

# TASK – 6

## Elastic block storage....

The screenshot shows the AWS EC2 Instances page. The left sidebar is collapsed. The main area displays a table titled 'Instances (1/1) Info' with one row. The instance details are as follows:

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	ec2-18-1...

Below the table, there is a detailed view for the instance i-085e315b46cbad088, labeled 'elasticinstance'. It shows the following details:

Details	Status and alarms	Monitoring	Security	Networking	Storage	Tags
<b>Instance summary</b>						
Instance ID: i-085e315b46cbad088	Public IPv4 address: 18.141.191.98   <a href="#">open address</a>	Private IPv4 addresses: 172.31.22.118				
IPv6 address: -	Instance state: Running	Public DNS: ec2-18-141-191-98.ap-southeast...				

## Volume attached...

The screenshot shows the AWS EBS Volumes page. The left sidebar is collapsed. A green banner at the top right says: 'Successfully created snapshot snap-0c715d3ced0e277d3 from volume vol-08531fe8bbda5628f. If you need your snapshot to be immediately available consider using Fast Snapshot Restore.' The main area displays a table titled 'Volumes (2) Info' with two rows. The volume details are as follows:

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
vol-0fbdbfe454dd3b93c	gp3	8 GiB	3000	125	-	snap-062a887...	2025/09/30 08:54 GMT+5...
myvol	vol-08531fe8bbda5628f	gp3	10 GiB	3000	125	-	2025/09/30 08:57 GMT+5...

Below the table, there is a section titled 'Fault tolerance for all volumes in this Region' with a 'Snapshot summary' table:

Recently backed up volumes / Total # volumes	Last updated on Tue, Sep 30, 2025, 08:55:26 AM (GMT+5:30)
0 / 1	

At the bottom right, it says: 'Data Lifecycle Manager default policy for EBS Snapshots status' and '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
└─xvdal  202:1   0 8G  0 part /
  └─xvdal27 259:0   0 1M  0 part
  └─xvdal28 259:1   0 10M 0 part /boot/efi
rvddb   202:13568 0 10G 0 disk
[root@ip-172-31-22-118 ec2-user]# df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/loop0       4.0M  4.0M   0% /dev/shm
tmpfs          475M  475M   0% /dev/shm
tmpfs          190M  452K  190M  1% /run
/dev/xvdal     8.0G  1.6G  6.5G  20% /
tmpfs          475M  0 475M  0% /tmp
/dev/xvdbl28   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   aascii-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/xvdbl28 /mnt/rubika
[root@ip-172-31-22-118 mnt]# df -h
Filesystem      Size  Used Avail Use% Mounted on
/dev/loop0       4.0M  4.0M   0% /dev/shm
tmpfs          475M  475M   0% /dev/shm
tmpfs          190M  448K  190M  1% /run
/dev/xvdal     8.0G  1.6G  6.5G  20%
tmpfs          475M  0 475M  0% /tmp
/dev/xvdbl28   10M  1.3M  8.7M  13% /boot/efi
tmpfs          95M  0 95M  0% /run/user/1000
[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
/dev/loop0       4.0M  4.0M   0% /dev/shm
tmpfs          475M  0 475M  0% /dev/shm
tmpfs          190M  448K  190M  1% /run
/dev/xvdal     8.0G  1.6G  6.5G  20%
tmpfs          475M  0 475M  0% /tmp
/dev/xvdbl28   10M  1.3M  8.7M  13% /boot/efi
```

## Snapshot:

Name	Snapshot ID	Full snapshot size	Volume size	Description	Storage tier	Snapshot status
snap-0c715d3ced0e277d3	-	10 GiB	my snapshot	Standard	Pending	
snap-0bdbfeffeebc0045f	1.71 GiB	8 GiB	Created by CreateImage(i...)	Standard	Completed	
snap-05782439aa2ab2fe	1.72 GiB	8 GiB	Created by CreateImage(i...)	Standard	Completed	

Select a snapshot above.