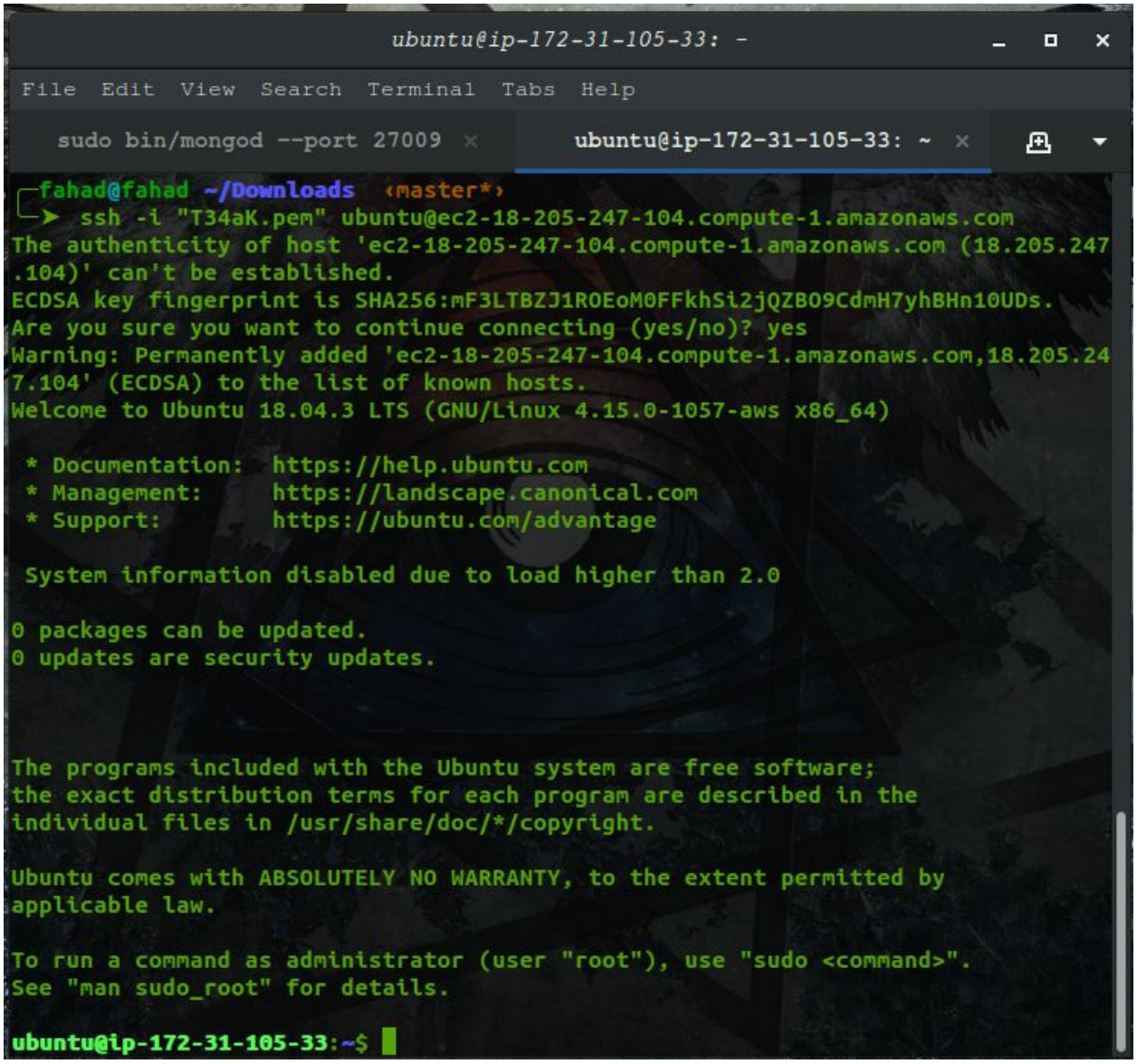
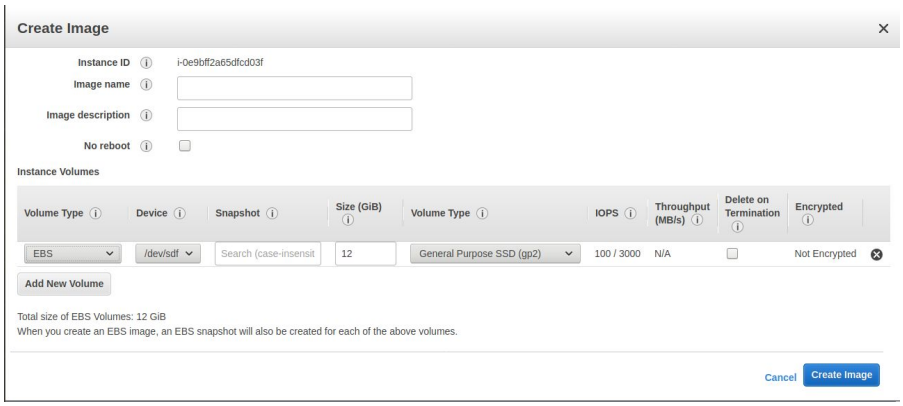
AWS


ubuntu@ip-172-31-105-33: -
File Edit View Search Terminal Tabs Help
sudo bin/mongod --port 27009
ubuntu@ip-172-31-105-33: ~
fahad@fahad ~/Downloads <master*>
ssh -i "T34aK.pem" ubuntu@ec2-18-205-247-104.compute-1.amazonaws.com
The authenticity of host 'ec2-18-205-247-104.compute-1.amazonaws.com (18.205.247.104)' can't be established.
ECDSA key fingerprint is SHA256:mF3LTBZJ1ROEoM0FFkhSi2jQZBO9CdmH7yhBHn10UDs.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added 'ec2-18-205-247-104.compute-1.amazonaws.com,18.205.247.104' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 18.04.3 LTS (GNU/Linux 4.15.0-1057-aws x86_64)
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
System information disabled due to load higher than 2.0
0 packages can be updated.
0 updates are security updates.
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
ubuntu@ip-172-31-105-33:~$

2@2

Ques2:-Create AMI of the above instance and launch it. (instance B)
Ans2:-First we have to create the EC2 instance Then by clicking on action and selecting image then create Image option



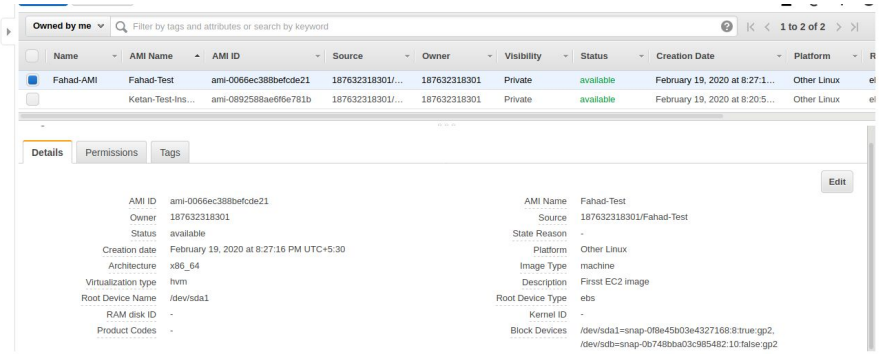
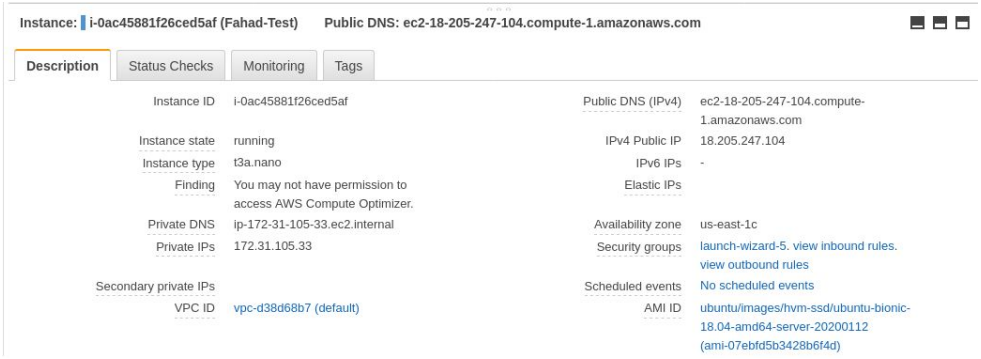
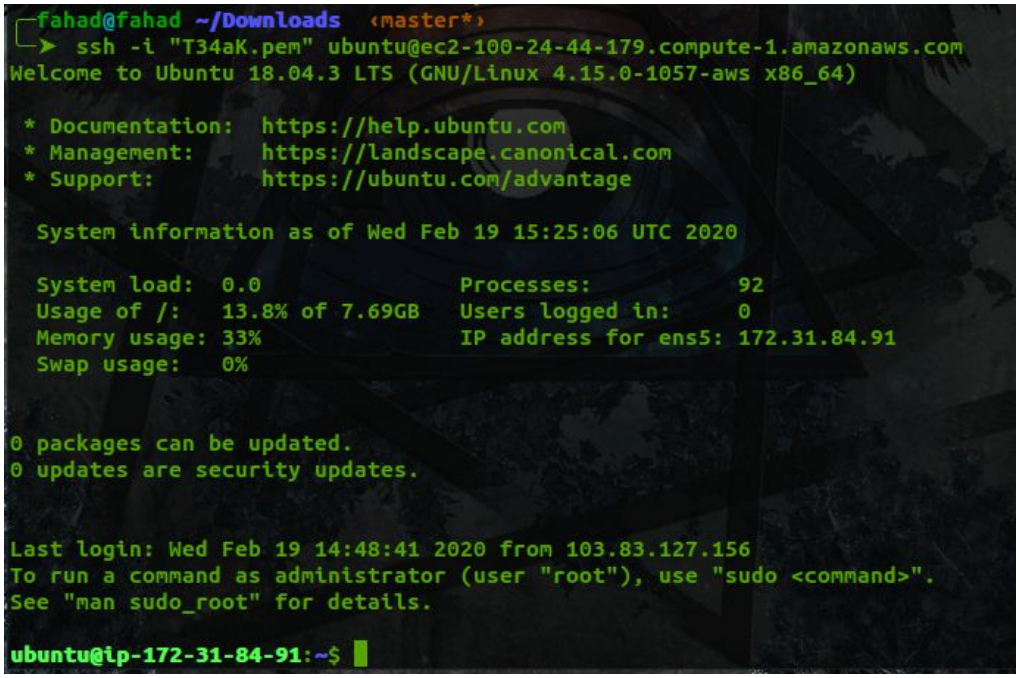


Image will be Created

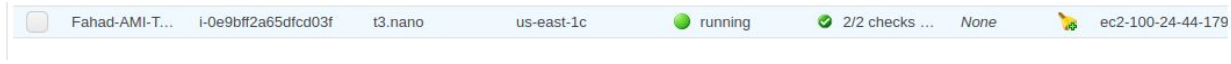


After launching through ssh



Ques 3:-Attach EBS (8 GB) on that running instance.

Ans 3:-

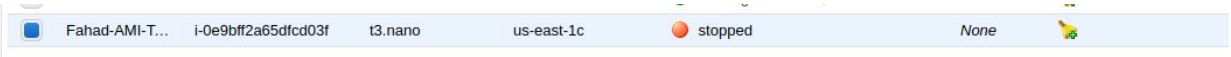


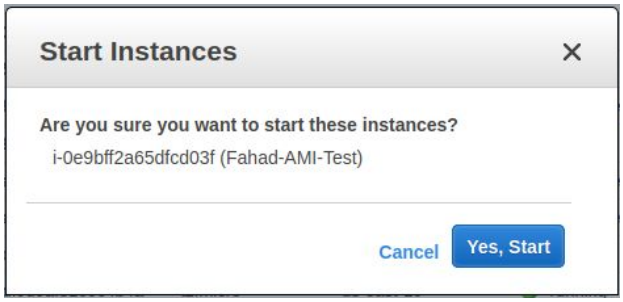
For attaching the EBS we first have to create the volume then by clicking on actions and clicking on attach volume it will be attached

Ques 4:-Stop, Start, Restart that EBS (EBS must be auto-attached).

Ans 4:-

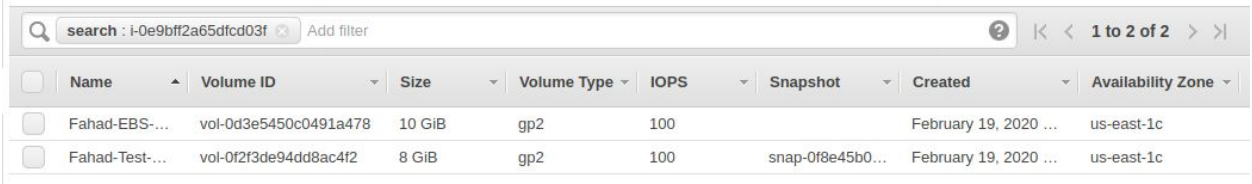
STOP



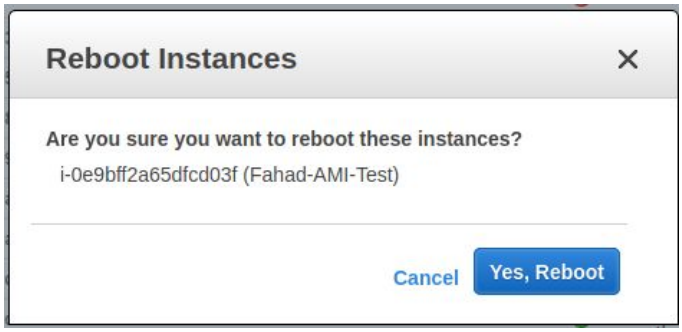


ON-START

ON SEARCHING INSTANCE ID IT IS STILL ATTACHED IN THE EC2



ON-RESTARTING



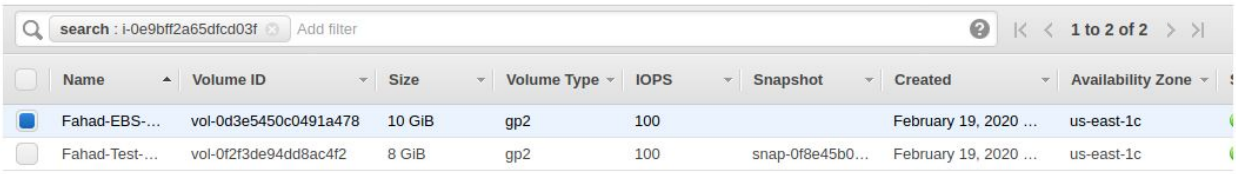
The Instance is still running

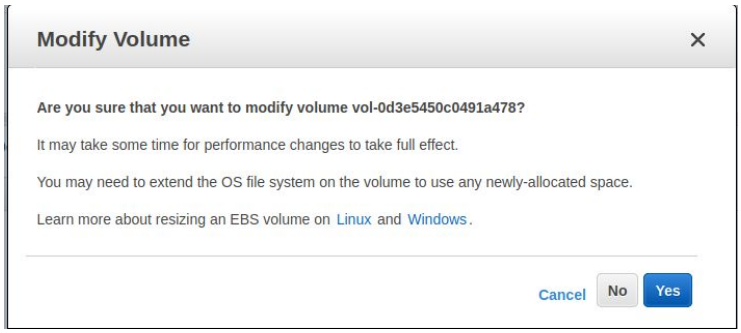
STILL VOLUMES ARE ATTACHED

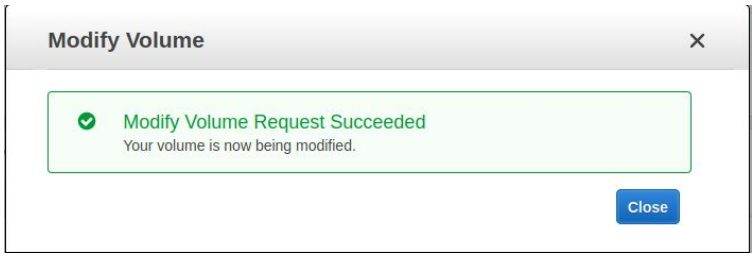
Ques 5:-Make some mistake in fstab file, stop and start the instance, then troubleshoot it.

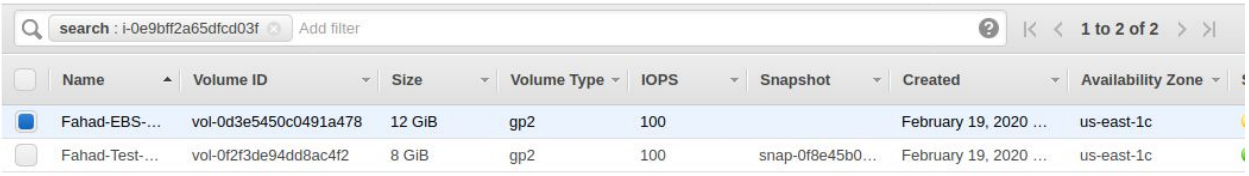
Ans 5:-

Ques 6:-Resize the EBS from 8 to 10GB

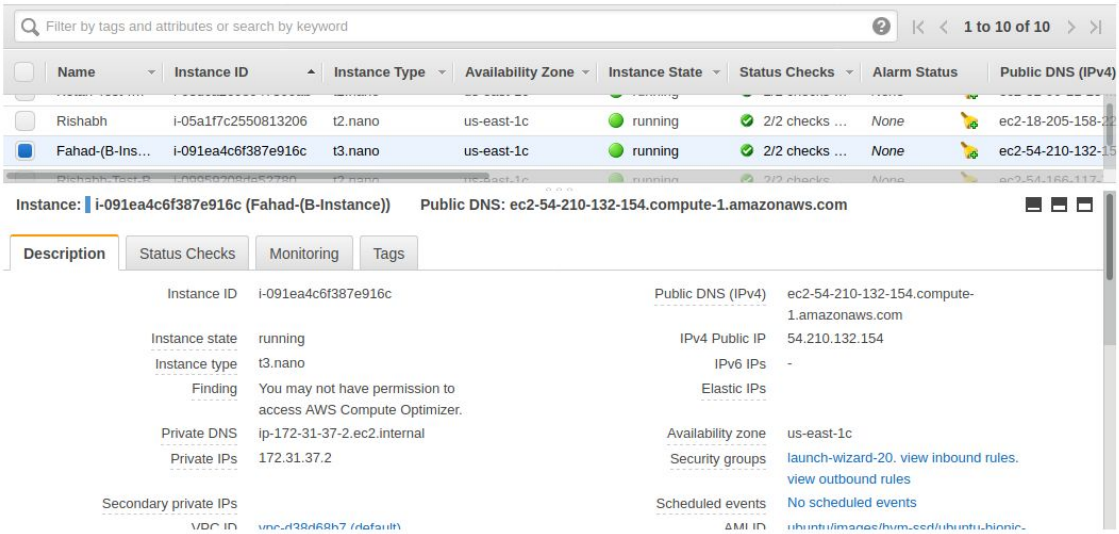


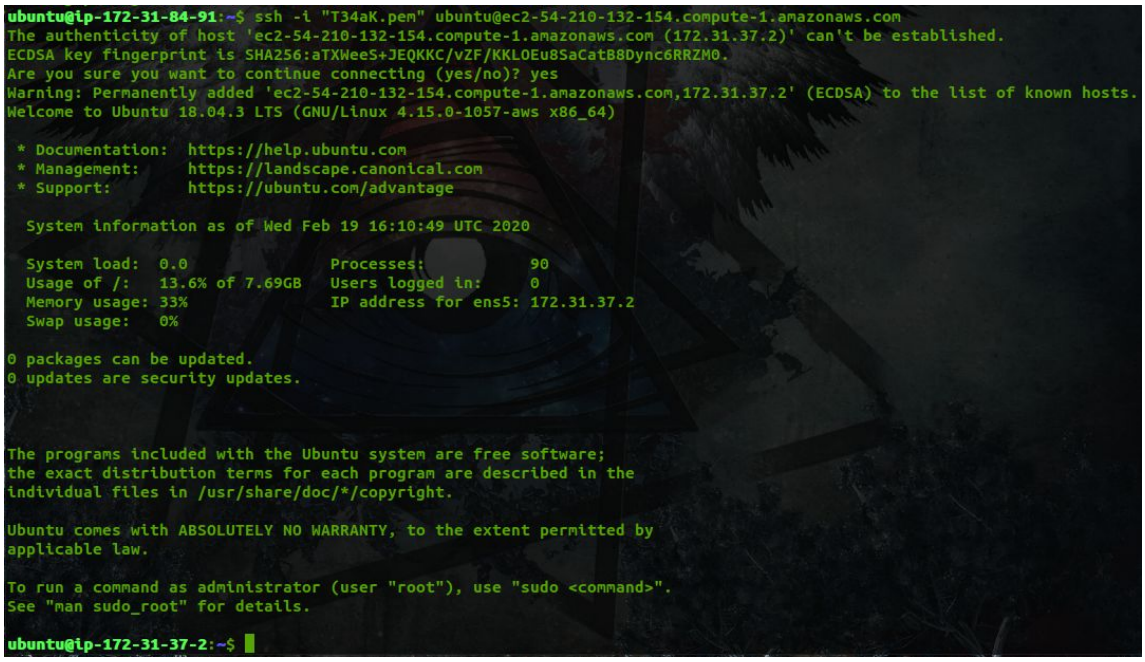


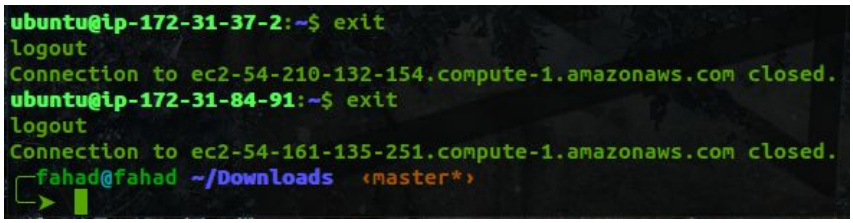




Ques 7:-SSH from one instance A to instance B.







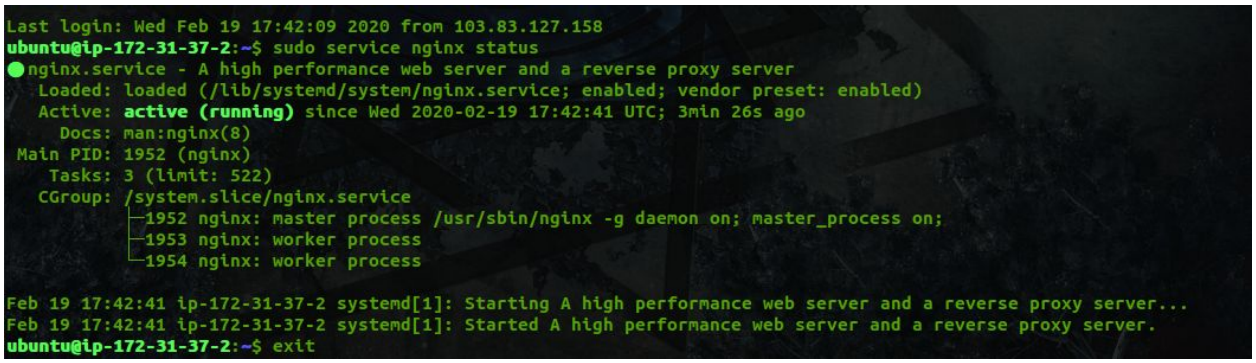
Ques 8:- Copy the EBS in different region(oregon).

Ans 8:- First we have to click on the action button then we have to click on copy to copy this to other location by choosing the oher remote location

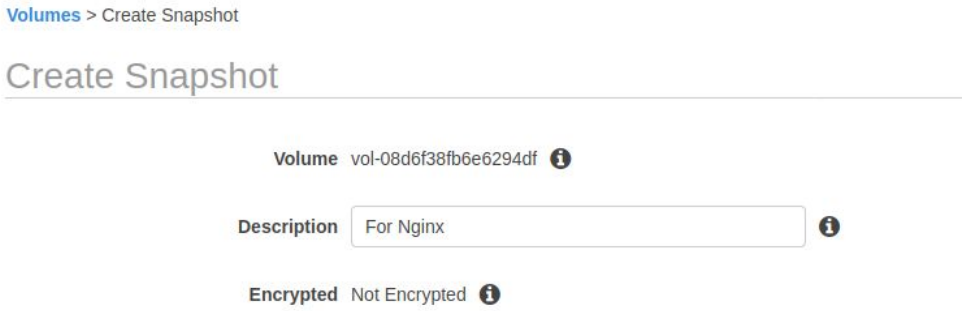
Ques 9:-Detach the root EBS, create its snapshot, than create the AMI and run it as instance such that nginx should be preinstalled at the boot time of instance.

Ans 9:-

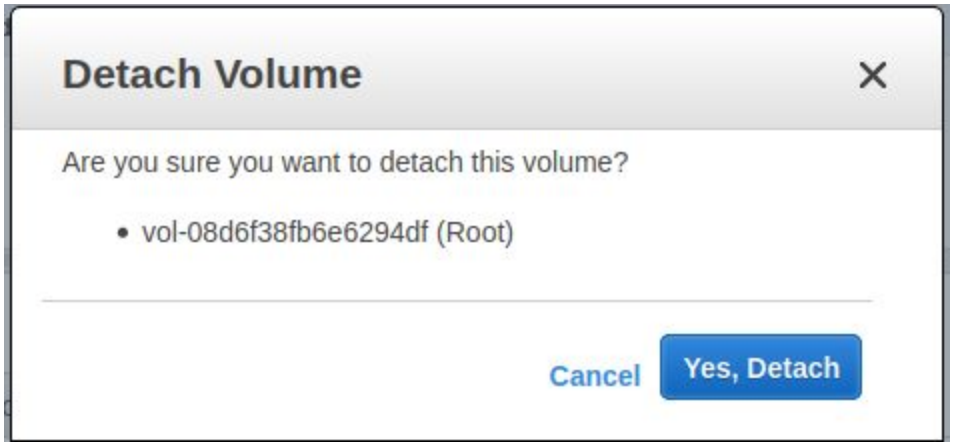
First we have to go in the one instance and install the nginx



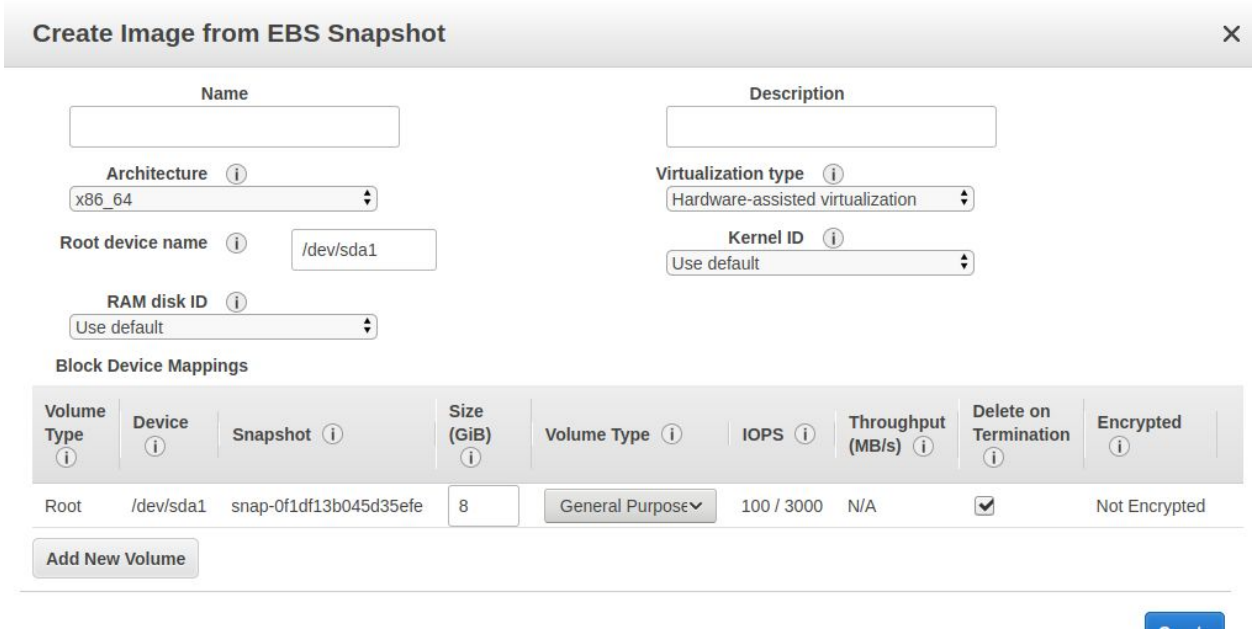
Then we have to create the snapshot of the volume



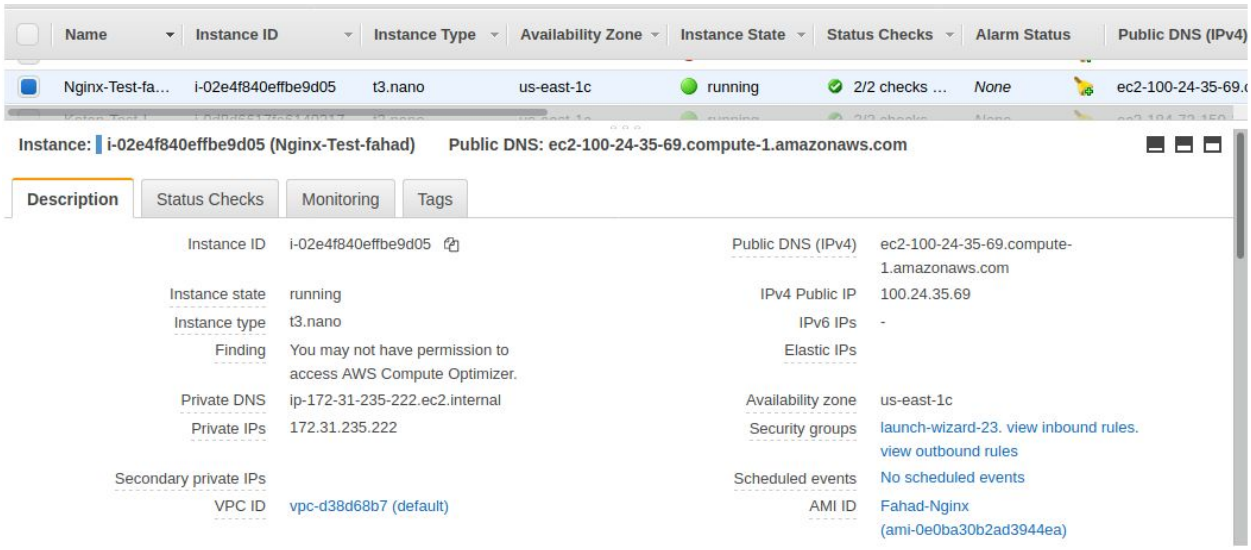
Then we have to Detach the volume from the console



Then we have to create the Image from that Snapshot



After creating the image we have to lauch the instance



Now just going to ssh to the new Instance created and check for the nginx service and that all were workinng