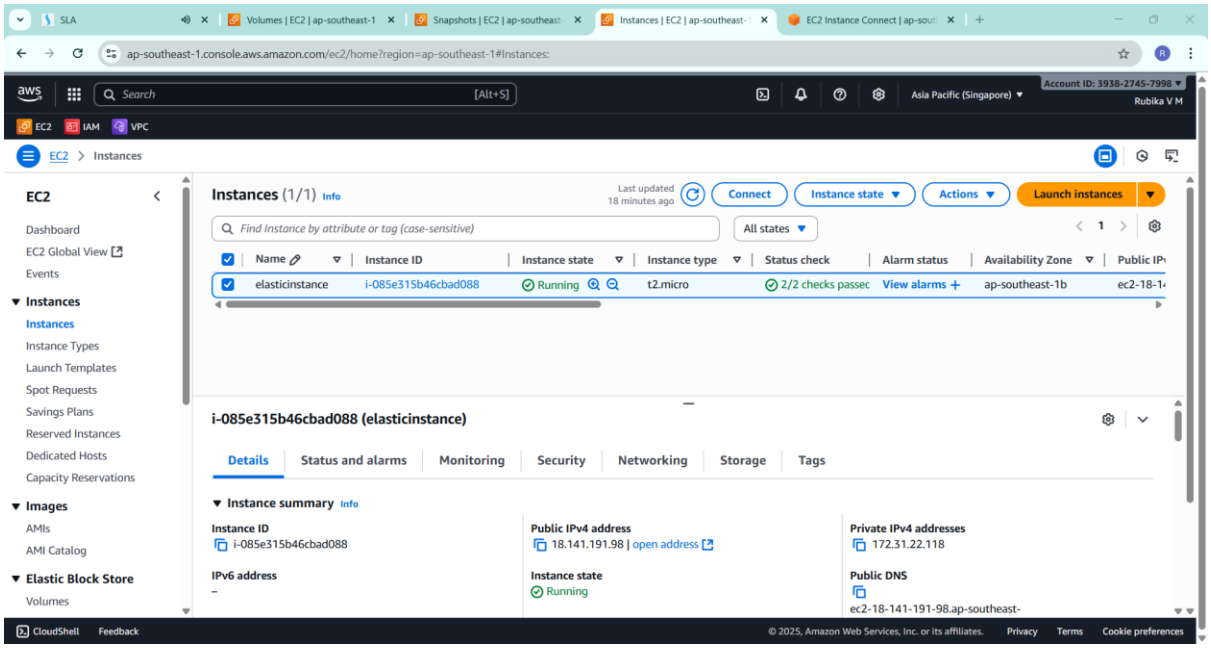
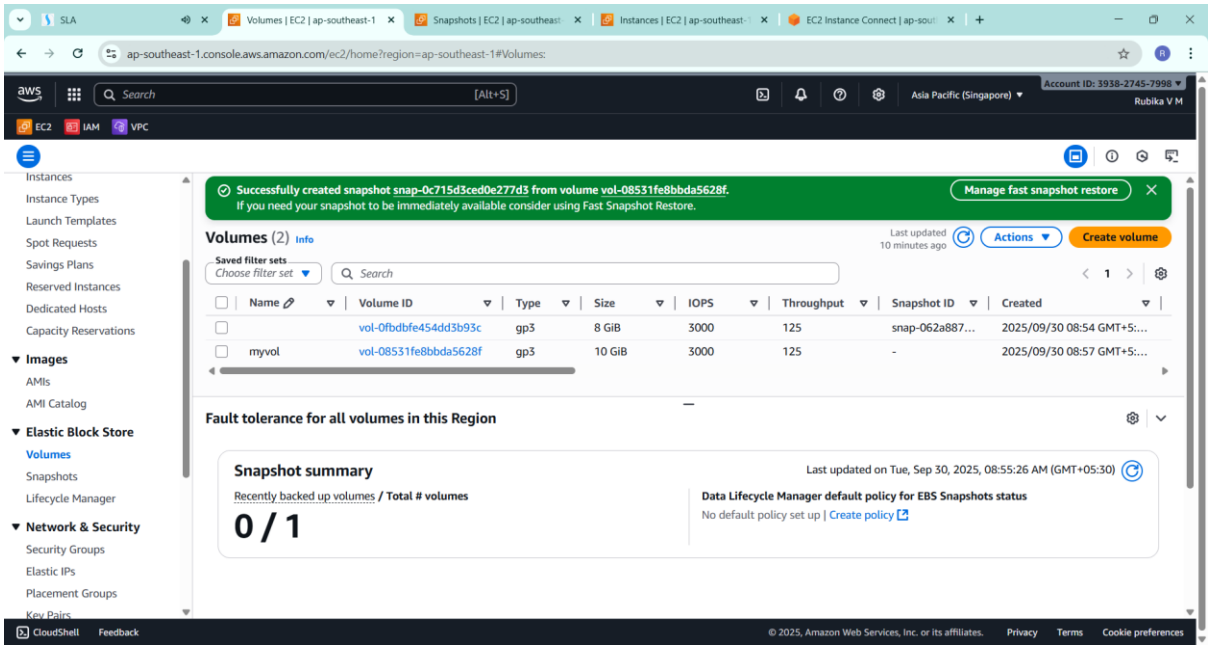
TASK – 6

Elastic block storage….



Volume attached…



```
[ec2-user@ip-172-31-22-118 ~]$ sudo su
[root@ip-172-31-22-118 ec2-user]# lsblk
NAME      MAJ:MIN   RM SIZE RO TYPE MOUNTPOINTS
xvda      202:0      0   8G  0 disk
├─xvda1   202:1      0   8G  0 part /
├─xvda127 259:0      0   1M  0 part
└─xvda128 259:1      0  10M  0 part /boot/efi
xvdbb     202:13568  0  10G  0 disk
[root@ip-172-31-22-118 ec2-user]# df -h
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        4.0M     0  4.0M   0% /dev
tmpfs           475M     0  475M   0% /dev/shm
tmpfs           190M  452K  190M   1% /run
/dev/xvda1      8.0G  1.6G  6.5G  20% /
tmpfs           475M     0  475M   0% /tmp
/dev/xvda128     10M  1.3M  8.7M  13% /boot/efi
tmpfs            95M     0   95M   0% /run/user/1000
[root@ip-172-31-22-118 ec2-user]# file -s /dev/xvdbb
/dev/xvdbb: data
[root@ip-172-31-22-118 ec2-user]# mkfs -t xfs /dev/xvdbb
meta-data=/dev/xvdbb             isize=512    agcount=4, agsize=655360 blks
         =                       sectsz=512   attr=2, projid32bit=1
         =                       crc=1        finobt=1, sparse=1, rmapbt=1
         =                       reflink=1    bigtime=1 inobtcount=1 nrext64=1
         =                       exchange=0
data     =                       bsize=4096   blocks=2621440, imaxpct=25
         =                       sunit=0      swidth=0 blks
naming   =version 2              bsize=4096   ascii-ci=0, ftype=1, parent=0
```

```
[root@ip-172-31-22-118 ec2-user]# cd ..
[root@ip-172-31-22-118 home]# cd ..
[root@ip-172-31-22-118 /]# ls
bin  boot  dev  etc  home  lib  lib64  local  media  mnt  opt  proc  root  run  sbin  srv  sys  tmp  usr  var
[root@ip-172-31-22-118 /]# cd mnt
[root@ip-172-31-22-118 mnt]# mkdir rubika
[root@ip-172-31-22-118 mnt]# ls
rubika
[root@ip-172-31-22-118 mnt]# mount /dev/xvdbb /mnt/rubika
[root@ip-172-31-22-118 mnt]# df -h
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        4.0M     0  4.0M   0% /dev
tmpfs           475M     0  475M   0% /dev/shm
tmpfs           190M  448K  190M   1% /run
/dev/xvda1      8.0G  1.6G  6.5G  20% /
tmpfs           475M     0  475M   0% /tmp
/dev/xvda128     10M  1.3M  8.7M  13% /boot/efi
tmpfs            95M     0   95M   0% /run/user/1000
/dev/xvdbb       10G  228M  9.8G   3% /mnt/rubika
[root@ip-172-31-22-118 mnt]# umount /mnt/rubika
[root@ip-172-31-22-118 mnt]# df -h
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        4.0M     0  4.0M   0% /dev
tmpfs           475M     0  475M   0% /dev/shm
tmpfs           190M  448K  190M   1% /run
/dev/xvda1      8.0G  1.6G  6.5G  20% /
tmpfs           475M     0  475M   0% /tmp
/dev/xvda128     10M  1.3M  8.7M  13% /boot/efi
```

Snapshot: