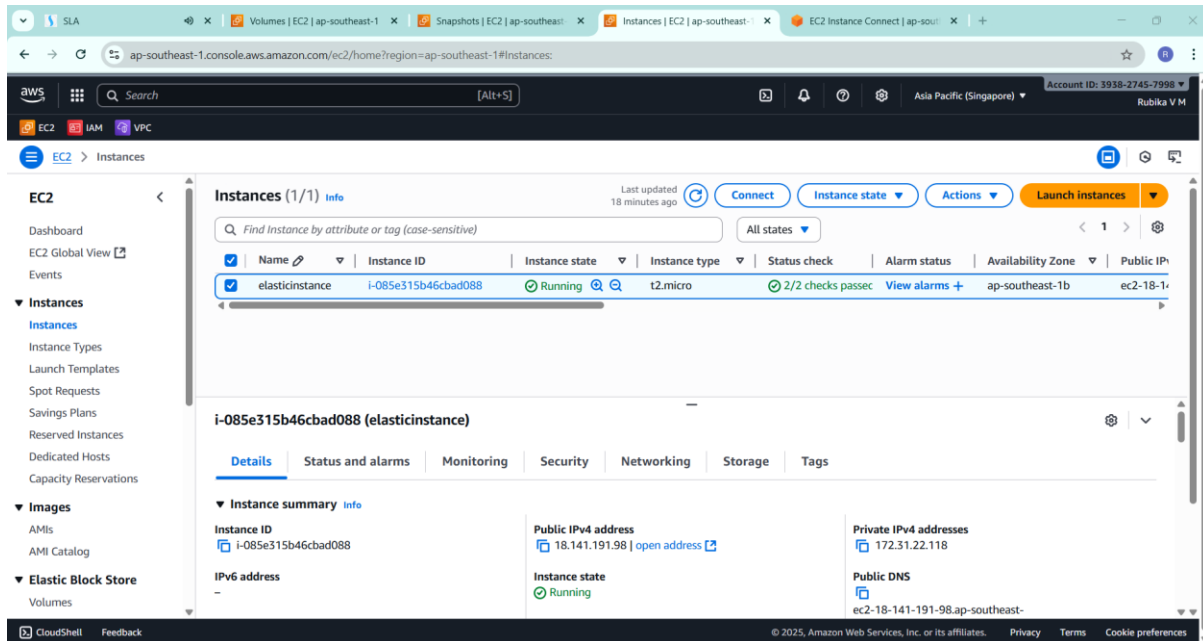


TASK – 6

Elastic block storage....



The screenshot shows the AWS Management Console for the 'ap-southeast-1' region. The 'Instances' page is active, displaying a list of EC2 instances. The instance 'i-085e315b46cbad088' is selected, and its details are shown. The instance is a 't2.micro' type, running in the 'ap-southeast-1b' availability zone. The 'Storage' tab is selected, showing the attached EBS volume 'vol-08531fe8bbda5628f'.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
elasticinstance	i-085e315b46cbad088	Running	t2.micro	2/2 checks passed	View alarms	ap-southeast-1b	ec2-18-141-191-98.ap-southeast-

i-085e315b46cbad088 (elasticinstance)

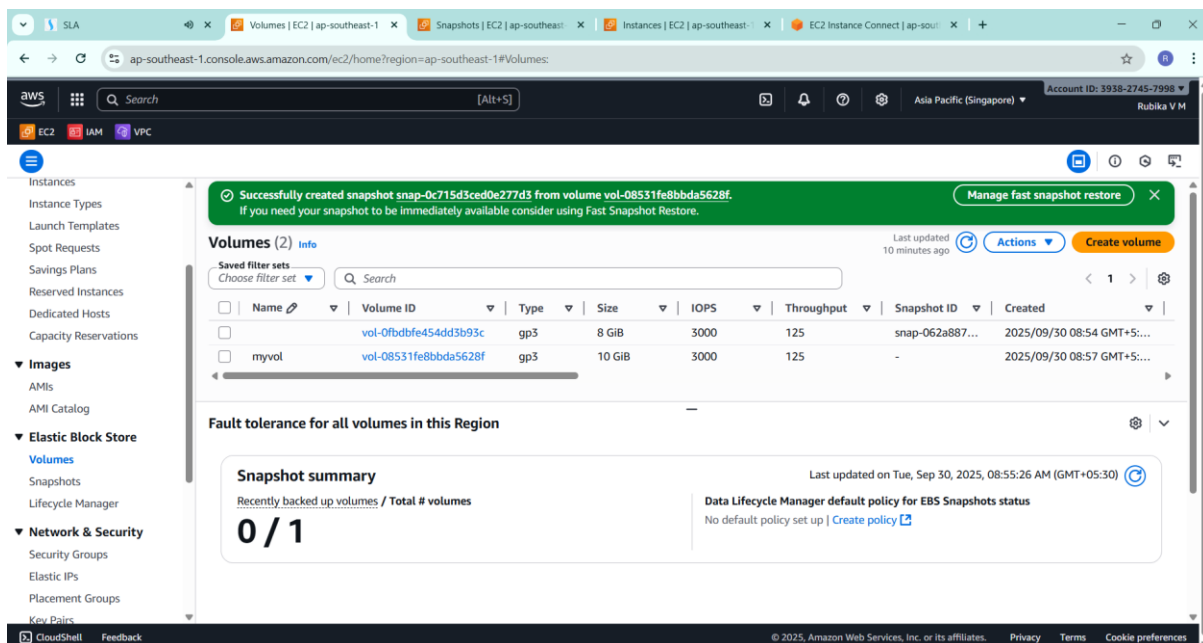
Instance summary

Instance ID	Public IPv4 address	Private IPv4 addresses
i-085e315b46cbad088	18.141.191.98 open address	172.31.22.118

Storage

Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
vol-08531fe8bbda5628f	gp3	10 GiB	3000	125	-	2025/09/30 08:57 GMT+5:...

Volume attached...



The screenshot shows the AWS Management Console for the 'ap-southeast-1' region. The 'Volumes' page is active, displaying a list of EBS volumes. A notification at the top states 'Successfully created snapshot snap-0c715d3ced0e277d3 from volume vol-08531fe8bbda5628f.' The volume 'vol-08531fe8bbda5628f' is selected, and its details are shown. The volume is a 'gp3' type, 10 GiB in size, and is attached to the instance 'i-085e315b46cbad088'.

Volumes (2)

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
myvol	vol-08531fe8bbda5628f	gp3	10 GiB	3000	125	-	2025/09/30 08:57 GMT+5:...

Snapshot summary

Recently backed up volumes / Total # volumes

0 / 1

Data Lifecycle Manager default policy for EBS Snapshots status

No default policy set up | [Create policy](#)

```
[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
xvddb       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/xvddb
/dev/xvddb: data
[root@ip-172-31-22-118 ec2-user]# mkfs -t xfs /dev/xvddb
meta-data=/dev/xvddb          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 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/xvddb /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/xvddb       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:

The screenshot shows the AWS Management Console interface for the 'ap-southeast-1' region. The 'Snapshots' page is active, displaying a list of snapshots owned by the user. The table below summarizes the data shown in the console.

Name	Snapshot ID	Full snapshot size	Volume size	Description	Storage tier	Snapshot status
my snapshot	snap-0c715d3ced0e277d3	-	10 GiB	Created by CreateImage()	Standard	Pending
Created by CreateImage()	snap-0bdbfeffebc0045f	1.71 GiB	8 GiB	Created by CreateImage()	Standard	Completed
Created by CreateImage()	snap-037824394aa2ab2fe	1.72 GiB	8 GiB	Created by CreateImage()	Standard	Completed

The console also shows a sidebar with navigation options like Dashboard, EC2 Global View, Events, Instances, and Images. The footer indicates the page is from 2025, Amazon Web Services, Inc. or its affiliates.