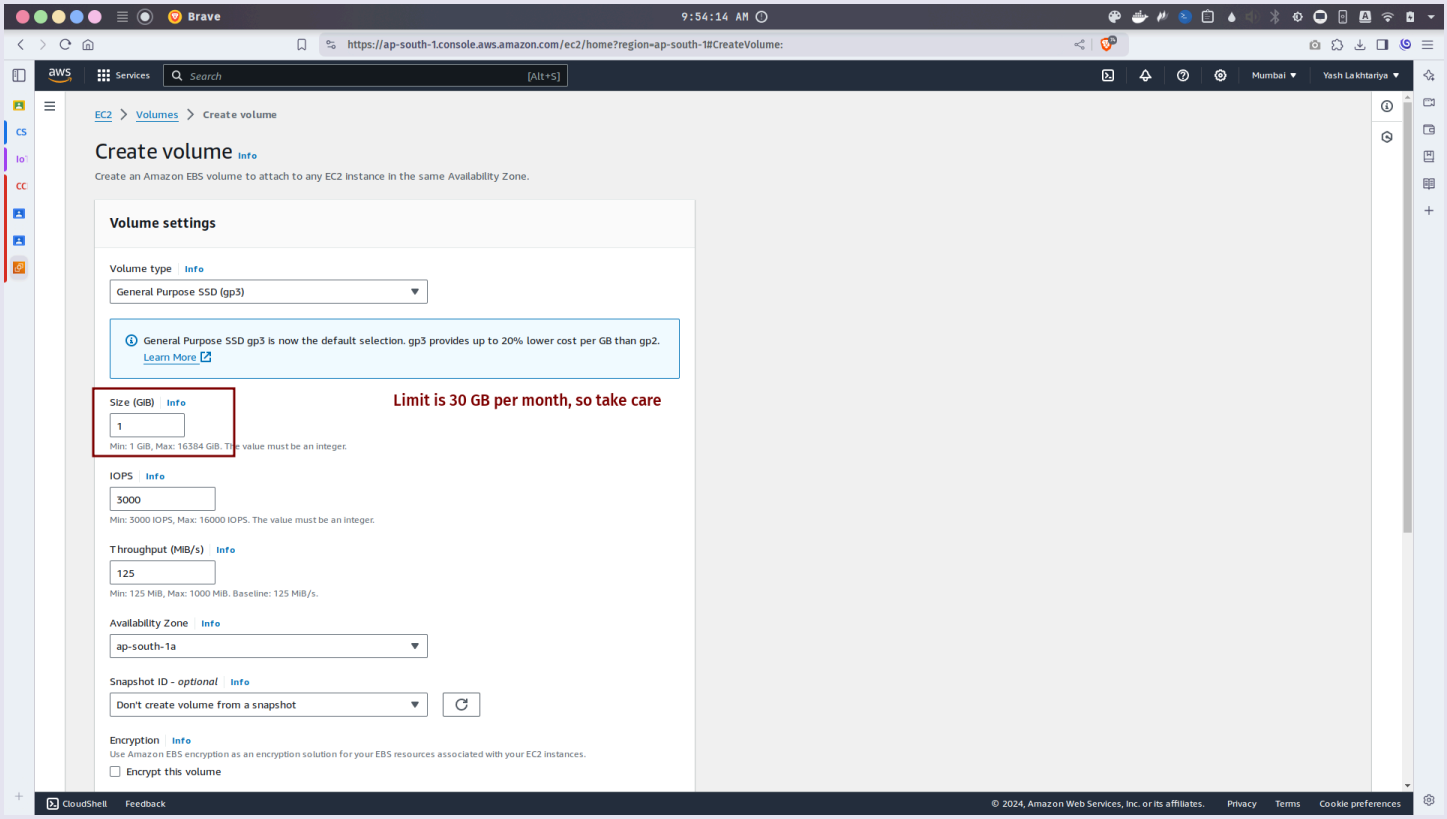

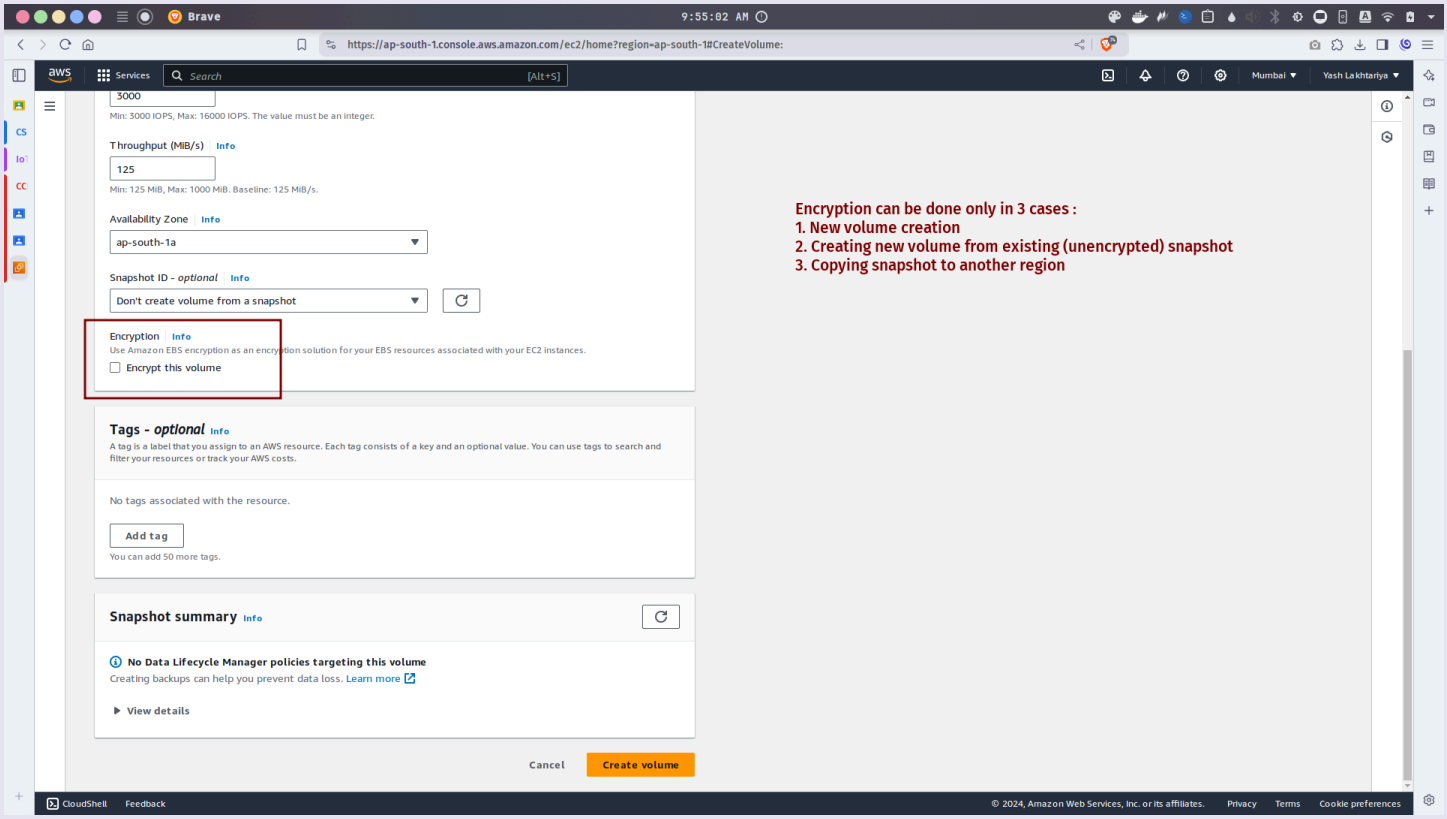

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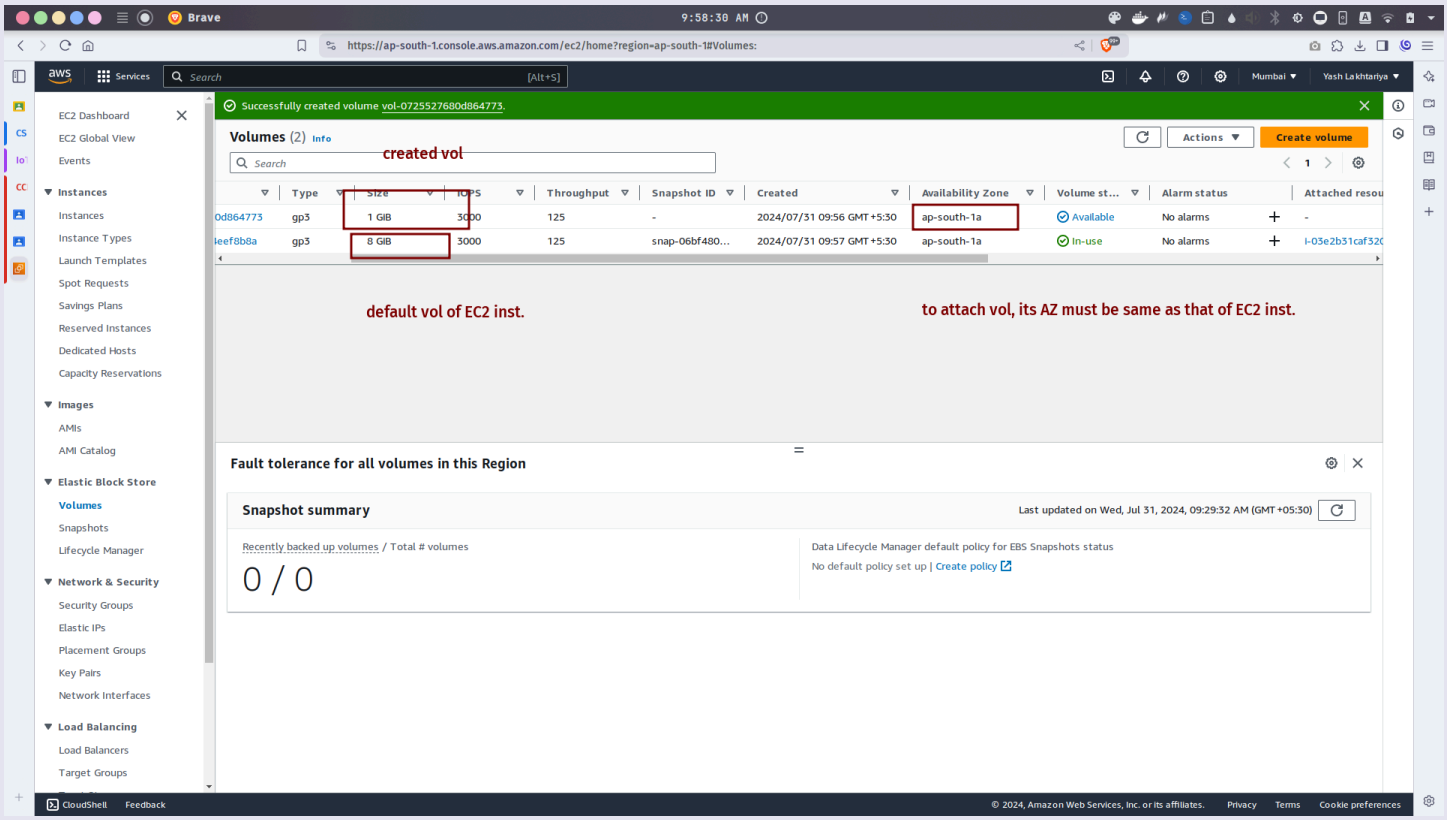
- **Attach and mount your volume to an EC2 instance**



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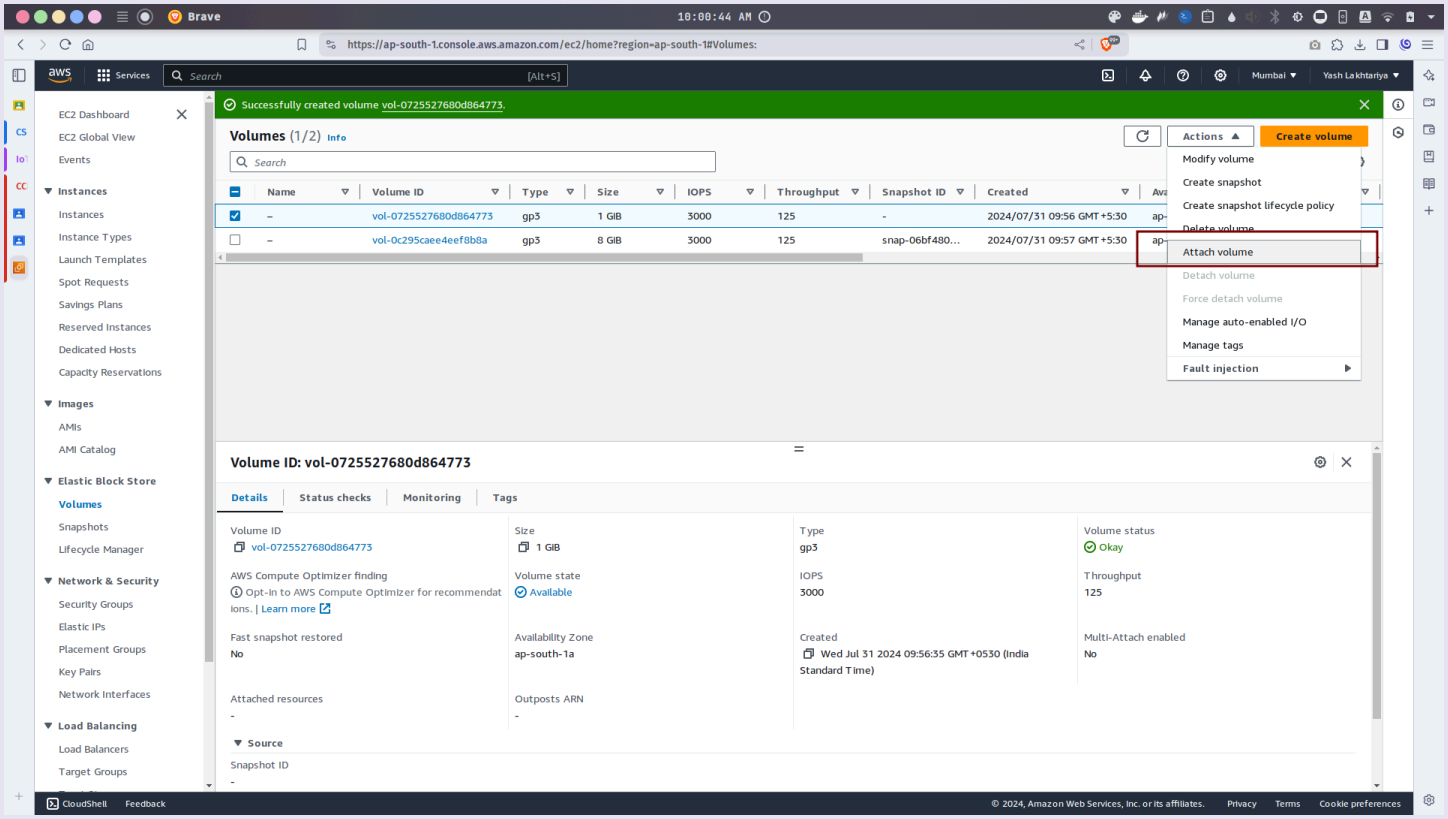

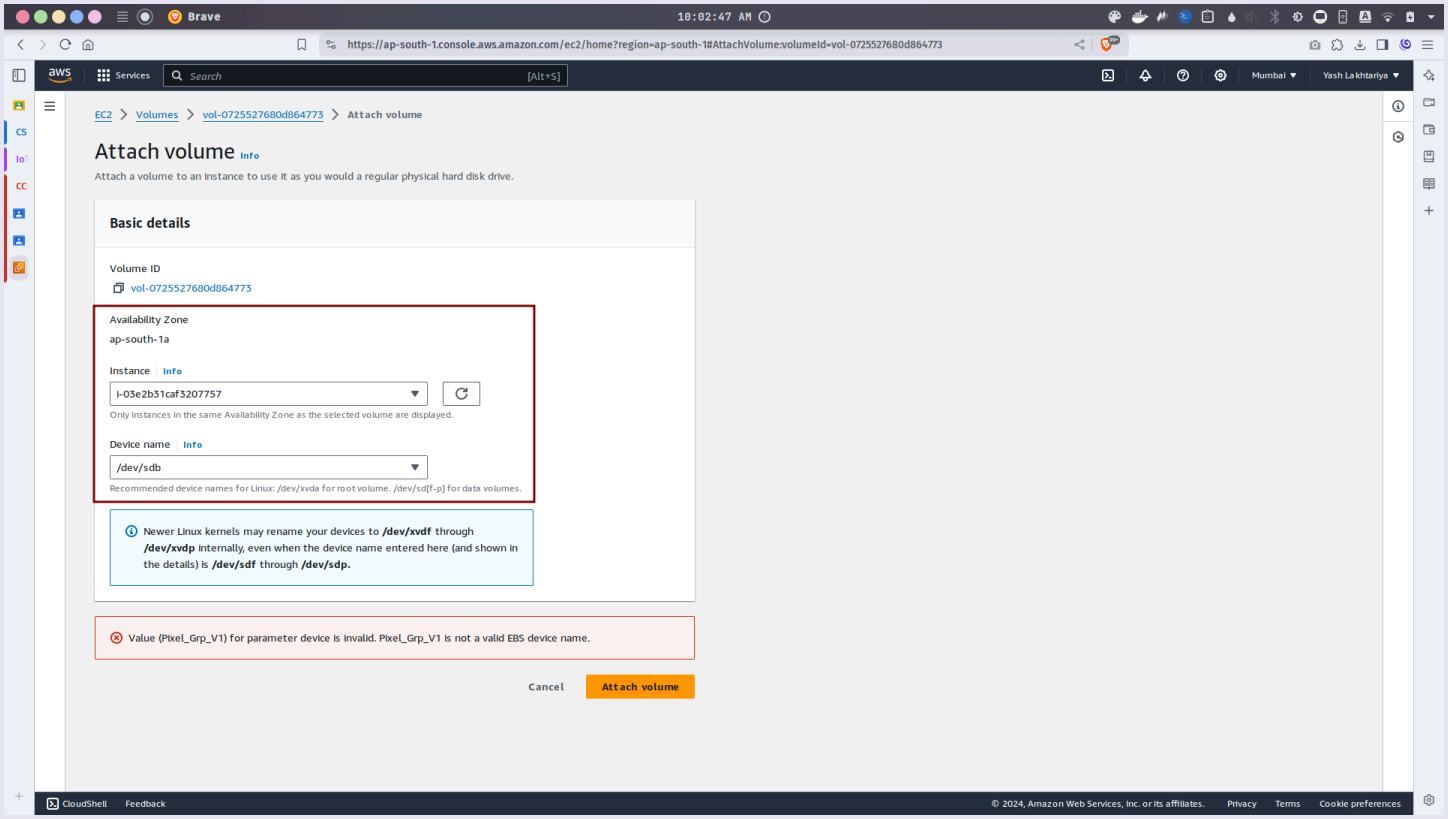

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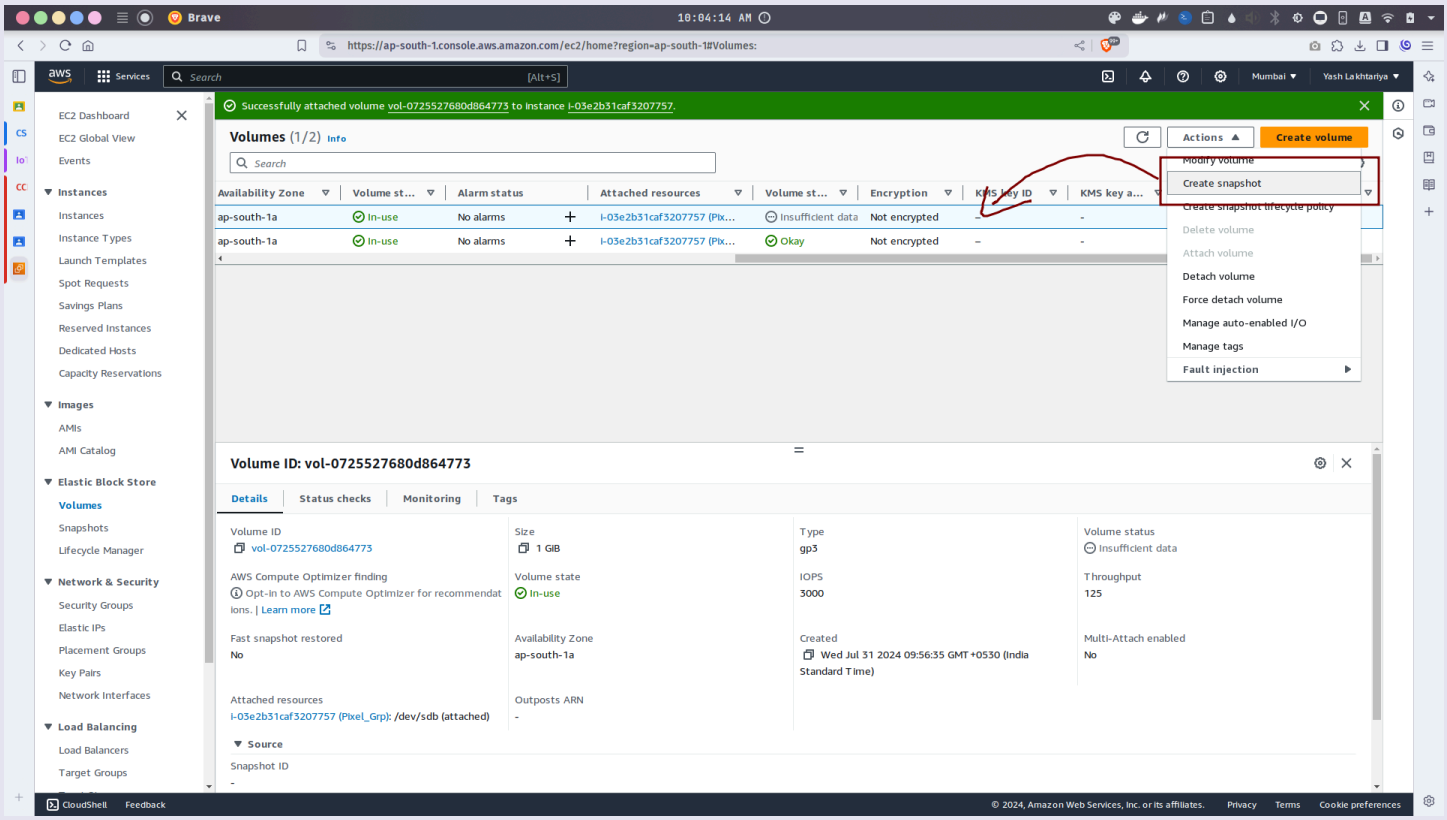
- **Create a snapshot of your volume**



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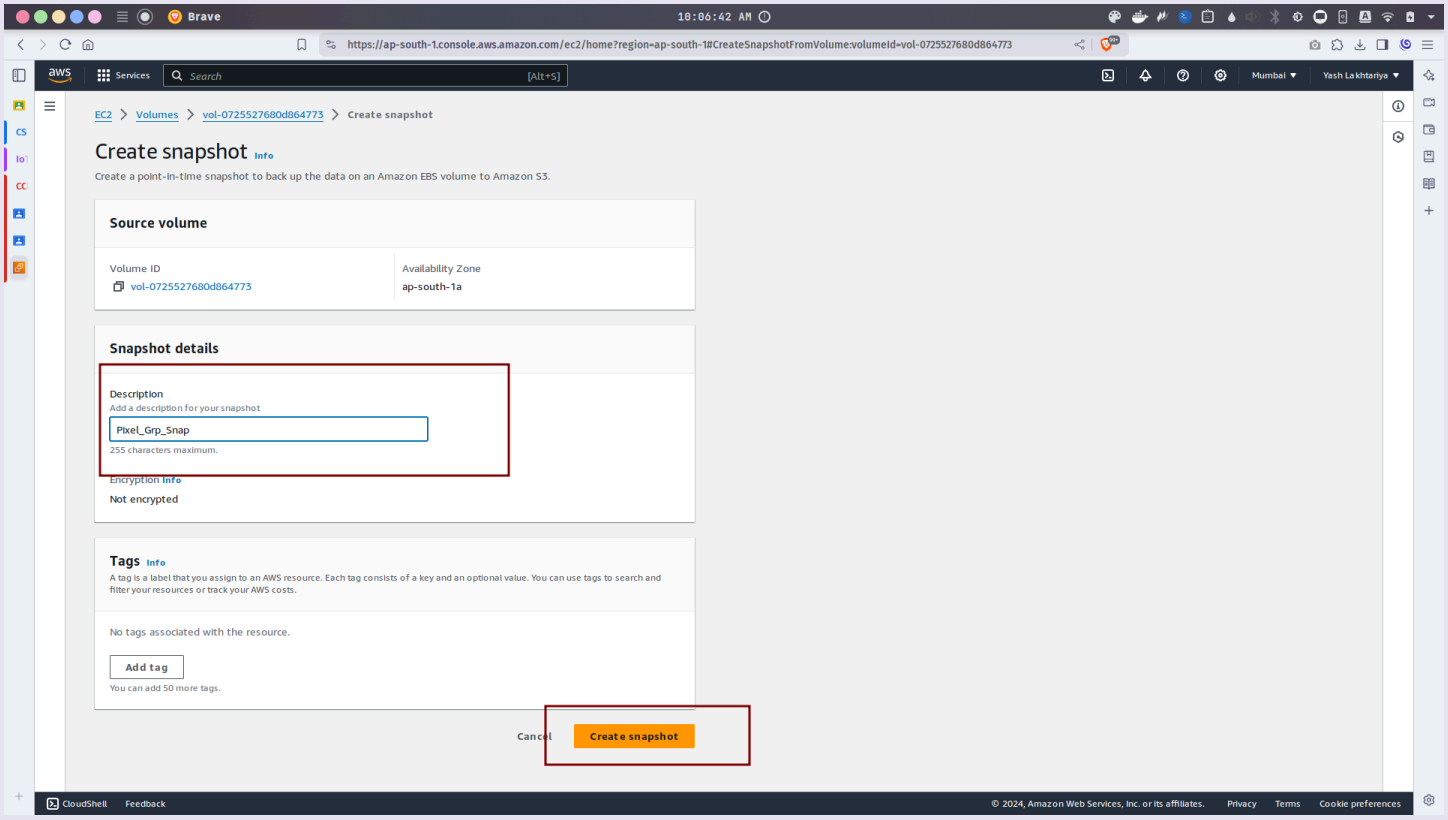

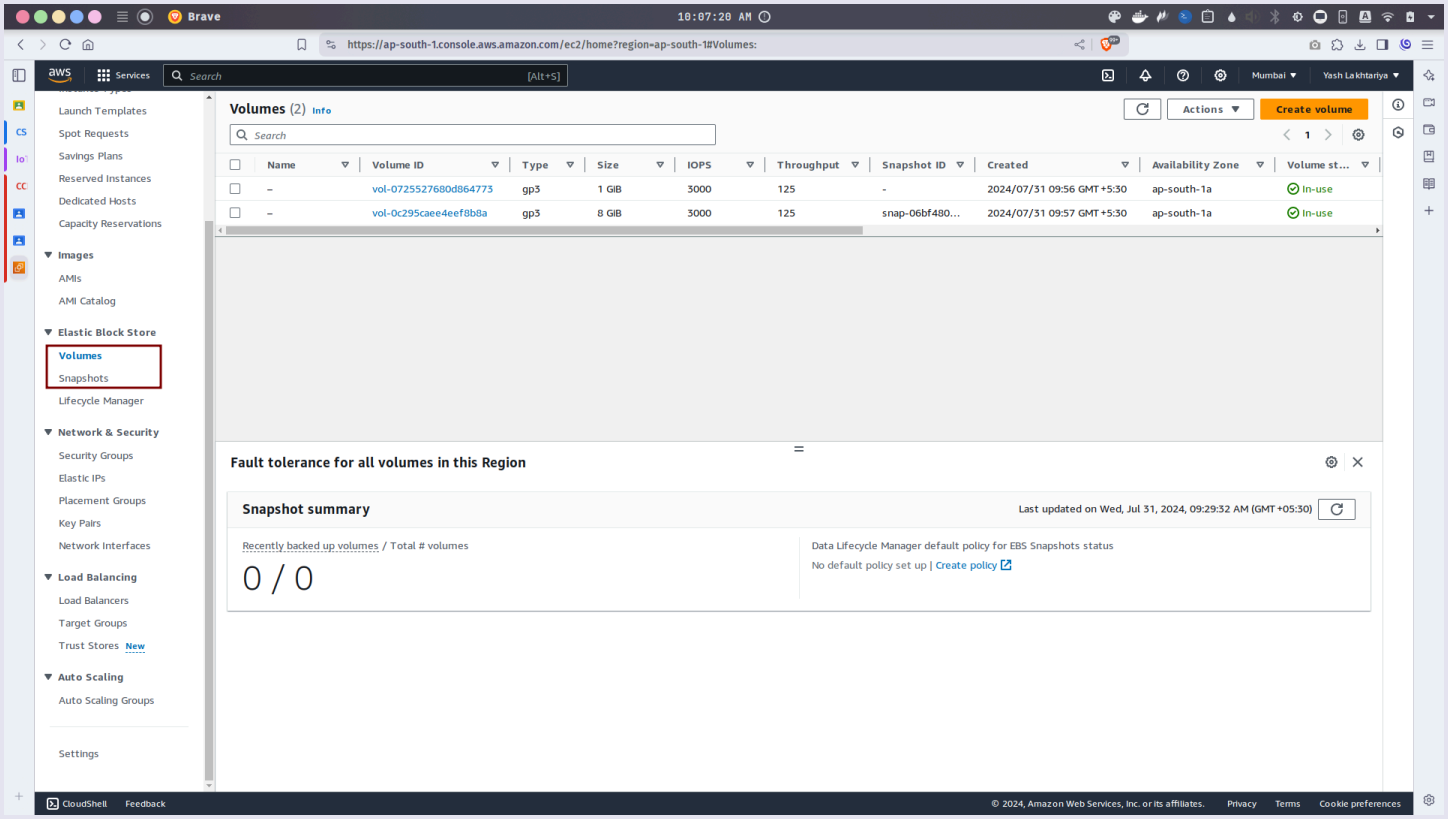

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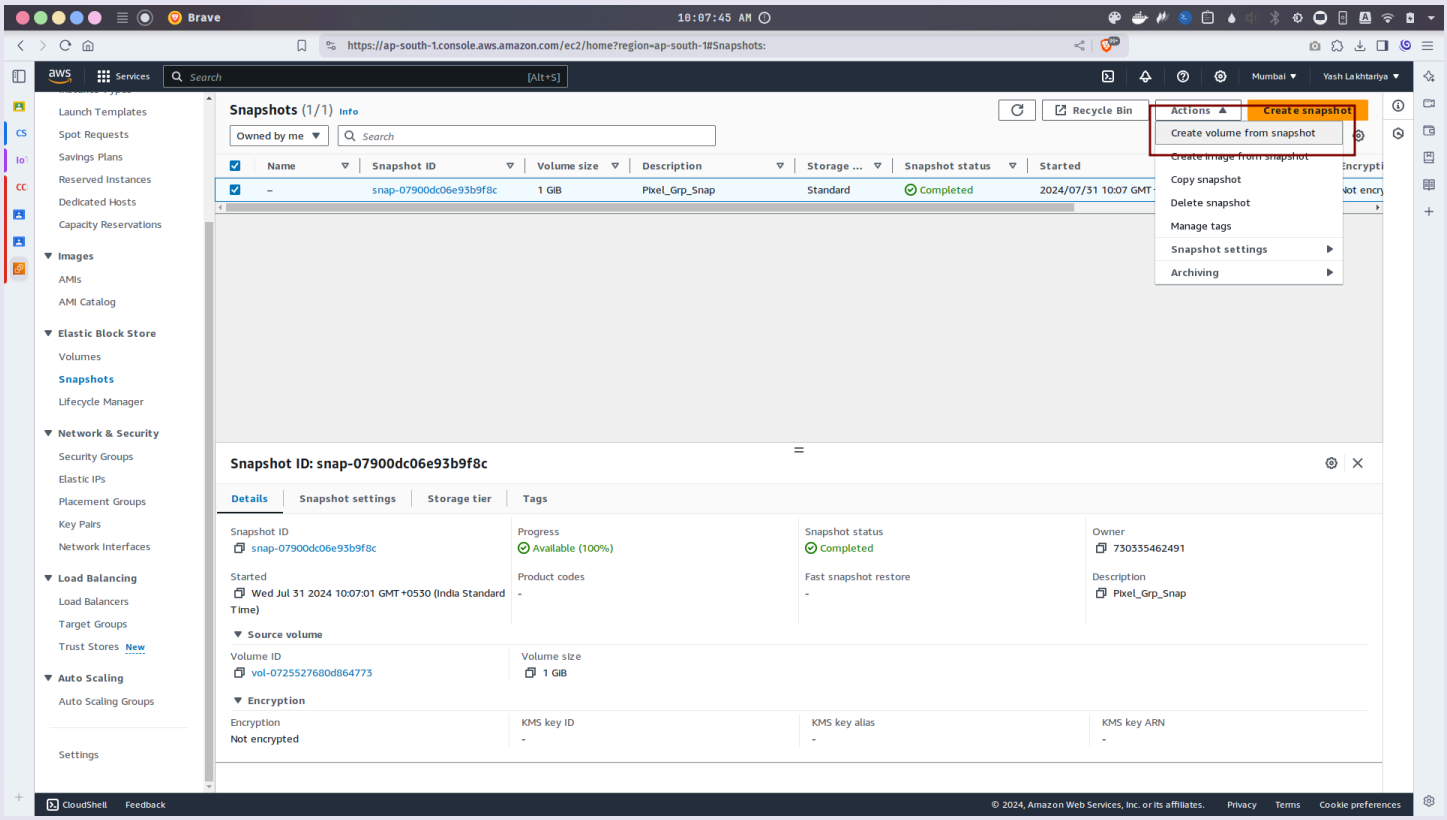
- **Create a new volume from your snapshot**



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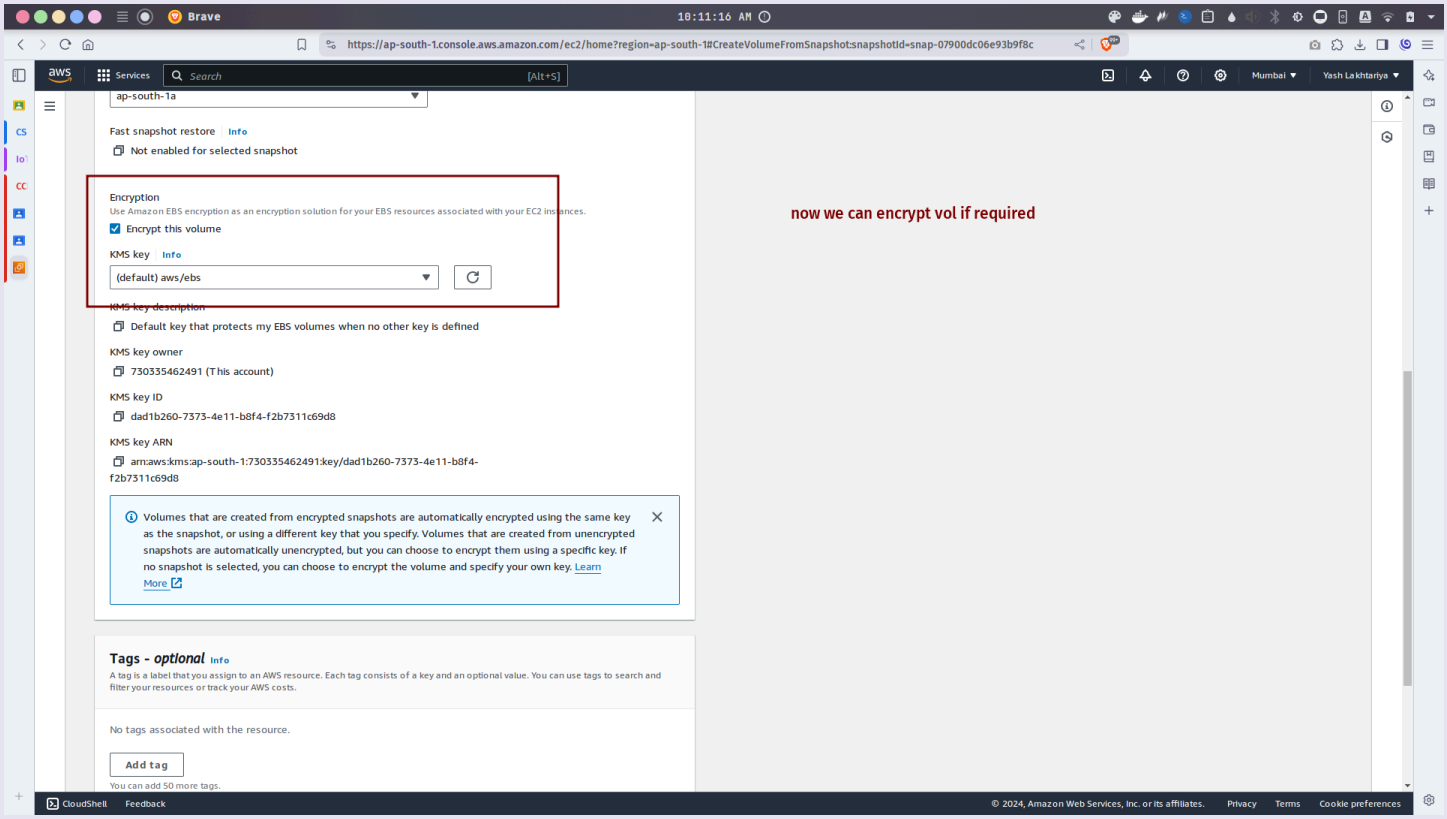

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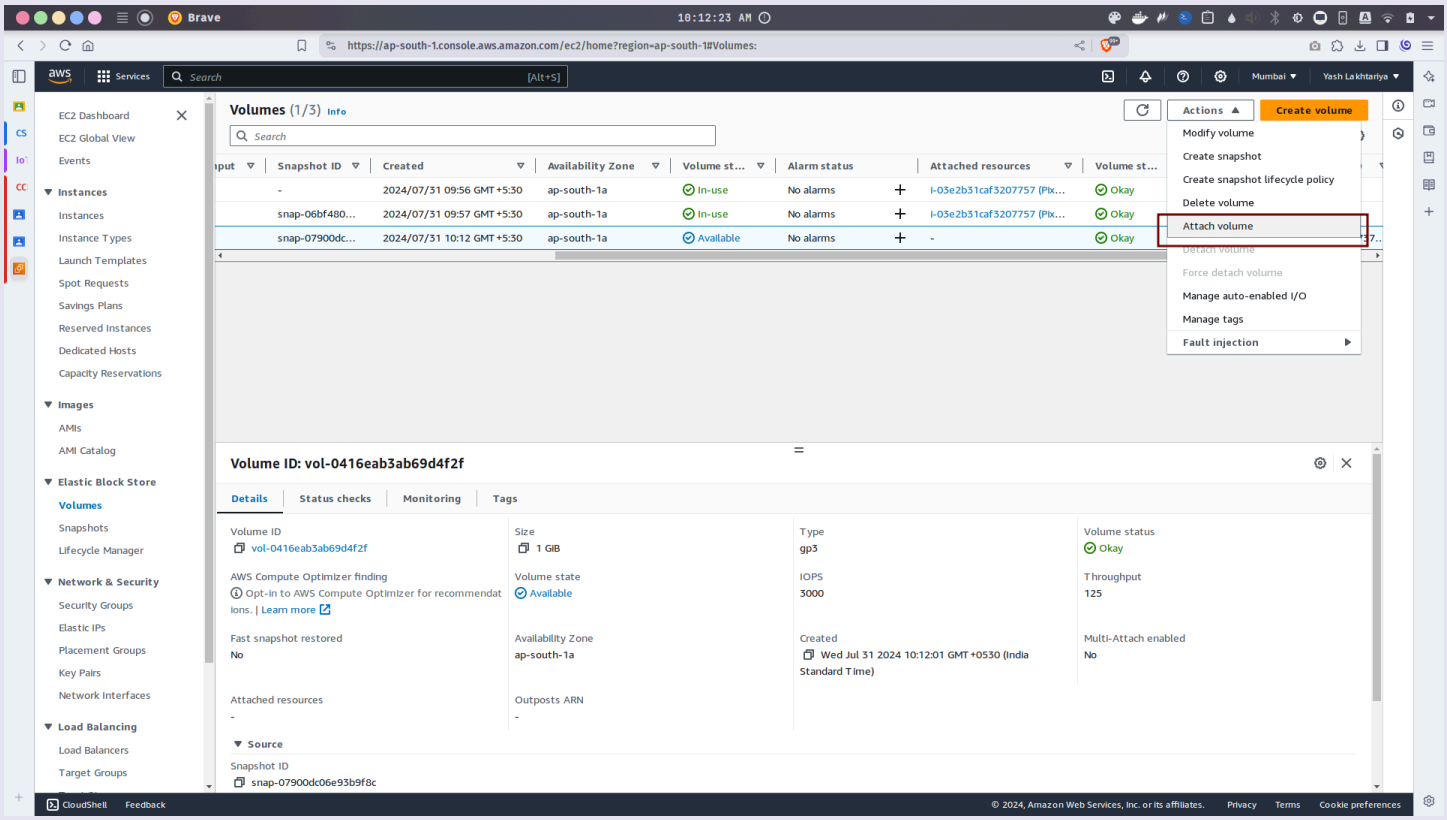
- **Attach and mount the new volume to your EC2 instance**



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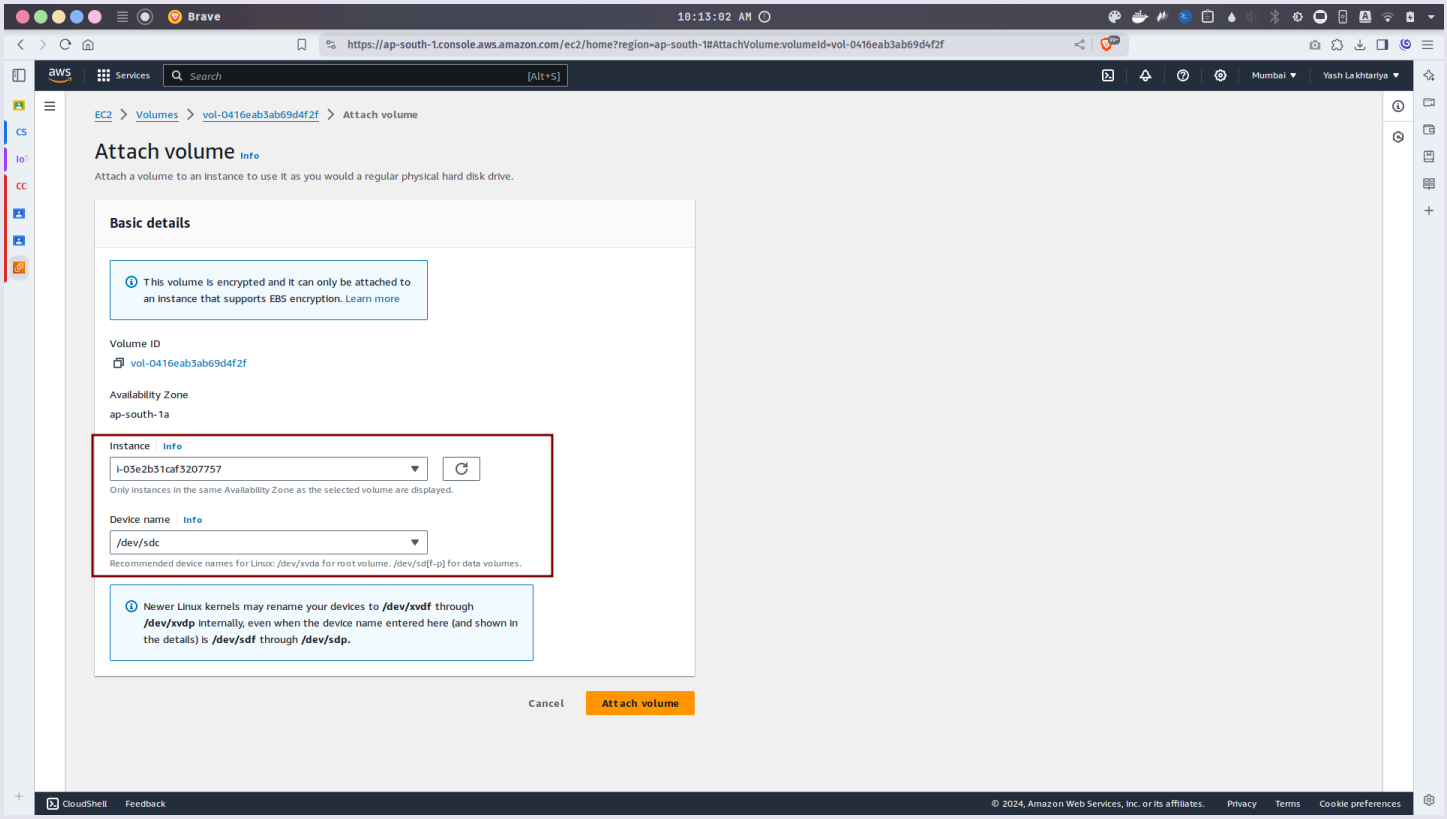

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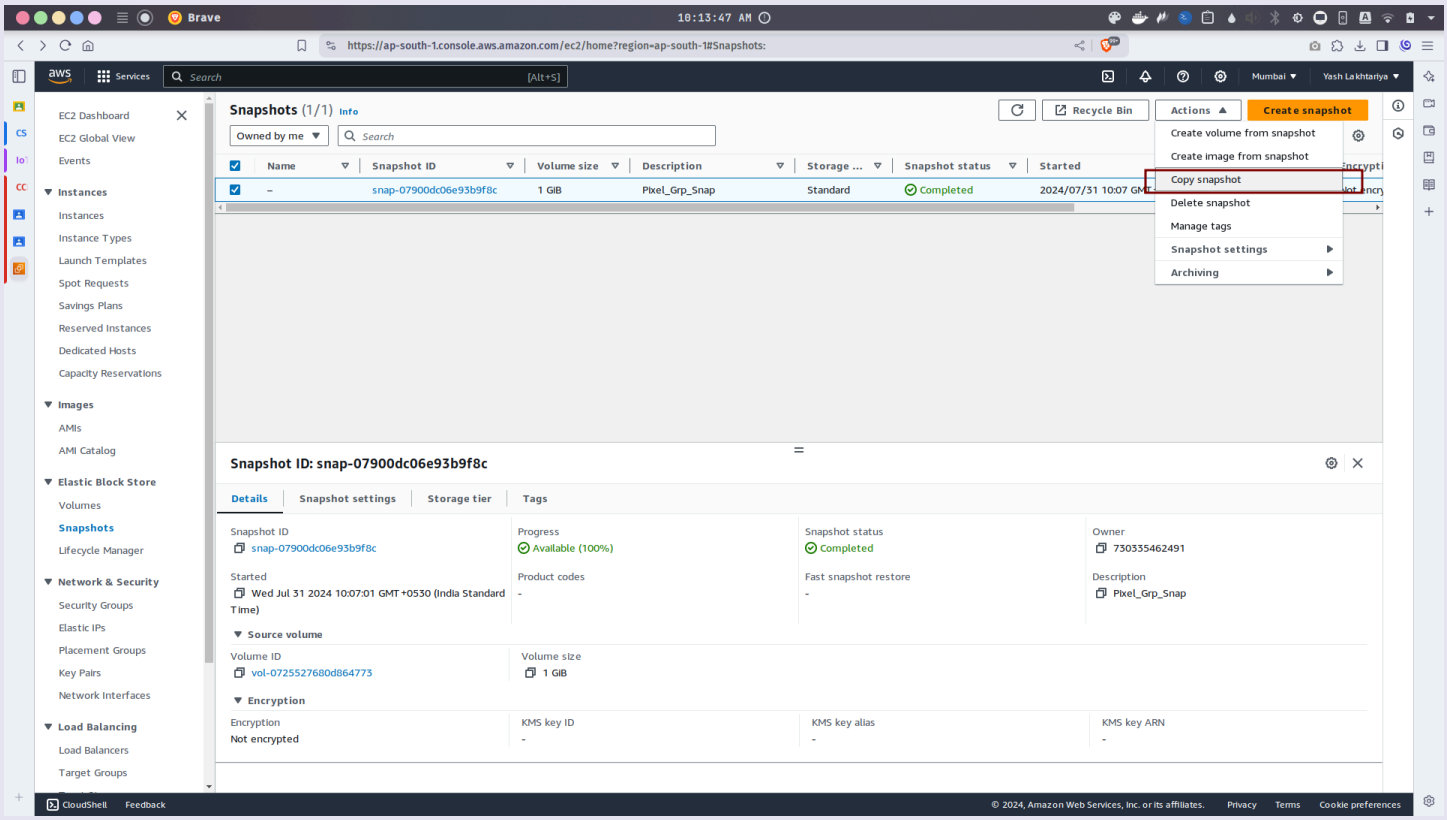
- **Copy the snapshot to another region.**



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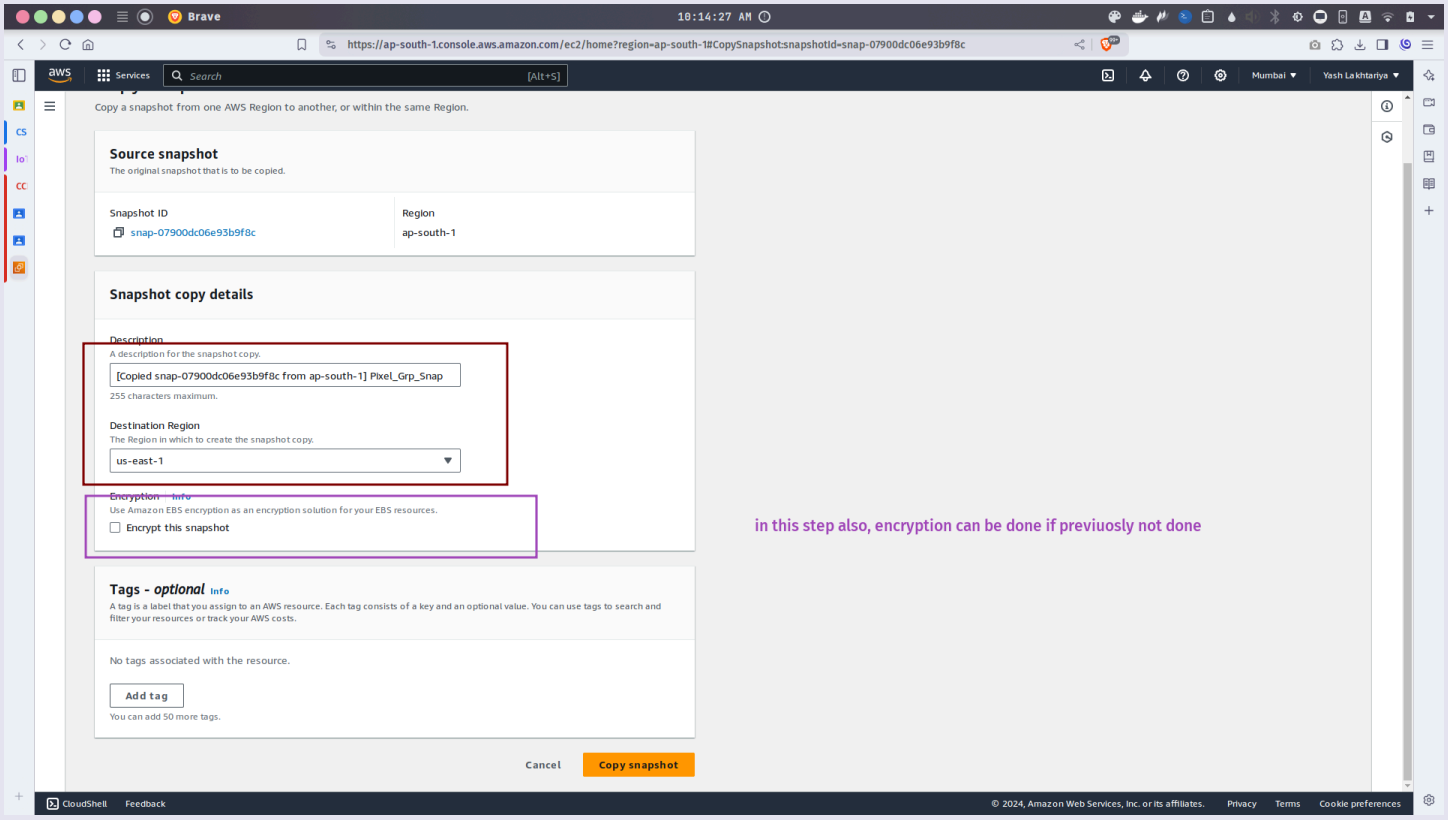
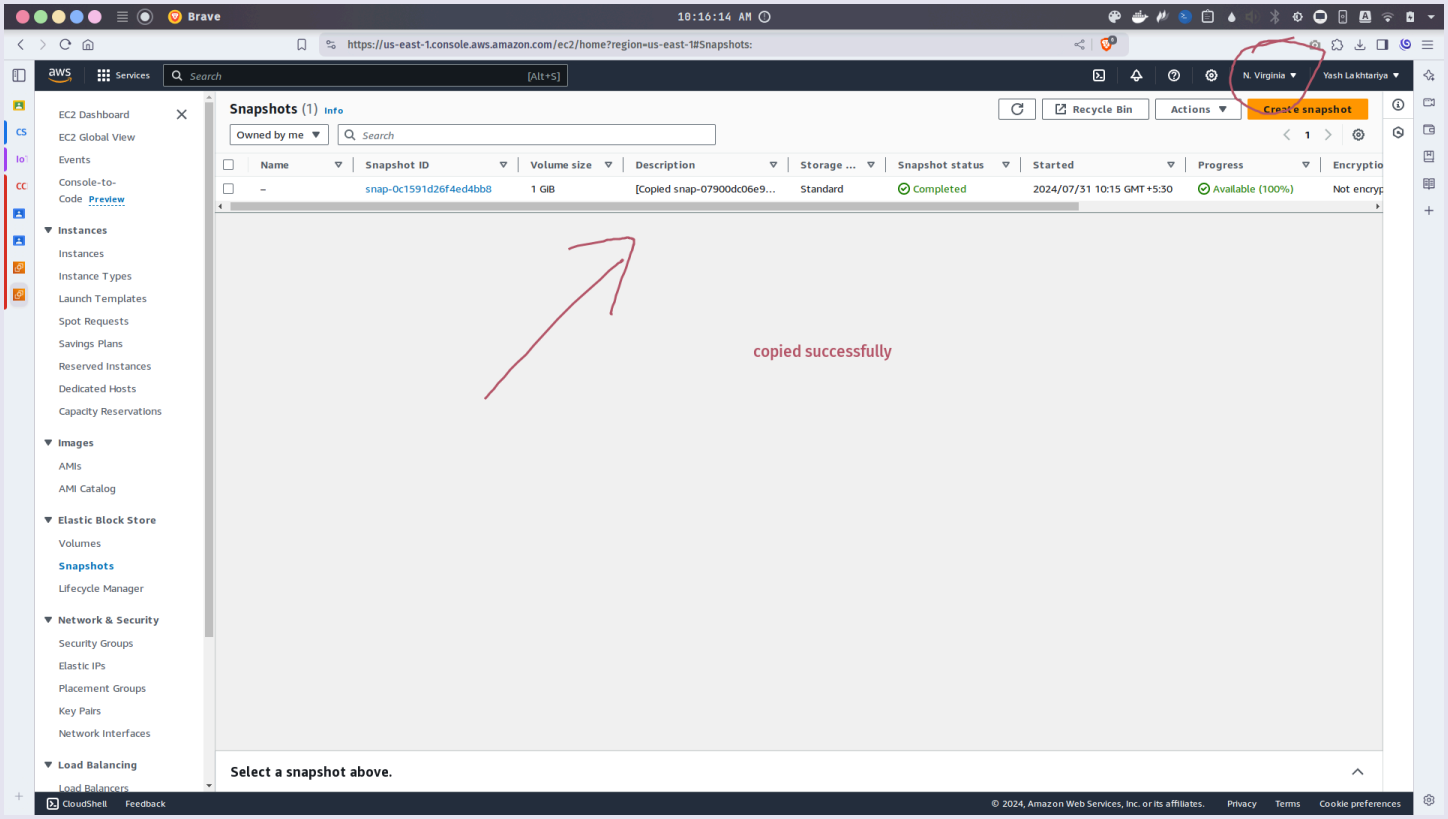


in this step also, encryption can be done if previuosly not done



copied successfully

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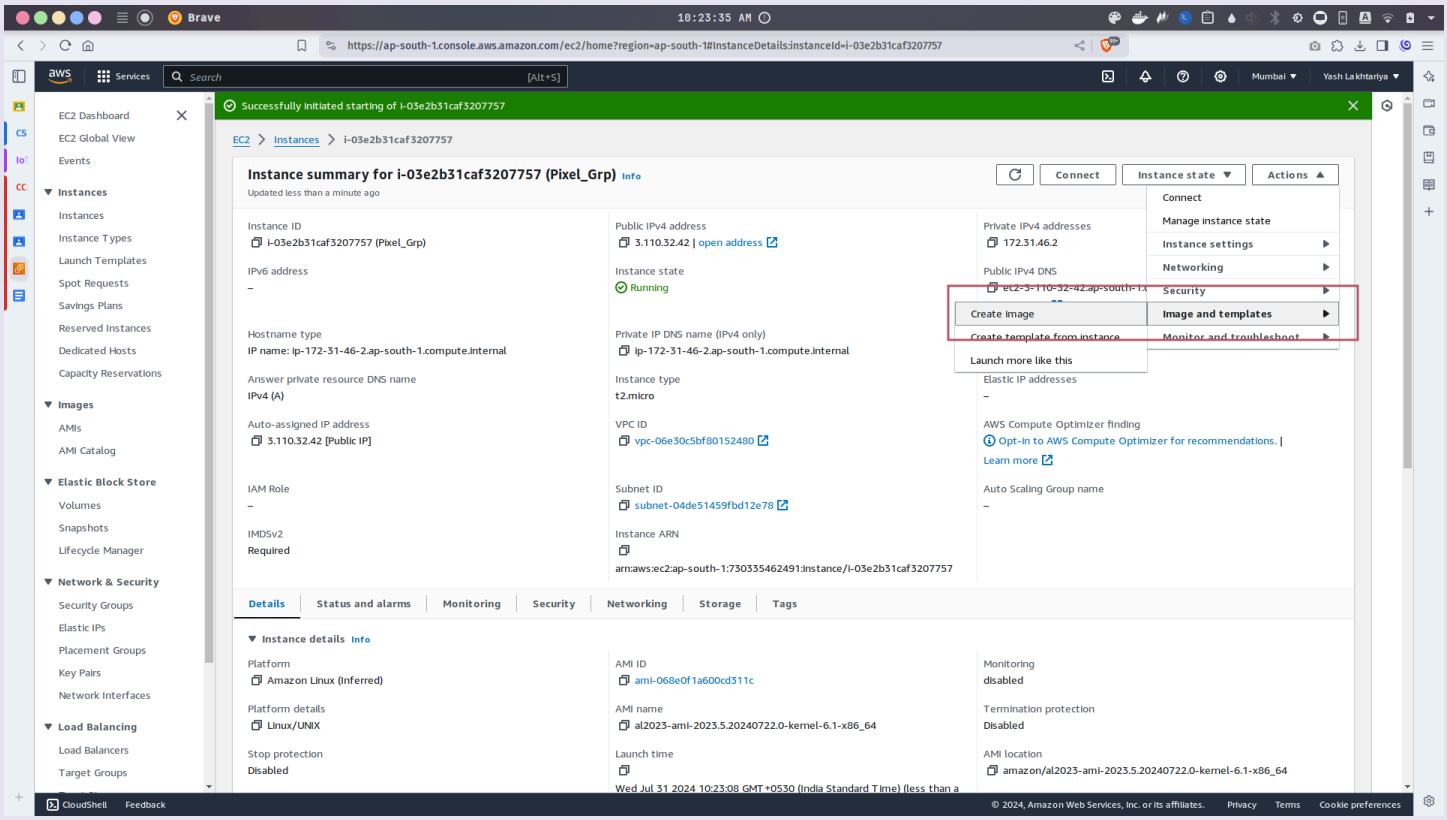
- **How to create AMI from EC2**



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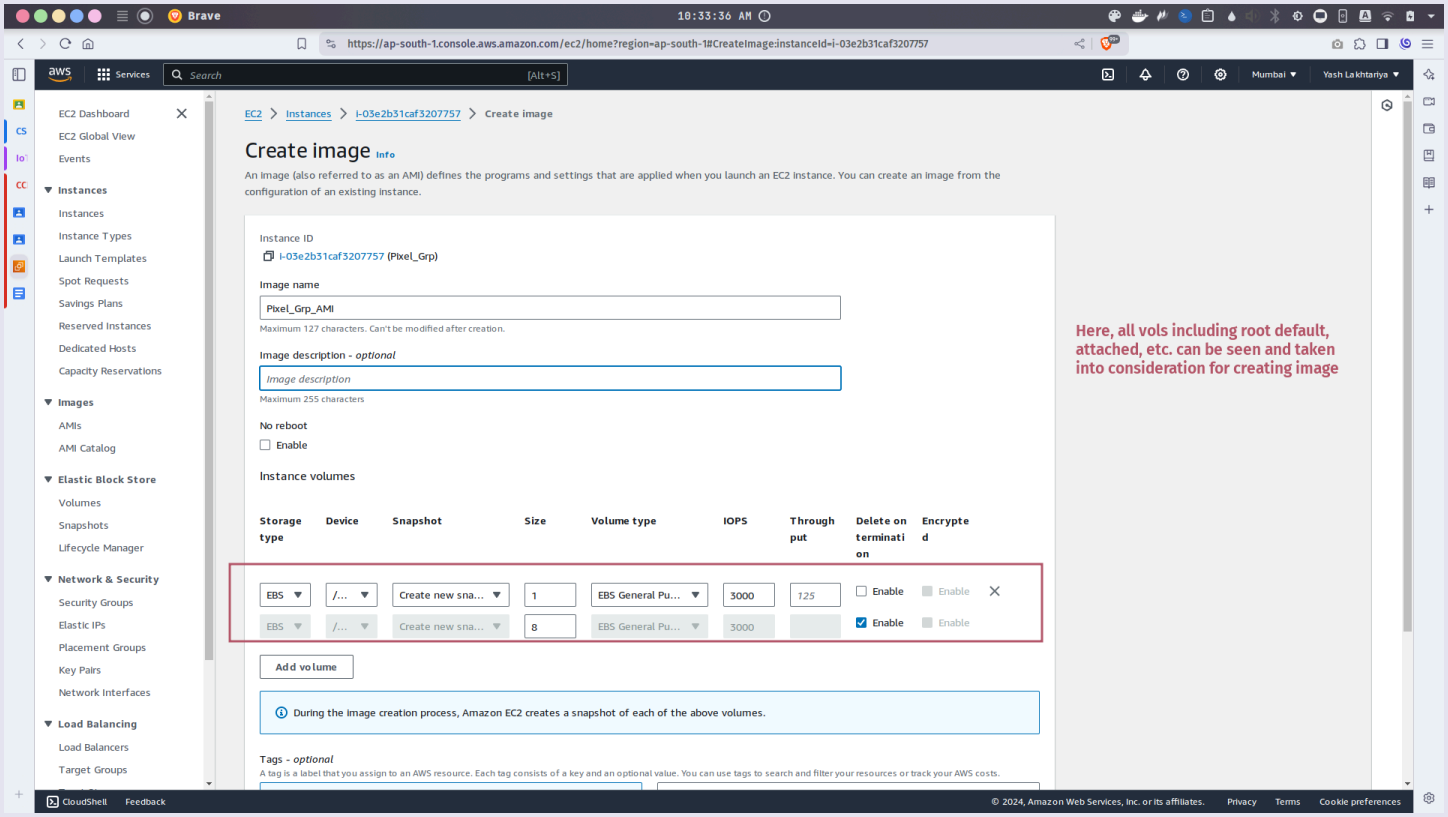

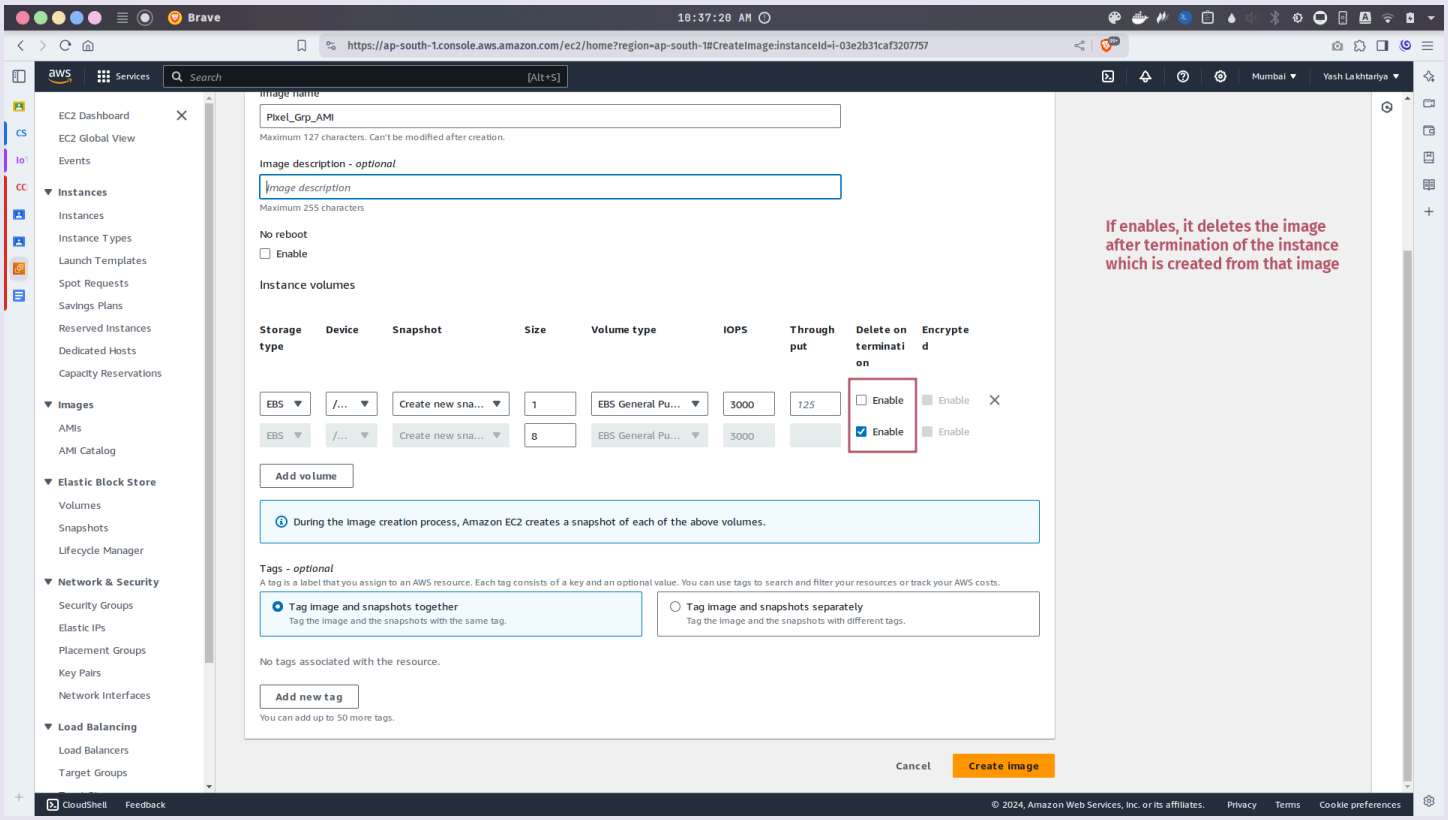

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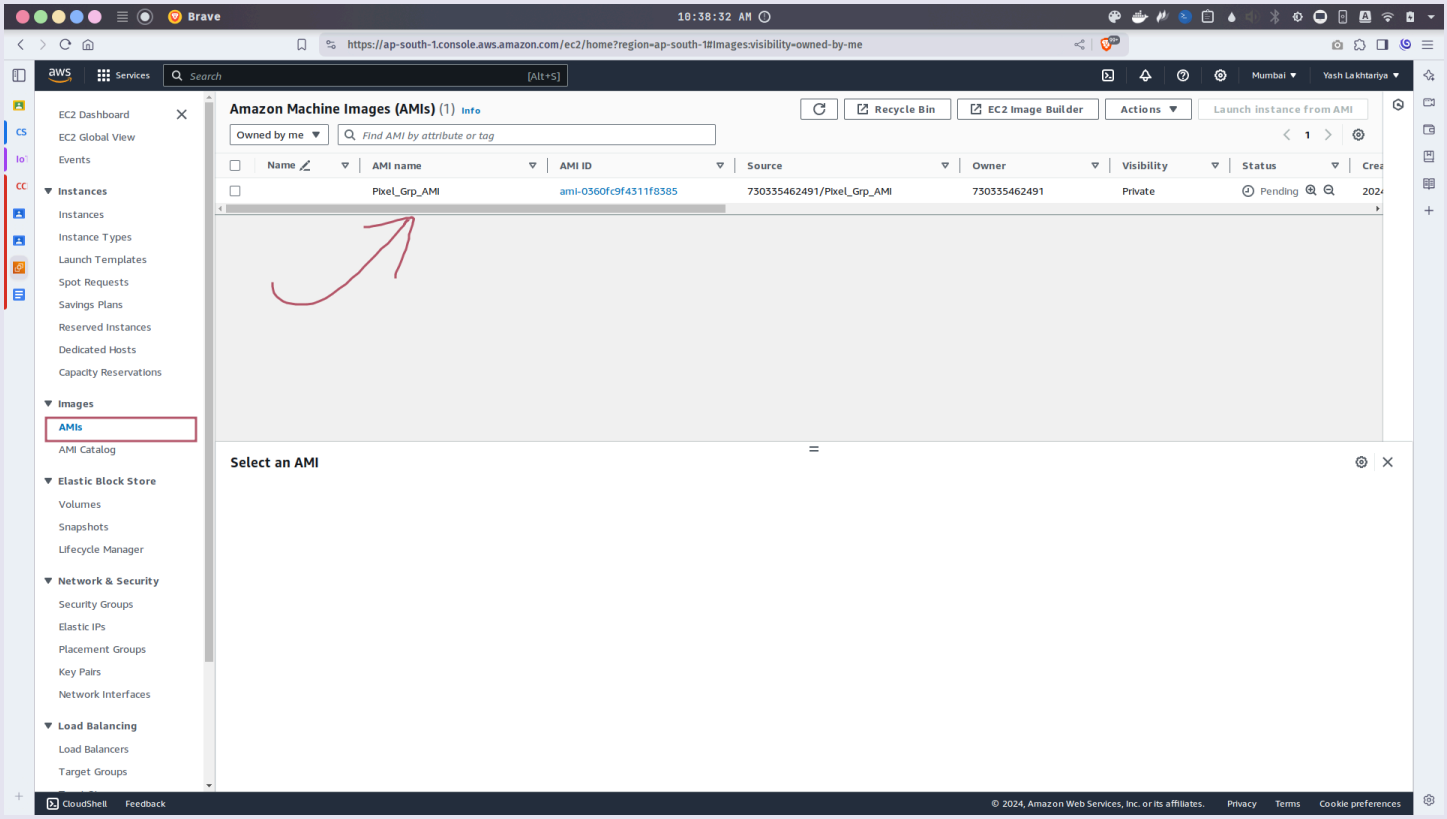

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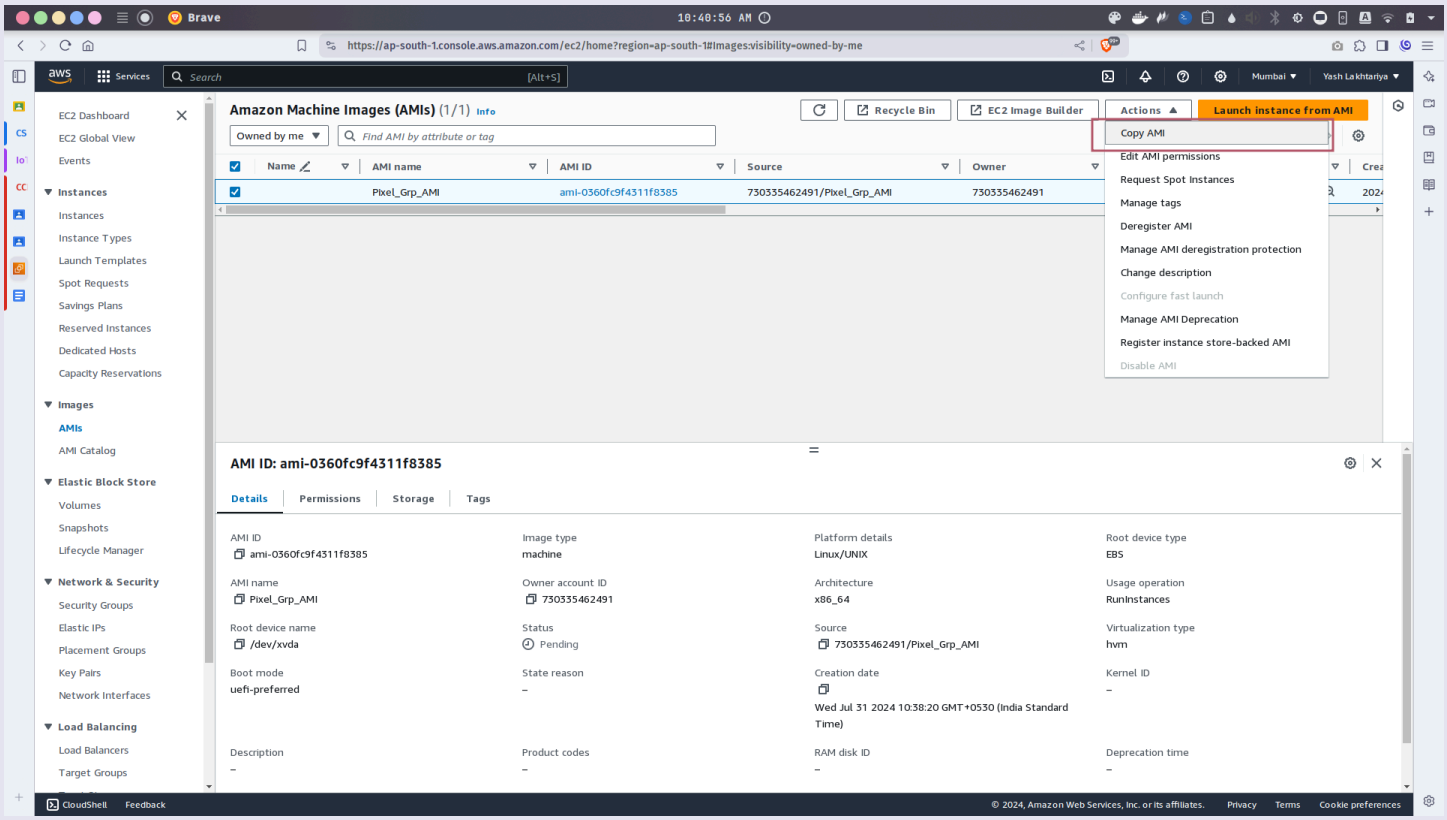
- **How to copy AMI into another Account and Recreate EC2**



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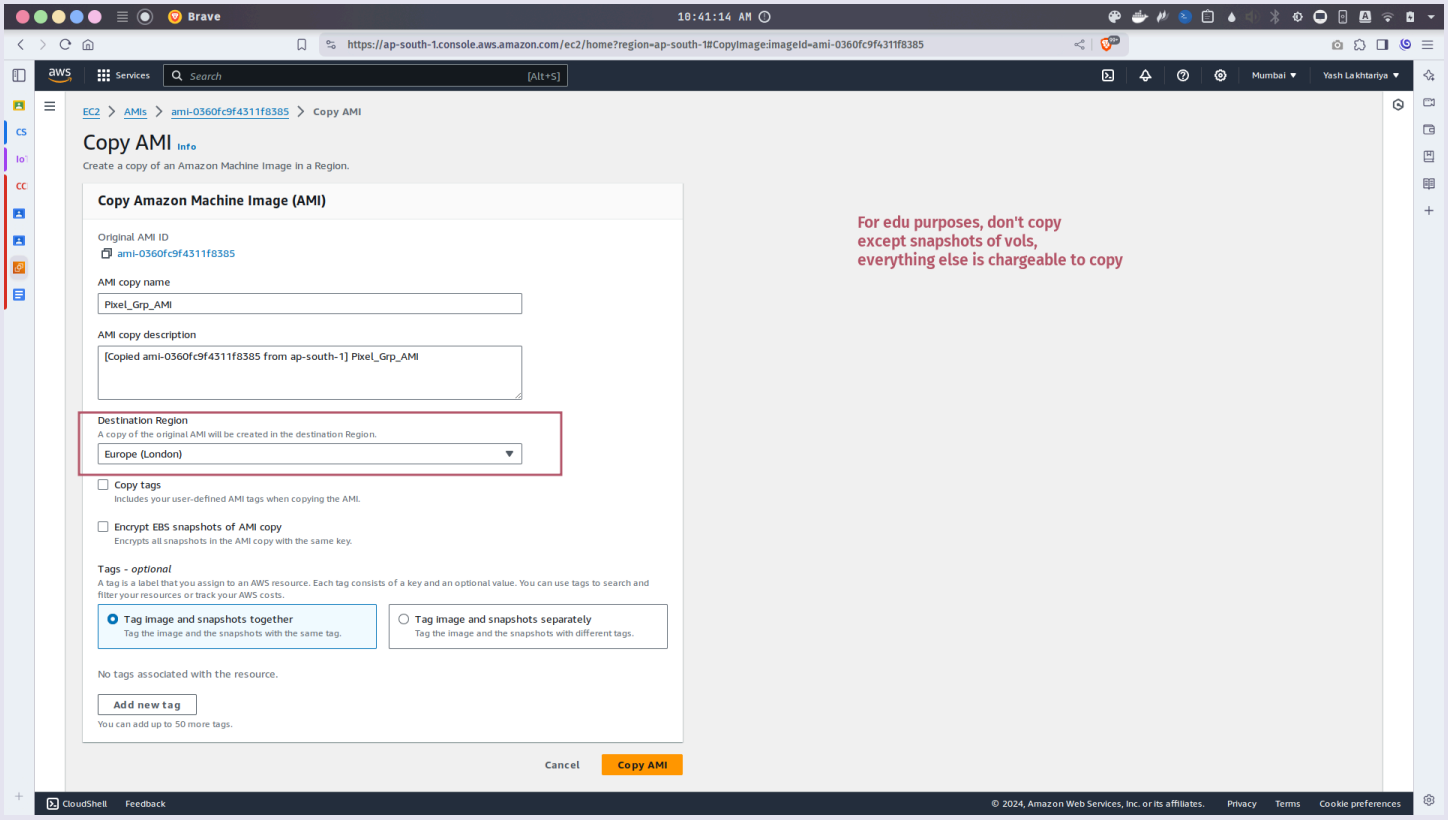

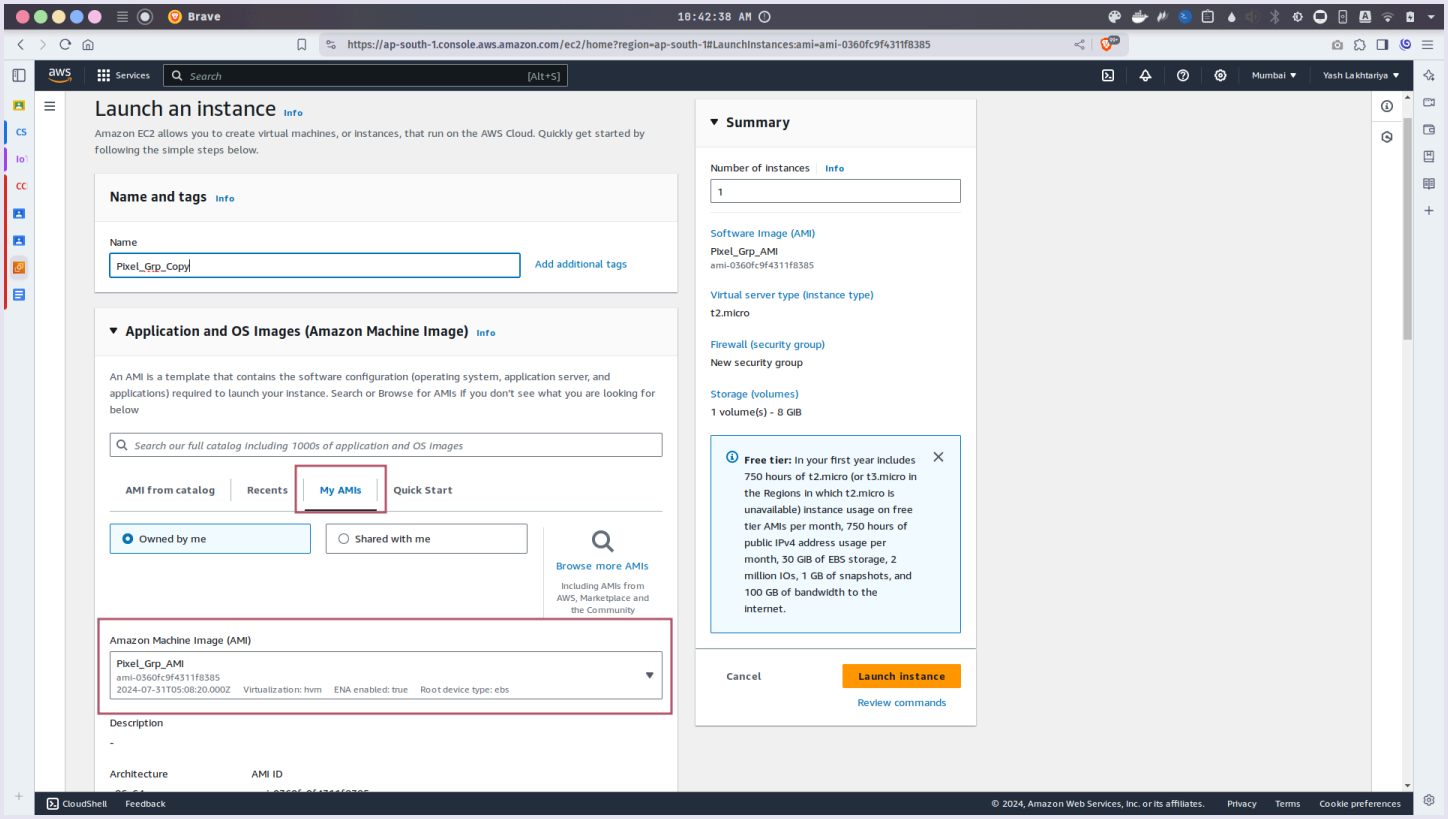

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- **How to Attach Root Volume with another EC2 Instance**

It can be done by : creating new vol from copied snapshot to another region and creating new instance from AMI in that region and attaching both