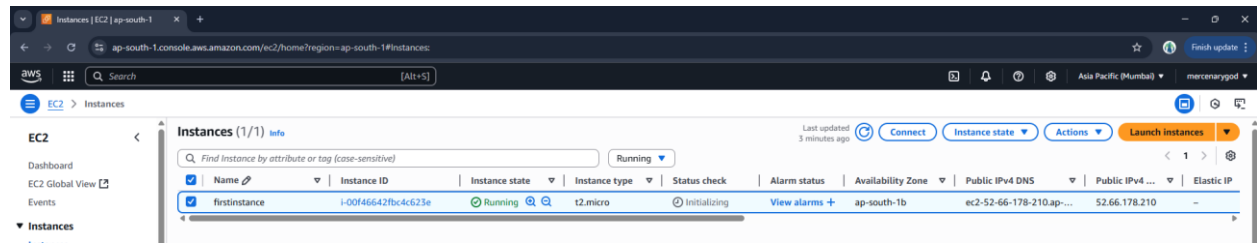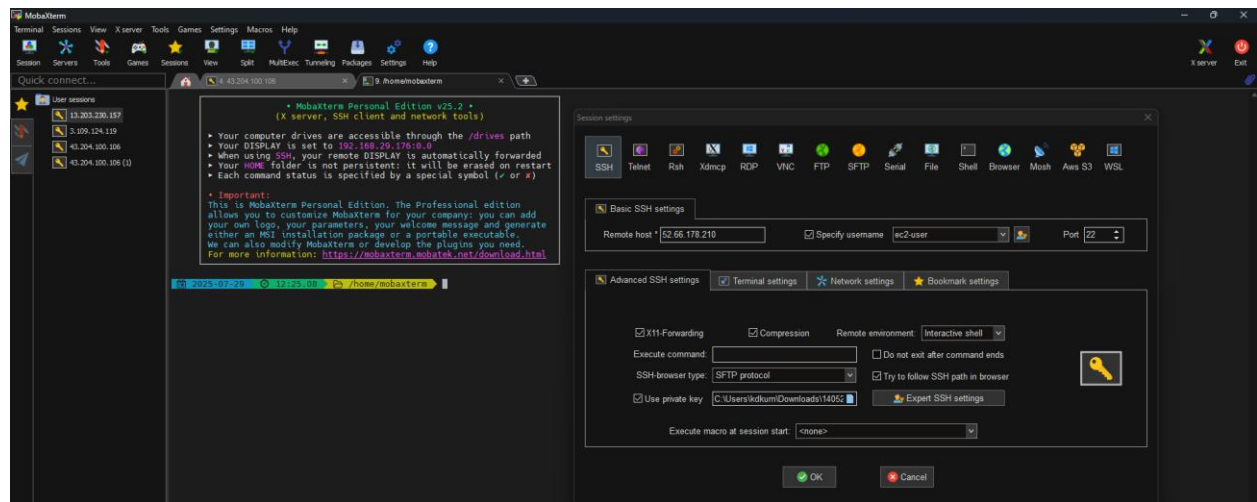# Documentaion

on

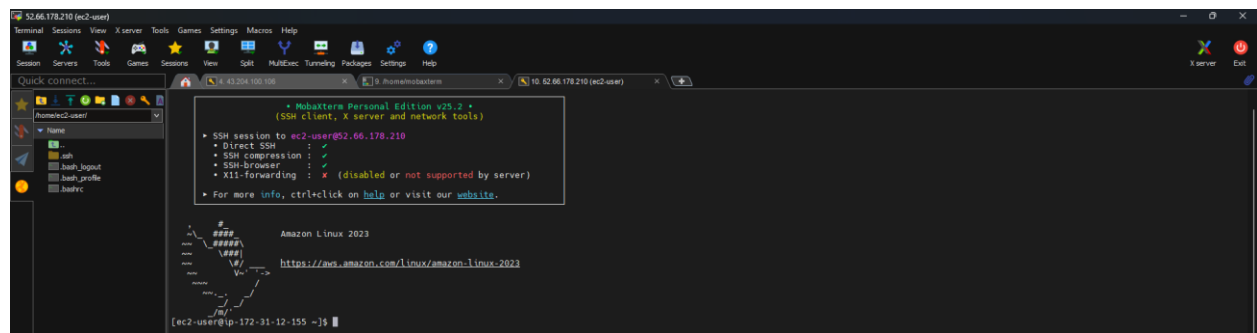## Disaster Recovery (DR) – EC2 Backup & Restore

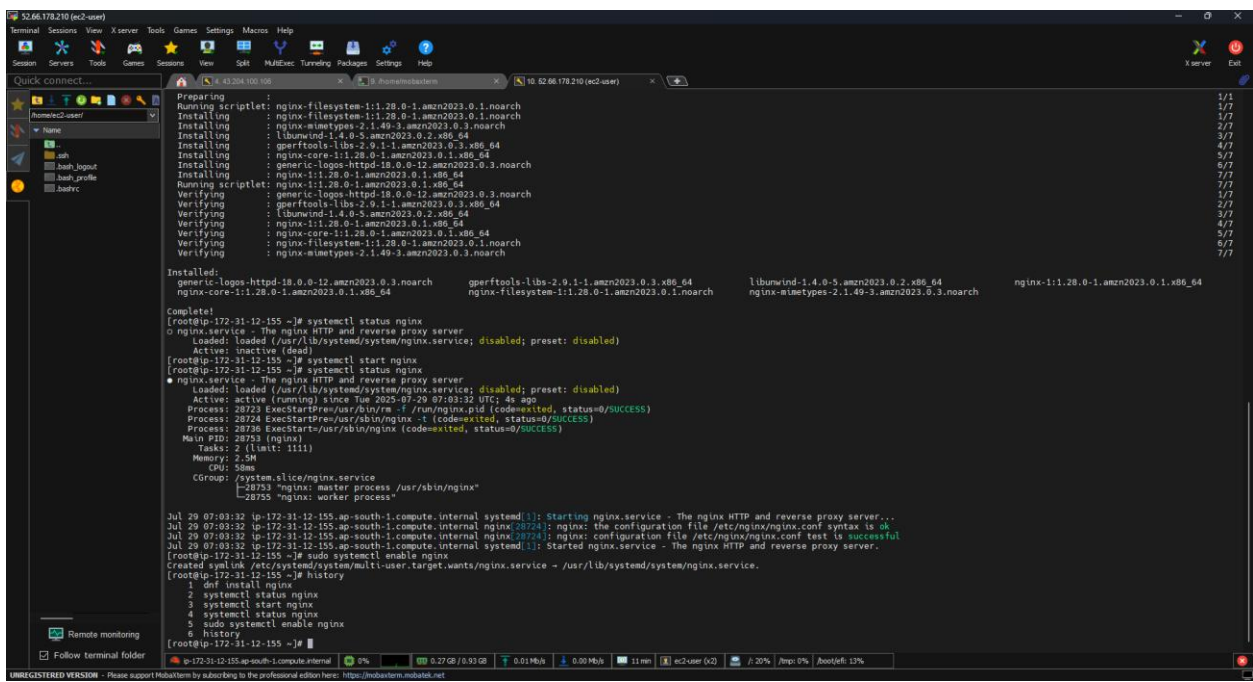**Created an Ec2 Instance with Amazon Linux Image**

Connected to the Machine using private key with ec2-user in MobaXterm_Personal_25.2

Logged in to the machine using private key

Installed nginx using commands :

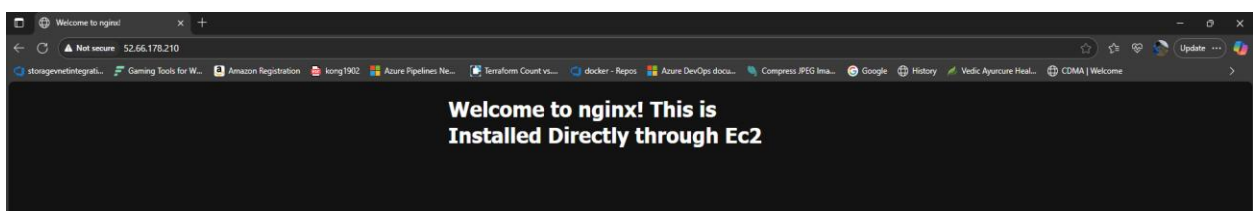## Sucessfully running Nginx
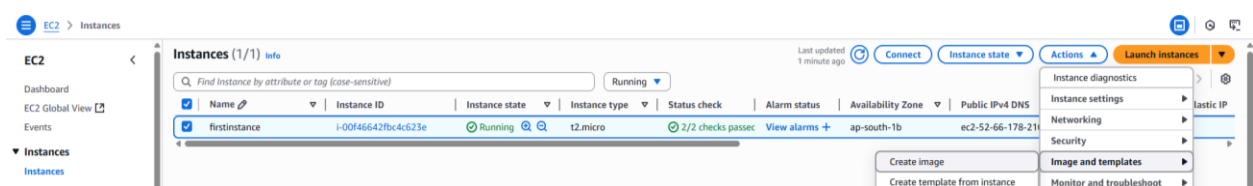
Commands used :

1. sudo -i   # Become root

2. dnf update -y   # Update repos

3. dnf install nginx -y   # Install NGINX

4. systemctl start nginx   # Start NGINX service

5. systemctl status nginx   # Check NGINX is running

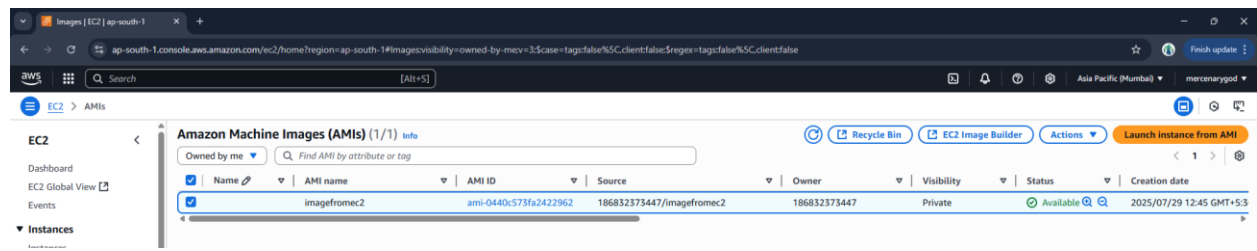6. systemctl enable nginx   # Enable auto-start on boot

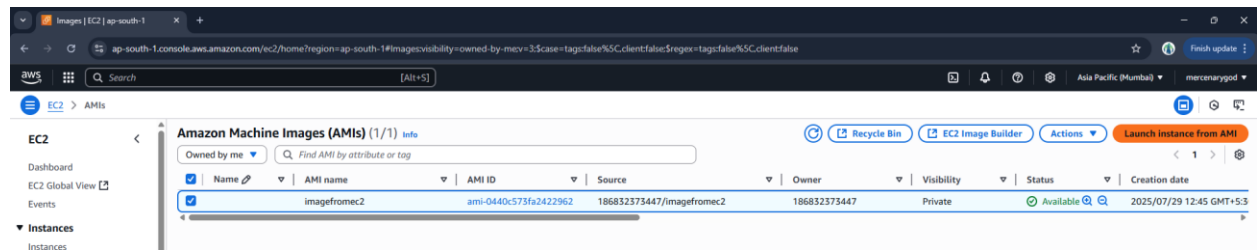## Nginx is accessible through browser: perfectly up and running
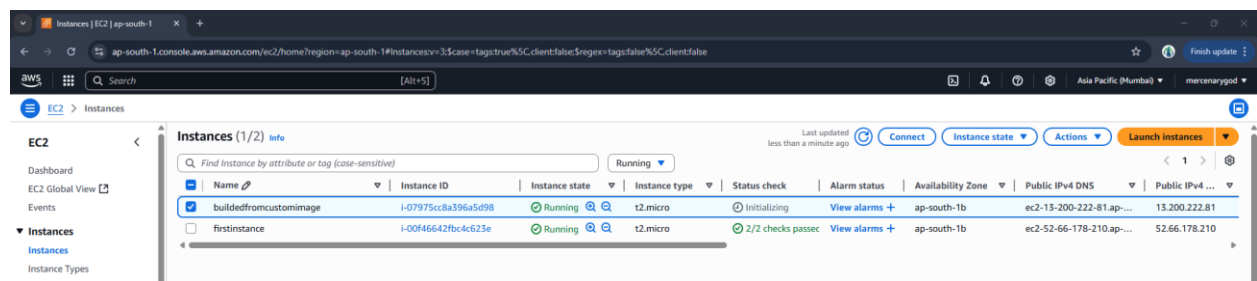

Creating image(AMI) from the Instance

Created image successfully with name: imagefromec2
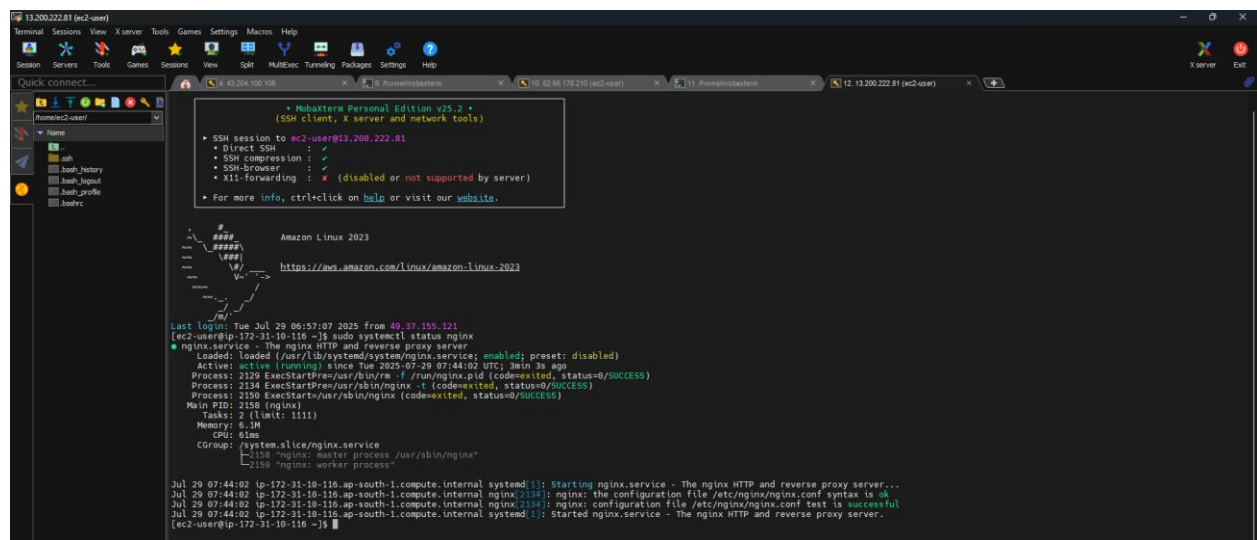

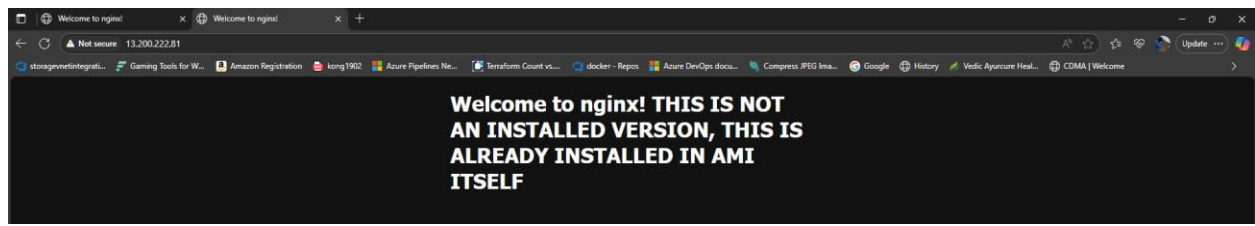## Launching Ec2 from Custom image

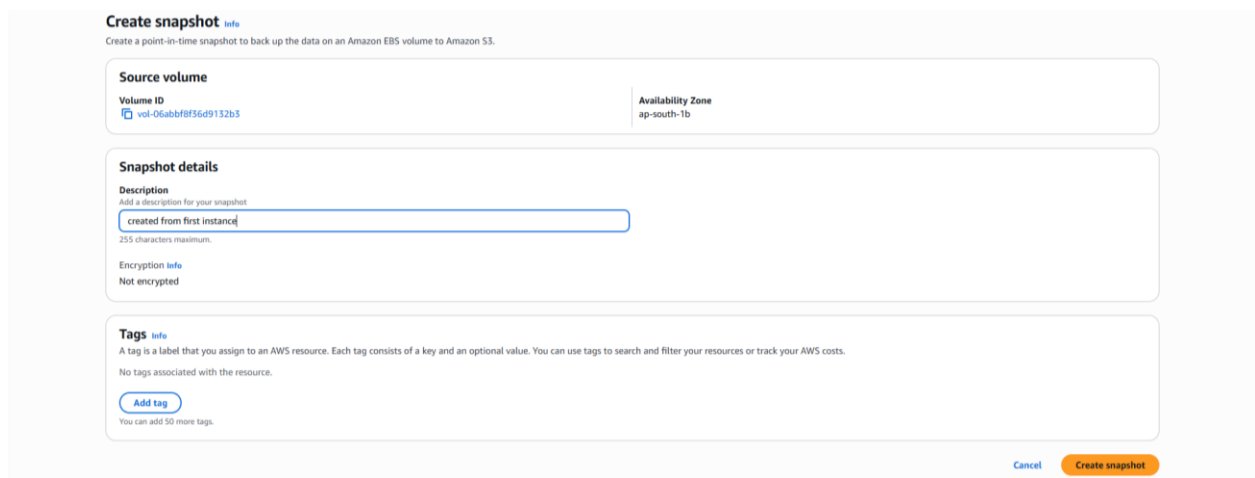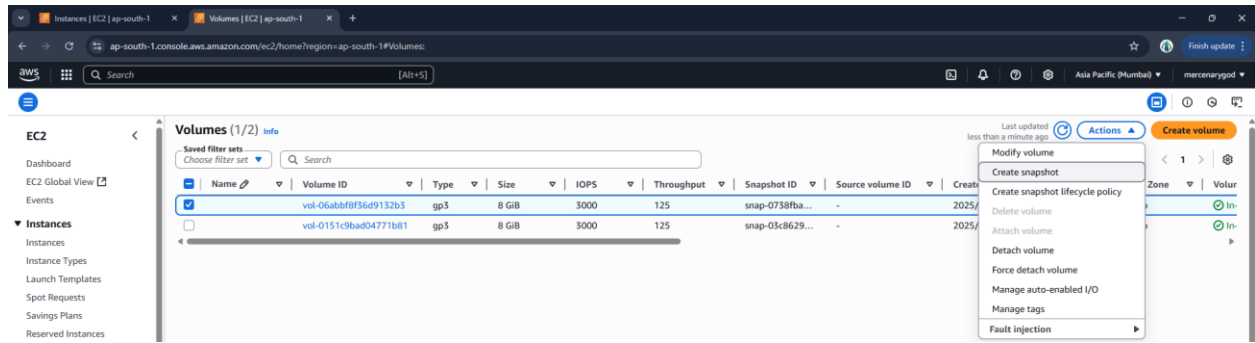## Ec2 created with custom AMI with name : buildedfromcustomimage

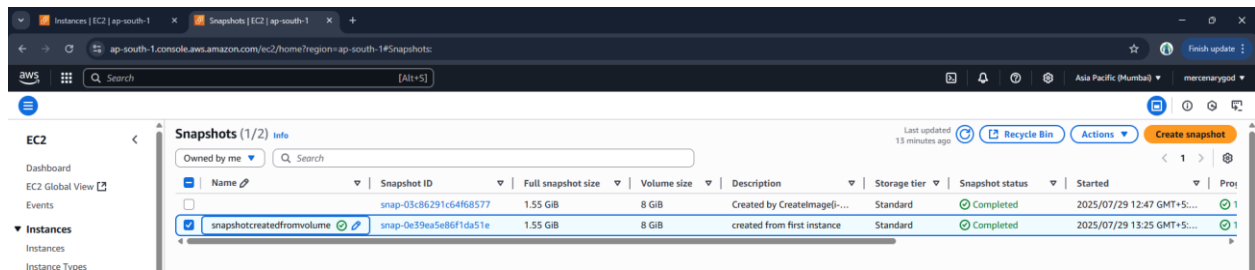## Connecting to custom image ec2 using MobaXterm_Personal_25.2 and checked the status of nginx
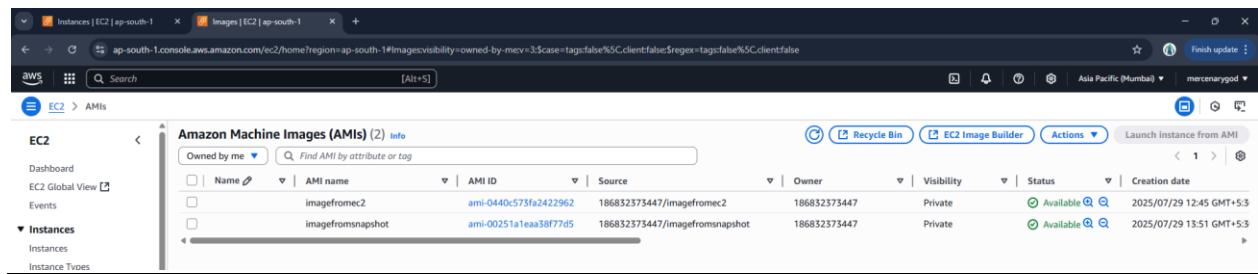
Without installing nginx it is up and running
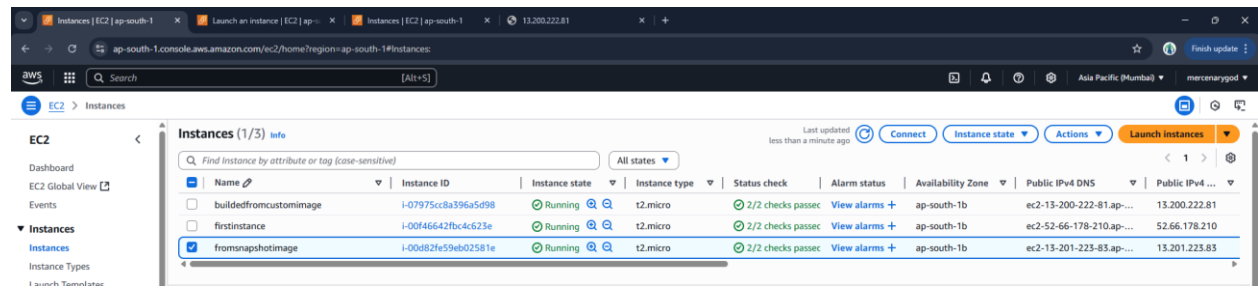

Creating Snapshot from the Volume
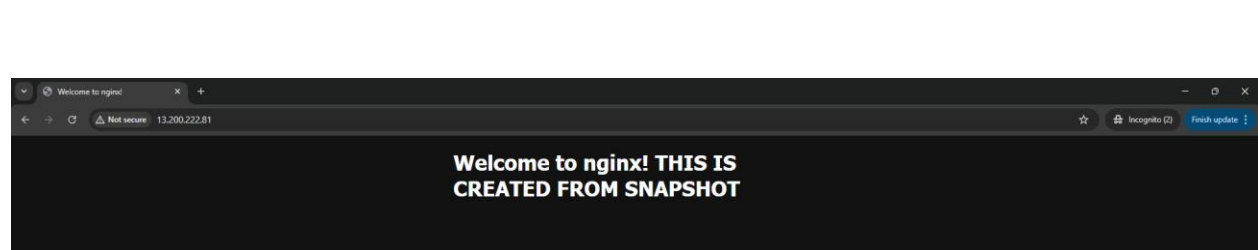

Snapshot created

Creating image from snapshot

Ec2 created from snapshot

Connected through MobaXterm_Personal_25.2
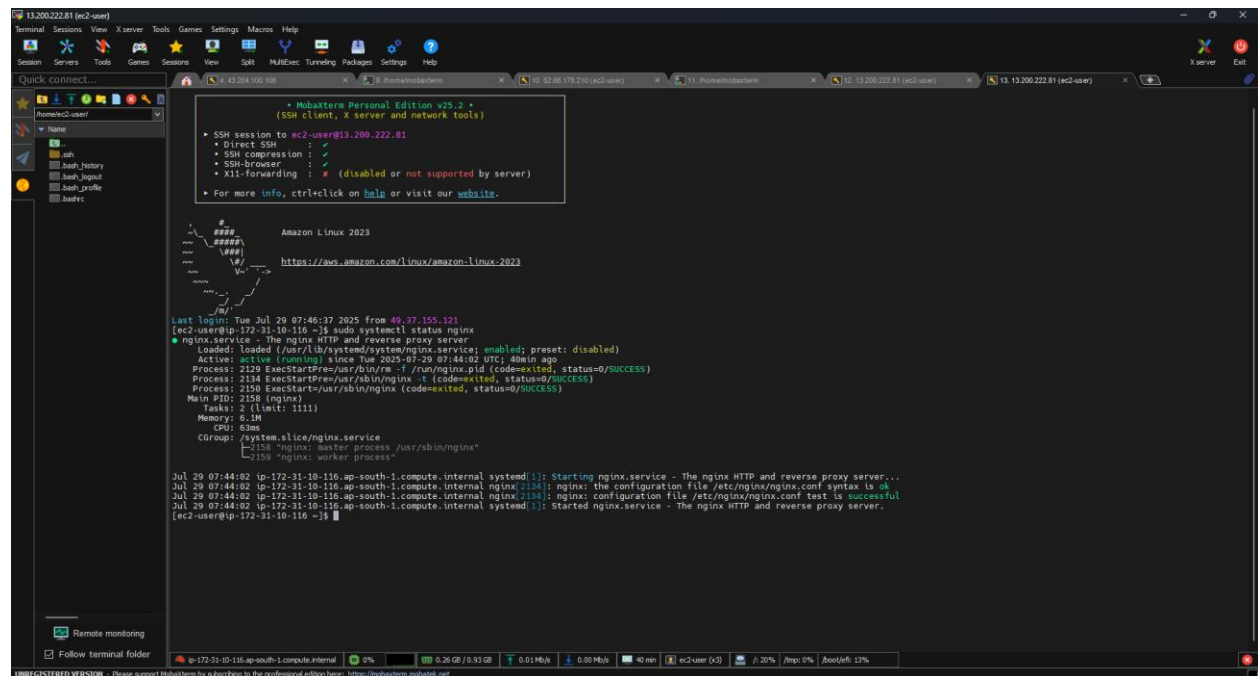
Nginx is properly running

Welcome to nginx! THIS IS CREATED FROM SNAPSHOT

Volume created from snapshot

Attaching volume to ec2 instance

Selecting the ec2 to which the volume has to be attached

Successfully attached the volume to the running ec2

DELETING RESOURCES

Deleting EC2 instances

Successfully Deleted all the Instances

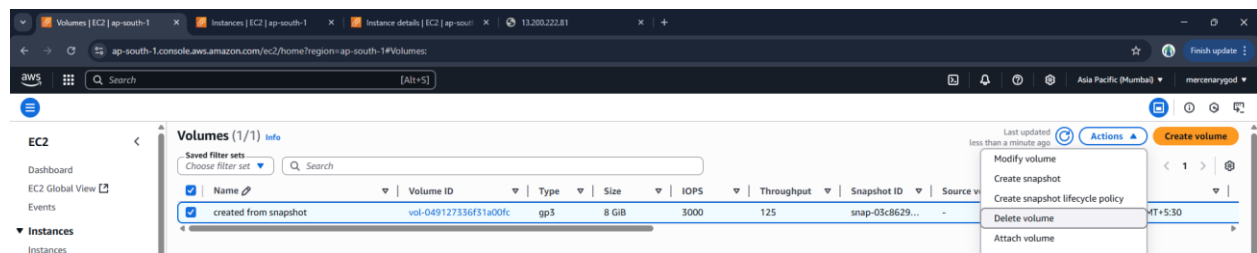## To Delete an AMI it has to be Deregistered First

Deregistering AMI's to Delete
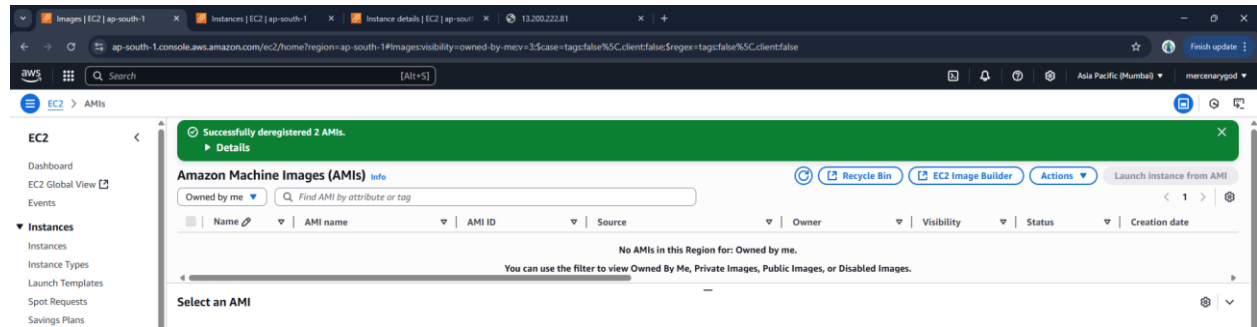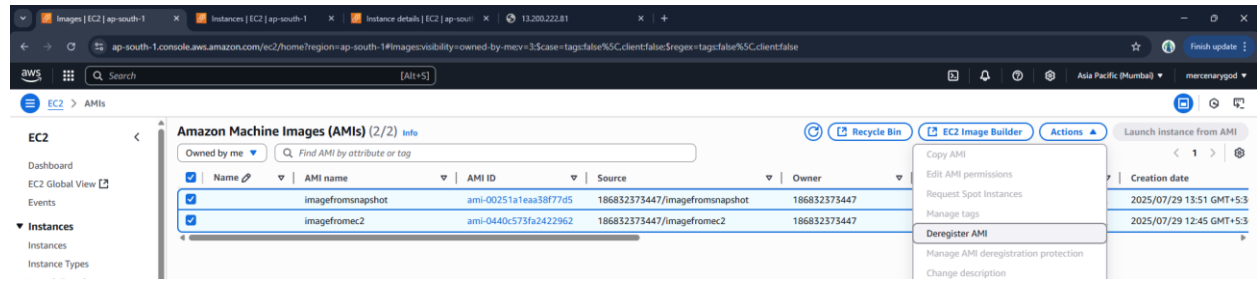
Detach volumes
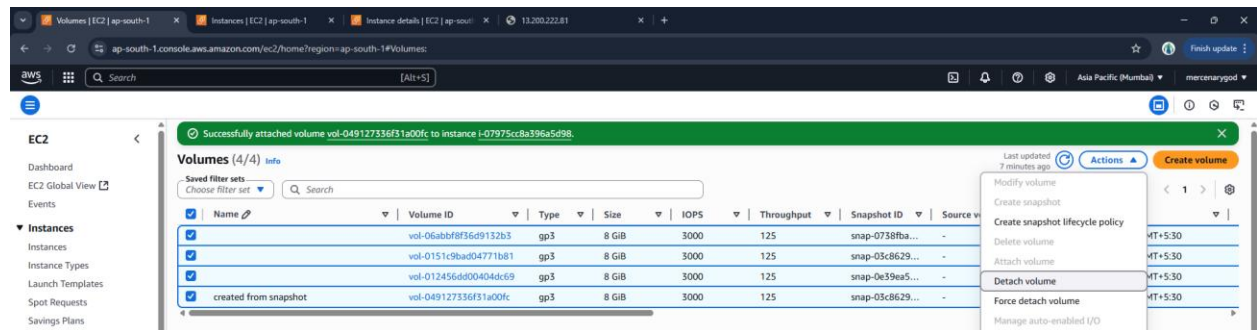
Delete volumes

Delete snapshots