Enterprise Software Architecture

Lab – 1

Keval Sompura

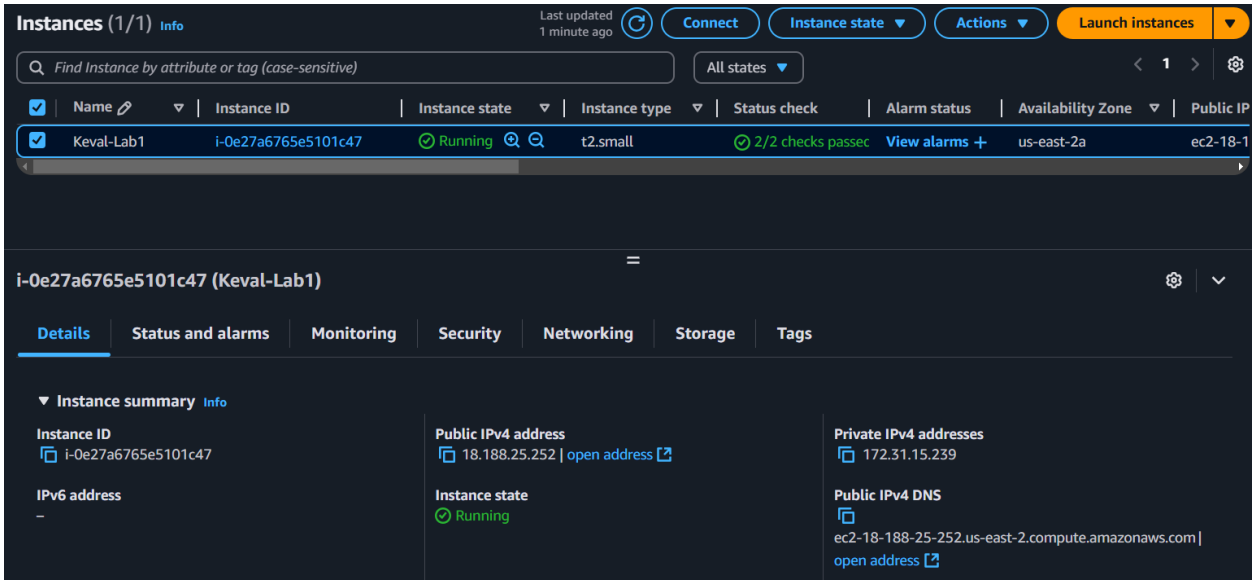
IAM Credentials

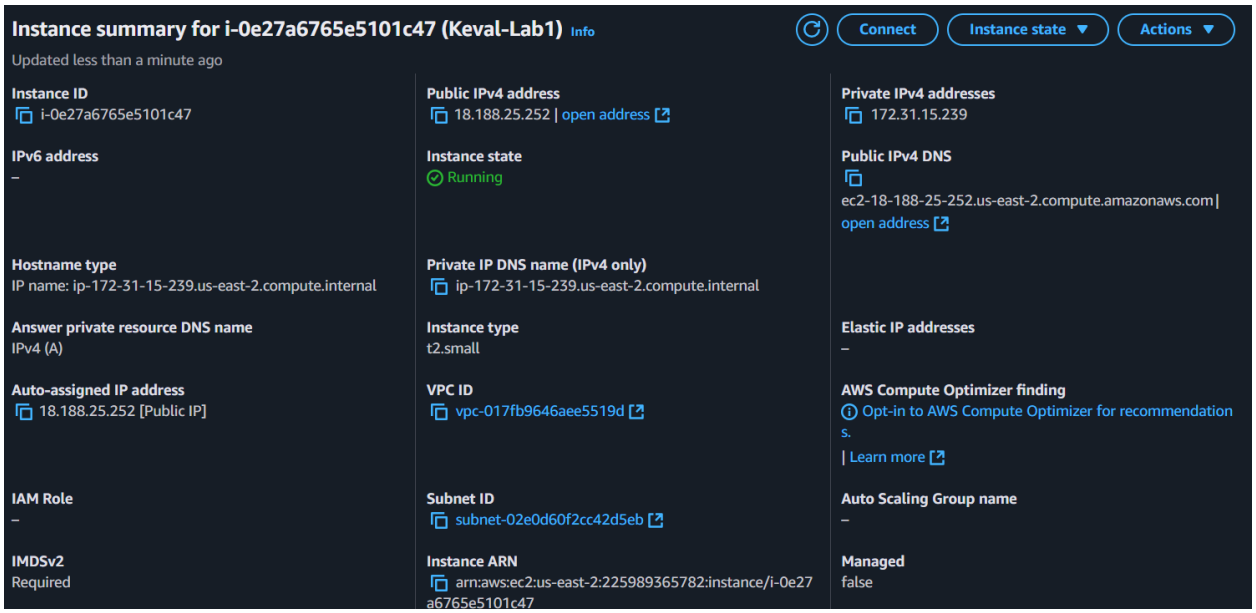
URL: https://225989365782.signin.aws.amazon.com/console

Username: grader

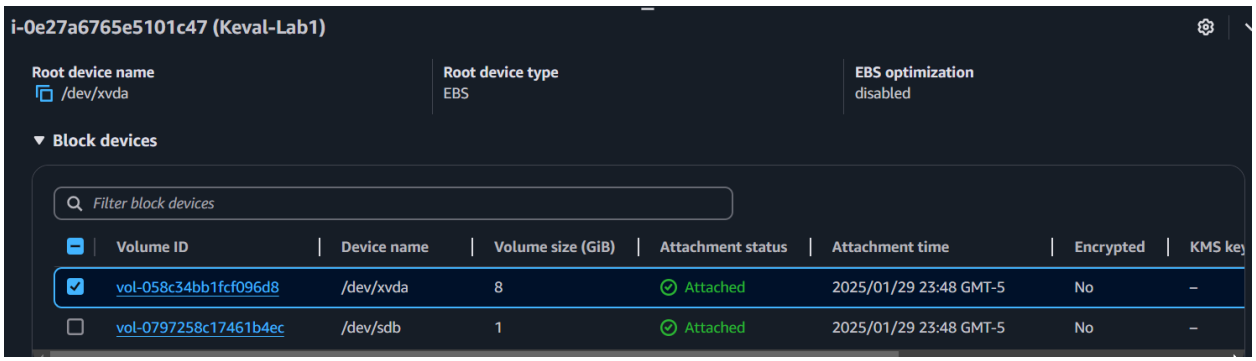
Password: daJ8b1()

a. Screenshots of your AWS Console showing the instance running and the volumes you have allocated on EBS.





Volume allocated



b. Output of Linux command “ fdisk -l” in the instance.

```
[root@ip-172-31-15-239 ~]# fdisk -l
Disk /dev/xvda: 8 GiB, 8589934592 bytes, 16777216 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: gpt
Disk identifier: 28D929C1-65BA-4C0F-A8A2-298E42BDB247

Device       Start      End  Sectors Size Type
/dev/xvda1   24576 16777182 16752607   8G Linux filesystem
/dev/xvda127 22528    24575     2048   1M BIOS boot
/dev/xvda128  2048    22527    20480  10M EFI System

Partition table entries are not in disk order.


Disk /dev/xvdb: 1 GiB, 1073741824 bytes, 2097152 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
```

c. Output of running docker inspect on the database and application containers.
   ➔ Will be included in the video.

d. Output of Linux command “df” in instance

```
[ec2-user@ip-172-31-15-239 ~]$ df
Filesystem     1K-blocks    Used Available Use% Mounted on
devtmpfs            4096       0      4096   0% /dev
tmpfs            1001456       0   1001456   0% /dev/shm
tmpfs             400584     652    399932   1% /run
/dev/xvda1       8310764 3136736   5174028  38% /
tmpfs            1001460       0   1001460   0% /tmp
/dev/xvdb         998060   47576    898056   6% /data
/dev/xvda128       10202    1310      8892  13% /boot/efi
tmpfs             200288       0    200288   0% /run/user/1000
```