

## 2 Change the Volume Size of an Instance

The screenshot shows the AWS Management Console for the us-east-1 region. The left sidebar contains navigation links for various services. The main content area displays the 'Resources' section, which lists the following Amazon EC2 resources in the US East (N. Virginia) Region:

Resource	Count
Instances (running)	1
Elastic IPs	0
Load balancers	0
Snapshots	0
Auto Scaling Groups	0
Instances	1
Placement groups	0
Volumes	1
Dedicated Hosts	0
Key pairs	1
Security groups	2

Below the resource list, there are sections for 'Launch instance' and 'Service health'. The 'Launch instance' section provides instructions on how to get started. The 'Service health' section includes a link to the 'AWS Health Dashboard'.

The screenshot shows the AWS Management Console for the us-east-1 region, specifically the 'Volumes' page. The left sidebar contains navigation links for various services. The main content area displays the 'Volumes (1)' section, which includes a search bar and a table of volumes.

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshots
-	vol-05316a4c107f240fb	gp3	8 GiB	3000	125	snap-03c...

Below the table, there is a 'Select a volume above' prompt. The right sidebar contains navigation links for various services.

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URL: <https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateVolume:>

aws Services Search [Alt+S] N. Virginia Corestack\_Role/rajyadav1\_mphasis @ 4532-1661-1425

### Volume settings

Volume type [Info](#)  
General Purpose SSD (gp2)

Size (GiB) [Info](#)  
15  
Min: 1 GiB, Max: 16384 GiB. The value must be an integer.

IOPS [Info](#)  
100 / 3000  
Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS.

Throughput (MiB/s) [Info](#)  
Not applicable

Availability Zone [Info](#)  
us-east-1a

Snapshot ID - optional [Info](#)

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URL: <https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#CreateVolume:>

aws Services Search [Alt+S] N. Virginia Corestack\_Role/rajyadav1\_mphasis @ 4532-1661-1425

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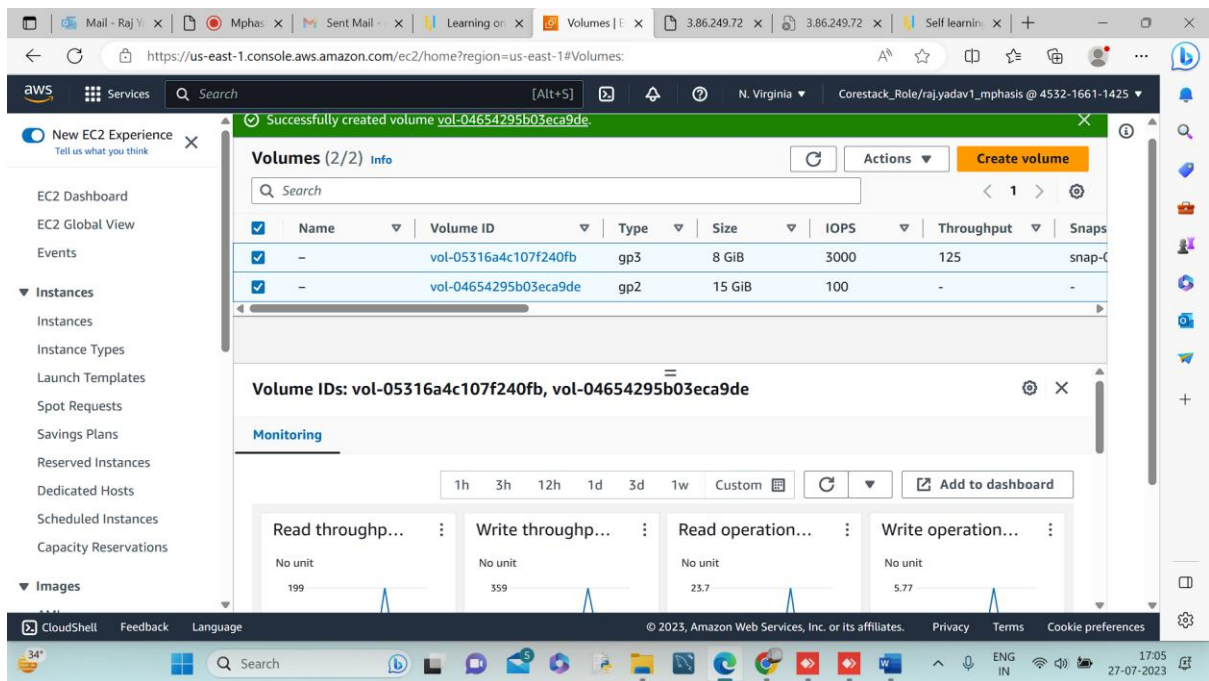
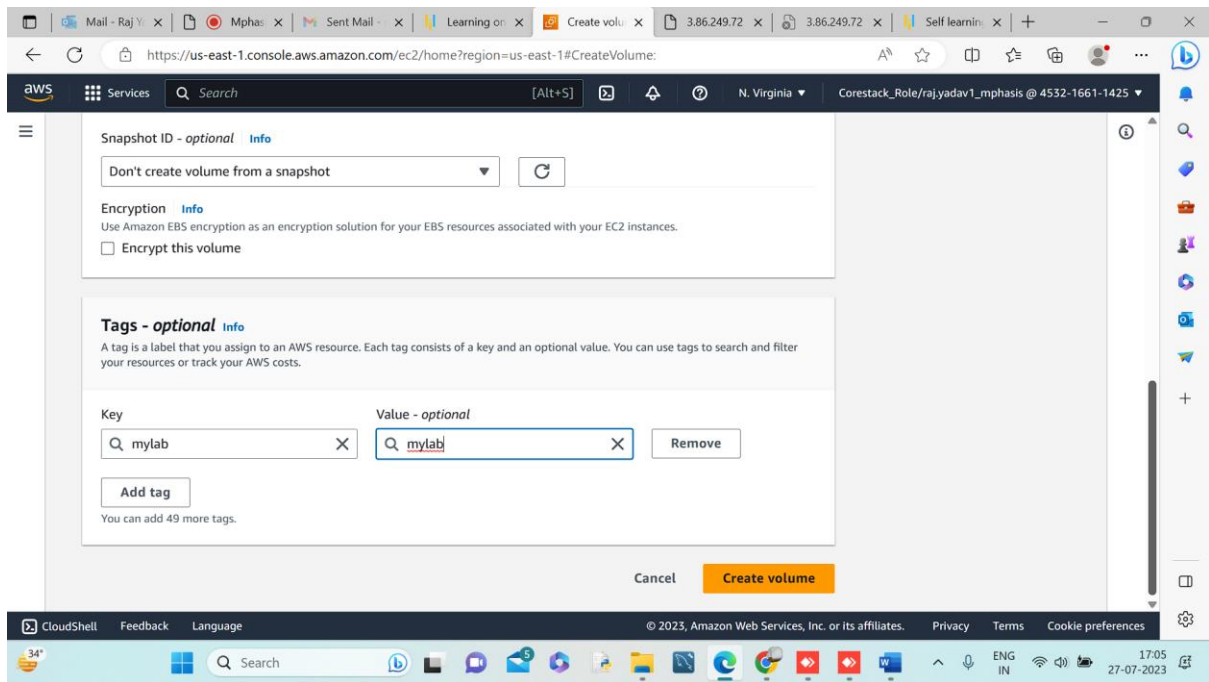
Availability Zone [Info](#)  
us-east-1d

Snapshot ID - optional [Info](#)  
Don't create volume from a snapshot

Encryption [Info](#)  
Use Amazon EBS encryption as an encryption solution for your EBS resources associated with your EC2 instances.  
☐ Encrypt this volume

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Successfully created volume vol-04654295b03eca9de.

### Volumes (1/2) Info

Name	Volume ID	Type	Size	IOPS
-	vol-05316a4c107f240fb	gp3	8 GiB	300
<input checked="" type="checkbox"/>	vol-04654295b03eca9de	gp2	15 GiB	100

#### Volume ID: vol-04654295b03eca9de

Details	Status checks	Monitoring	Tags
Volume ID vol-04654295b03eca9de	Size 15 GiB	Type gp2	Volume status Okay
AWS Compute Optimizer finding This user is not authorized to call AWS Compute Optimizer.	Volume state Available	IOPS 100	Throughput -

Actions:

- Modify volume
- Create snapshot
- Create snapshot lifecycle policy
- Delete volume
- Attach volume
- Detach volume
- Force detach volume
- Manage auto-enabled I/O
- Manage tags
- Fault injection

### Attach volume to an instance to use it as you would a regular physical hard disk drive.

#### Basic details

Volume ID  
vol-04654295b03eca9de

Availability Zone  
us-east-1d

Instance  
i-06b0c5c3166821e22

Device name  
/dev/sdf

Newer Linux kernels may rename your devices to /dev/xvdf through /dev/xvdp internally, even when the device name entered here (and shown in

Mail - Raj Y

Mphas

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https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:

aws Services Search [Alt+S] N. Virginia Corestack\_Role/raj.yadav1\_mphasis @ 4532-1661-1425

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Instances (1/1) Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
MYLABEC2	i-06b0c5c3166821e22	Running	t2.micro	2/2 checks passed	No alarms

Instance: i-06b0c5c3166821e22 (MYLABEC2)

Block devices

Filter block devices

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time
vol-05316a4c107f240fb	/dev/xvda	8	Attached	2023/07/27 13:59 GMT+5:30
vol-04654295b03eca9de	/dev/sdf	15	Attached	2023/07/27 17:07 GMT+5:30

Recent root volume replacement tasks

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