

Practical:- 2

#EBS, CREATING VOLUME

Create volume [Info](#)

Create an Amazon EBS volume to attach to any EC2 instance in the same Availability Zone.

Volume settings

Volume type [Info](#)

General Purpose SSD (gp3)

Size (GiB) [Info](#)

5

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.

Search EC2 and scroll to volumes.

Click on create volume and choose the settings as per the requirements. (here we have chosen gp3 -> size=5 and rest are default.

125

Min: 125 MiB, Max: 1000 MiB, Baseline: 125 MiB/s.

Availability Zone [Info](#)

eu-north-1a

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

Tags - optional [Info](#)

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

No tags associated with the resource.

[Add tag](#)

You can add 50 more tags.

Keep the availability zone as the required zone in other activities too.

EC2 > Volumes > vol-05cd0b9b6dabcb4d1 > Attach volume

Attach volume

Info

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

Basic details

Volume ID

vol-05cd0b9b6dabcb4d1

Availability Zone

ap-south-1a

Instance

Info

i-00122ecfde1397844

(mywebserver) (running)

Only instances in the same Availability Zone as the selected volume are displayed.

Device name

Info

Recommended device names for Linux: /dev/xvda for root volume, /dev/sd[f-p] for data volumes.

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

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Successfully created volume vol-0a7b0e2509c43086f.

Volumes (4)

Info

Last updated 1 minute ago

Actions

Create volume

Choose filter set

Search

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
		vol-0945a694cf61e84eb	gp3	8 GiB	3000	125	-	2025/09/
		vol-007c98ddd9f4dcea4	gp3	5 GiB	3000	125	-	2025/09/

Fault tolerance for all volumes in this Region

Snapshot summary

Recently backed up volumes / Total # volumes

0 / 1

Last updated on Sun, Sep 21, 2025, 05:19:32 PM (GMT+05:30)

Data Lifecycle Manager default policy for EBS Snapshots status

No default policy set up | Create policy

Newly created volume is marked by the red colour.