

ASSIGNMENT 7

Task: connect 2 EBS to an instance

- 1) First every instance there is always a 8GB default EBS volume during creation
- 2) Now create the EBS volume by selecting create volume under Volumes
 - Fill the attributes as shown below

Volume settings

Volume type | Info
General Purpose SSD (gp3)

Size (GiB) | Info
1
Min: 1 GiB, Max: 16384 GiB

IOPS | Info
3000
Min: 3000 IOPS, Max: 16000 IOPS

Throughput (MiB/s) | Info
125
Min: 125 MiB, Max: 1000 MiB, Baseline: 125 MiB/s

Availability Zone | Info
eu-north-1

Snapshot ID - optional | Info

- Now, click on attach volume after redirected to it's corresponding page select your instance
- Then You are able see as below list out volume

Volumes (1/3) | Info

Availability Zone	Volume state	Alarm status	Attached resources	Status check
eu-north-1c	In-use	No alarms	+ i-0f7045d1e17ee56e7 (private_instance): /dev/xvda (attached)	Okay
eu-north-1c	In-use	No alarms	+ i-0b6155758745a63b2 (public_instance): /dev/xvda (attached)	Okay
eu-north-1c	In-use	No alarms	+ i-0b6155758745a63b2 (public_instance): /dev/sdb (attached)	Okay

Volume ID: vol-0e922b26cfbee66ca

Details | Status checks | Monitoring | Tags

Volume ID	Size	Type	Status check
vol-0e922b26cfbee66ca	1 GiB	gp3	Okay

AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations. | Learn more

Fast snapshot restored
No

Availability Zone
eu-north-1c

Created
Sun Mar 23 2025 15:23:19 GMT+0530 (India Standard Time)

Multi-Attach enabled
No

- Under Attached resources attribute 2,3 are attached to same instances in my case it was public_instance

Task 2: Now transfer the data from one EBS volume to another

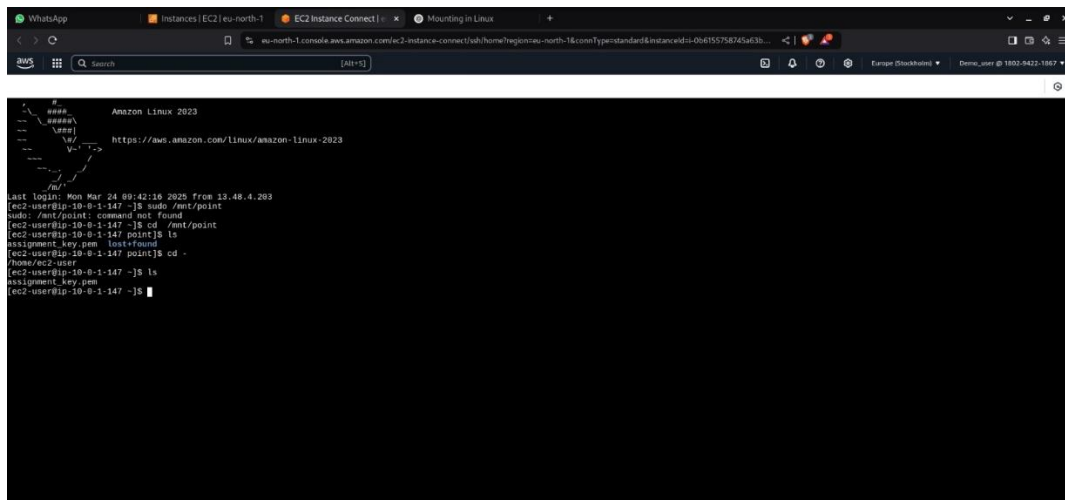
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Now create a folder for mounting to access or manipulate the data in my case I had created “/mnt/point” using “sudo mount <device-name> <path>”

- Now to forward the files from EBS 1 or default EBS we use “ sudo cp < Default EBS path> < created mount path>”

- Ex: sudo cp * /mnt/point

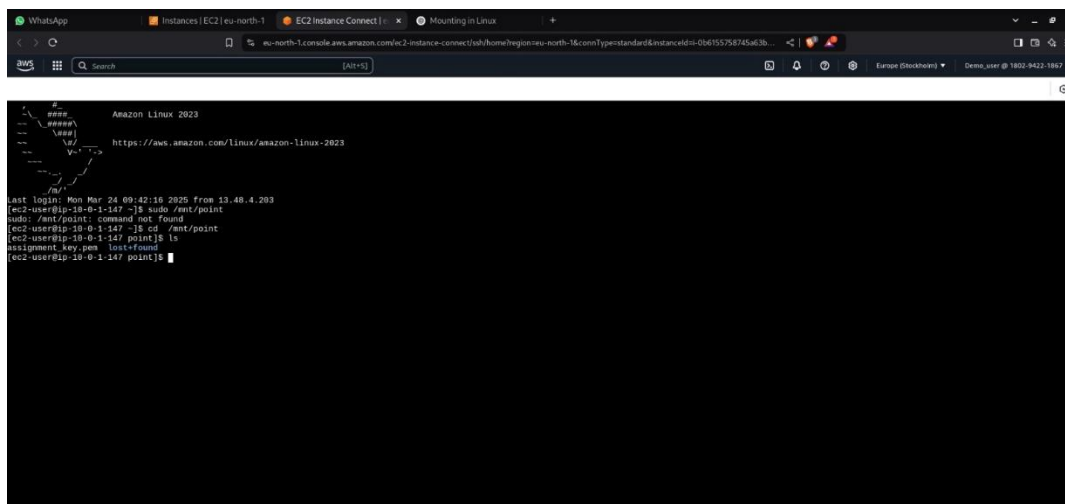
⇒ After this it copies all existing file to the second EBS volume



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Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023

Last login: Mon Mar 24 09:42:16 2020 from 13.48.4.203
[ec2-user@ip-10-0-1-147 ~]$ sudo /mnt/point
[ec2-user@ip-10-0-1-147 ~]$ cd /mnt/point
[ec2-user@ip-10-0-1-147 point]$ ls
assignment_key.pem  lost+found
[ec2-user@ip-10-0-1-147 point]$ cd -
/home/ec2-user
[ec2-user@ip-10-0-1-147 ~]$ ls
assignment_key.pem
[ec2-user@ip-10-0-1-147 ~]$
```

i-0b6155758745a63b2 (public_instances)
PublicIP: 13.50.109.74 PrivateIP: 10.0.1.147



```
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