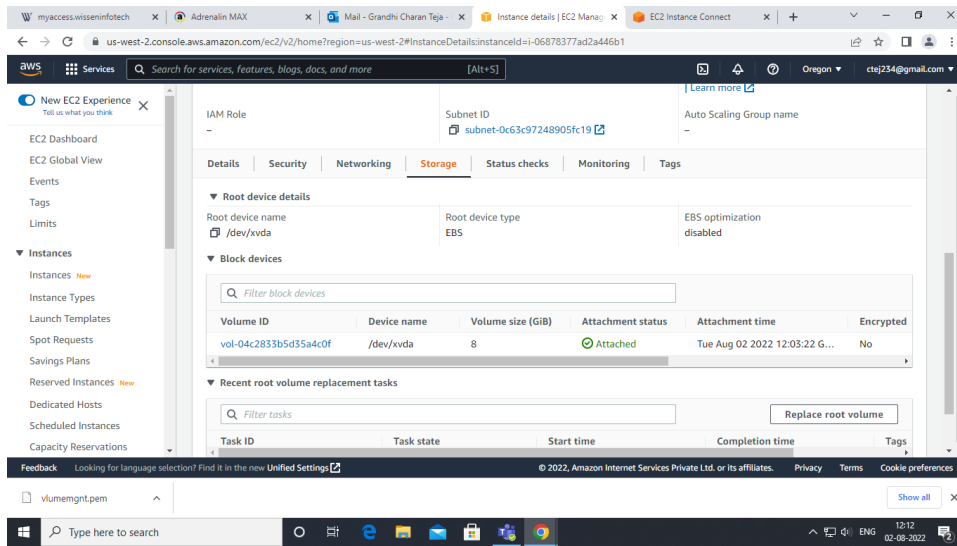
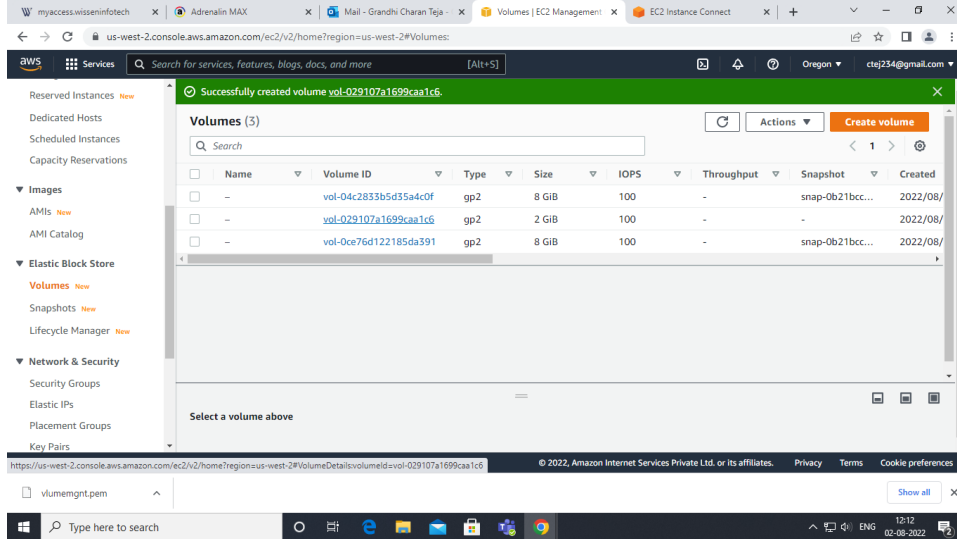


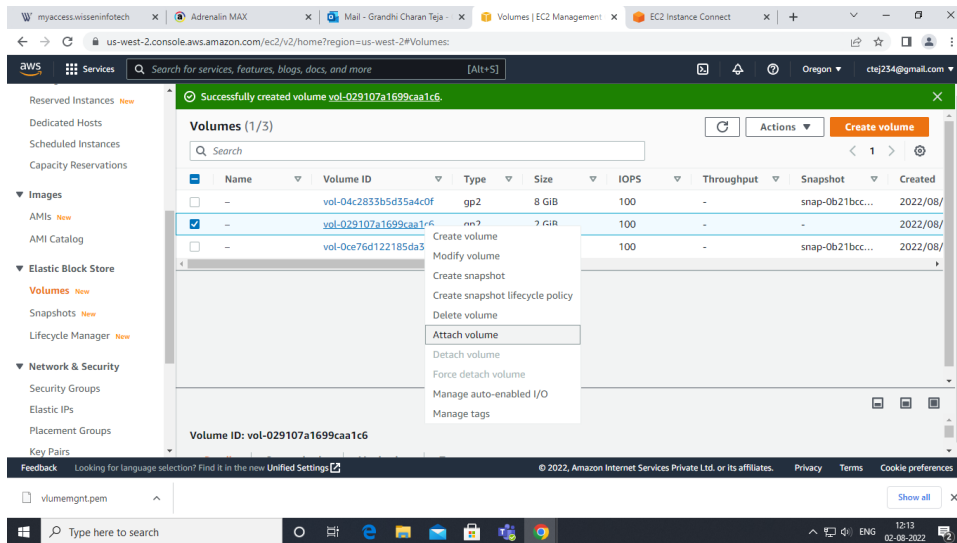
1.create an ec2 instance it is attached with root volume 8gb



2.create a volume and attach it with ec2 instance

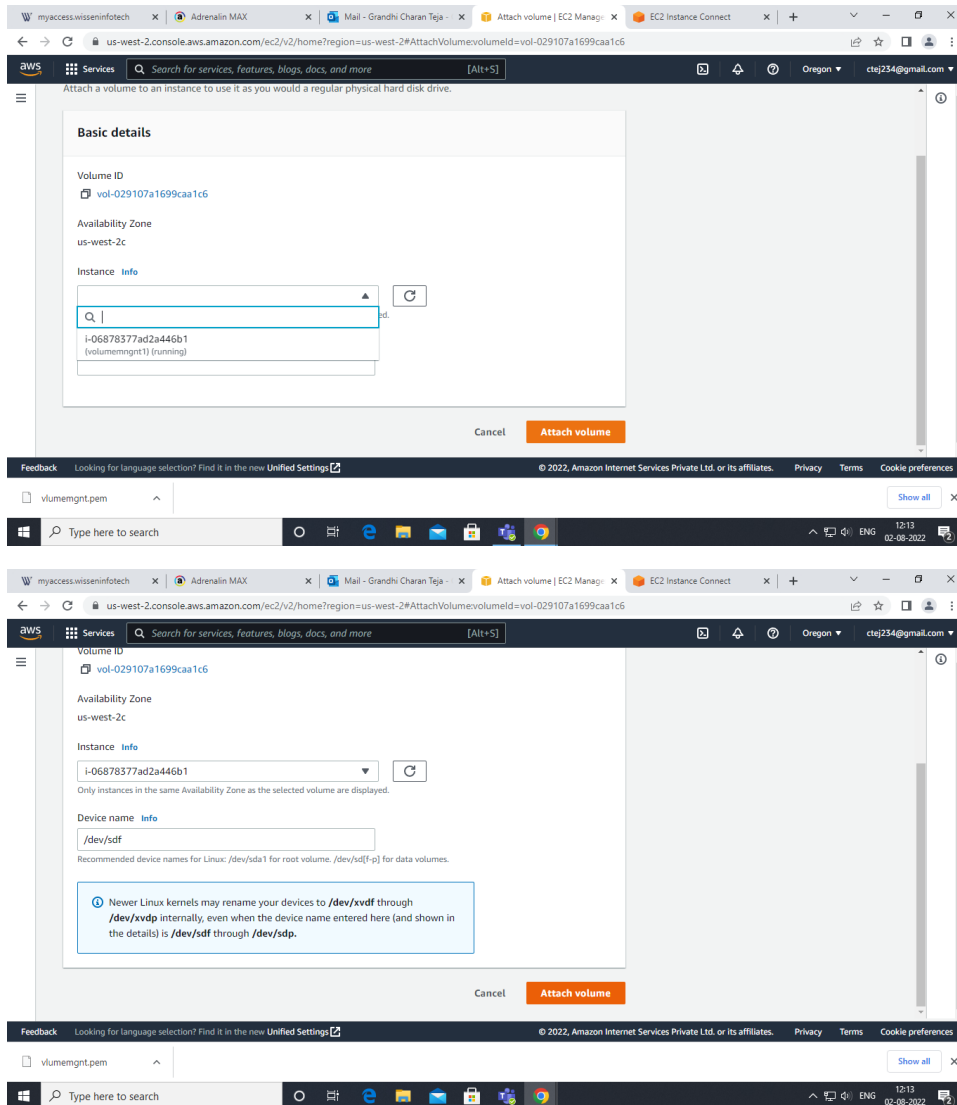


3.steps to attach volume to instance click on created volume and click on attach volume



4. select the instance which we have to attach the volume

Volume is not attached to different Availability zones the volume we created and instance created is in same Availability zones otherwise we cannot attach the volumes for different Availability zones



us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#VolumeDetails?volumeId=vol-029107a1699caa1c6

vol-029107a1699caa1c6

Details

| | | |
|-----------------------|---|----------------------|
| Volume ID | Size | Type |
| vol-029107a1699caa1c6 | 2 GiB | gp2 |
| Volume state | IOPS | Throughput |
| In-use | 100 | - |
| KMS key ID | KMS key alias | KMS key ARN |
| - | - | - |
| Availability Zone | Created | Multi-Attach enabled |
| us-west-2c | Tue Aug 02 2022 12:11:02 GMT+0530 (India Standard Time) | No |
| Outposts ARN | | |

Actions

- Create snapshot
- Attach volume
- Detach volume
- Force detach volume
- Manage auto-enabled I/O
- Encryption
- Not encrypted
- Snapshot
-
- Attached Instances
- i-06878377ad2a446b1 (volumemngt1); /dev/sdf (attached)

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#InstanceDetails?instanceId=i-06878377ad2a446b1

Details

Root device details

| | | |
|------------------|------------------|------------------|
| Root device name | Root device type | EBS optimization |
| /dev/xvda | EBS | disabled |

Block devices

| Volume ID | Device name | Volume size (GiB) | Attachment status | Attachment time | Encrypted |
|-----------------------|-------------|-------------------|-------------------|-------------------------------|-----------|
| vol-04c2833b5d35a4c0f | /dev/xvda | 8 | Attached | Tue Aug 02 2022 12:03:22 G... | No |

Recent root volume replacement tasks

| Task ID | Task state | Start time | Completion time | Tags |
|-------------------------------------|------------|------------|-----------------|------|
| No recent replace root volume tasks | | | | |

5.volume is attached to instance

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#InstanceDetails?instanceId=i-06878377ad2a446b1

Details

Root device details

| | | |
|------------------|------------------|------------------|
| Root device name | Root device type | EBS optimization |
| /dev/xvda | EBS | disabled |

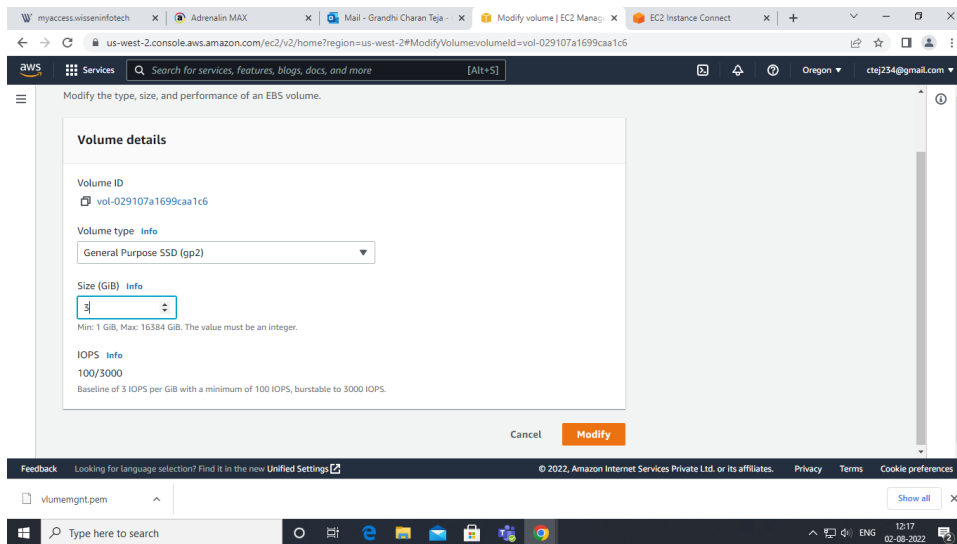
Block devices

| Volume ID | Device name | Volume size (GiB) | Attachment status | Attachment time | Encrypted |
|-----------------------|-------------|-------------------|-------------------|-------------------------------|-----------|
| vol-04c2833b5d35a4c0f | /dev/xvda | 8 | Attached | Tue Aug 02 2022 12:03:22 G... | No |
| vol-029107a1699caa1c6 | /dev/sdf | 2 | Attached | Tue Aug 02 2022 12:13:21 G... | No |

Recent root volume replacement tasks

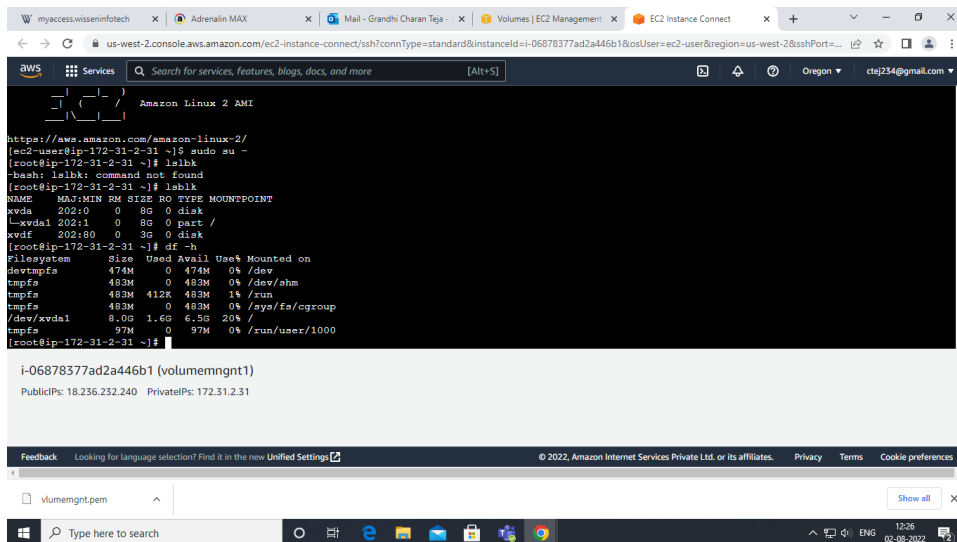
| Task ID | Task state | Start time | Completion time | Tags |
|-------------------------------------|------------|------------|-----------------|------|
| No recent replace root volume tasks | | | | |

6. Modify the volume and change it to 2 to 3gb and again attach to the instance



7. In linux machine to see the volume storage setup

Commands are lsblk and df-h



8. when we modify the volume again to 3 to 4gb it shows error message that we have to wait up to 6hrs

W myaccess.wisseninfotech x Adrenalin MAX x Mail - Grandhi Charan Teja - x Volumes | EC2 Management x EC2 Instance Connect x + -

us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#Volumes:v=3

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Oregon ctej234@gmail.com

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Capacity Reservations

Modify Volume Request Failed for volume vol-029107a1699caa1c6.
You've reached the maximum modification rate per volume limit. Wait at least 6 hours between modifications per EBS volume.

Volumes (3)

Search

| | Name | Volume ID | Type | Size | IOPS | Throughput | Snapshot | Created |
|--------------------------|------|-----------------------|------|-------|------|------------|-----------------|----------|
| <input type="checkbox"/> | - | vol-04c2833b5d35a4c0f | gp2 | 8 GiB | 100 | - | snap-0b21bcc... | 2022/08/ |
| <input type="checkbox"/> | - | vol-029107a1699caa1c6 | gp2 | 3 GiB | 100 | - | - | 2022/08/ |
| <input type="checkbox"/> | - | vol-0ce76d122185da391 | gp2 | 8 GiB | 100 | - | snap-0b21bcc... | 2022/08/ |

Select a volume above

Actions

Create volume

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