

DevOps –Ass-2- Lab-4

- 1- Adding Extra Disk or Volume.
- 2- Extending Volume.
- 3- Attaching Volume to different instances in the same availability zone.

```
X11 forwarding request failed on channel 0
#
#####
Amazon Linux 2
#####
AL2 End of Life is 2026-06-30.
#####
A newer version of Amazon Linux is available!
Amazon Linux 2023, GA and supported until 2028-03-15.
https://aws.amazon.com/linux/amazon-linux-2023/

[ec2-user@ip-172-31-3-6 ~]$ sudo su
[root@ip-172-31-3-6 ec2-user]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   8G  0 disk
└─xvda1     202:1    0   8G  0 part /
[root@ip-172-31-3-6 ec2-user]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   8G  0 disk
└─xvda1     202:1    0   8G  0 part /
xvdb        202:16   0  10G  0 disk
[root@ip-172-31-3-6 ec2-user]# 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: 3D254912-98DF-4319-A9DC-7935D115D148

Device            Start      End  Sectors  Size Type
/dev/xvda1         4096 16777182 16773087   8G Linux filesystem
/dev/xvda128       2048      4095     2048    1M BIOS boot

Partition table entries are not in disk order.

Disk /dev/xvdb: 10 GiB, 10737418240 bytes, 20971520 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
```

```
[root@ip-172-31-3-6 ec2-user]# mount /dev/xvdb /new-vol
[root@ip-172-31-3-6 ec2-user]# cd /new-vol
[root@ip-172-31-3-6 new-vol]# ls
lost+found
[root@ip-172-31-3-6 new-vol]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   8G  0 disk
└─xvda1     202:1    0   8G  0 part /
xvdb        202:16   0  10G  0 disk /new-vol
[root@ip-172-31-3-6 new-vol]# touch abc{1..100}
[root@ip-172-31-3-6 new-vol]# ls
abc1  abc13  abc18  abc22  abc27  abc31  abc36  abc40  abc45  abc5  abc54  abc59  abc63  abc68  abc72  abc77  abc81  abc86  abc90  abc95  lost+found
abc10  abc14  abc19  abc23  abc28  abc32  abc37  abc41  abc46  abc50  abc55  abc6  abc64  abc69  abc73  abc78  abc82  abc87  abc91  abc96
abc100  abc15  abc2  abc24  abc29  abc33  abc38  abc42  abc47  abc51  abc56  abc60  abc65  abc7  abc74  abc79  abc83  abc88  abc92  abc97
abc11  abc16  abc20  abc25  abc3  abc34  abc39  abc43  abc48  abc52  abc57  abc61  abc66  abc70  abc75  abc8  abc84  abc89  abc93  abc98
abc12  abc17  abc21  abc26  abc30  abc35  abc4  abc44  abc49  abc53  abc58  abc62  abc67  abc71  abc76  abc80  abc85  abc9  abc94  abc99
[root@ip-172-31-3-6 new-vol]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   8G  0 disk
└─xvda1     202:1    0   8G  0 part /
xvdb        202:16   0  10G  0 disk /new-vol
```

Successfully initiated stopping of i-Odd026b8af73ee254

Instances (1) Info

Last updated less than a minute ago

Connect

Instance state

Actions

Launch instances

Find Instance by attribute or tag (case-sensitive)

All states

< 1 >

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
vm-1	i-Odd026b8af73ee254	Stopped	t2.micro	-	View alarms +	ap-south-1b	-

