

Assignment 3

Working with EBS volumes

The screenshot shows the AWS Management Console 'Volumes' page. The left sidebar contains navigation links for Instances, Images, Elastic Block Store, Network & Security, Load Balancing, and Auto Scaling. The main content area displays a table of EBS volumes. The table has columns for Name, Volume ID, Size, Volume Type, IOPS, Throughput, Snapshot, Created, Availability Zone, State, Alarm Status, Attachment Information, Monitoring, and Volume Status. A single volume is listed: vol-00e343373beabd3b1, 8 GiB, gp2, 100 IOPS, Throughput, snap-0350fa19a1ac7579d, September 13, 2021, us-east-2c, in-use, None, i-0059d53b92a12694, and OK. Below the table, the 'Description' tab is selected, showing details for the volume: Volume ID (vol-00e343373beabd3b1), Alarm status (None), Snapshot (snap-0350fa19a1ac7579d), Availability Zone (us-east-2c), Encryption (Not Encrypted), KMS Key ID, KMS Key Aliases, KMS Key ARN, Outposts ARN, Size (8 GiB), Created (September 13, 2021 at 6:07:40 PM UTC+5:30), State (in-use), Attachment Information (i-0059d53b92a12694/dev/xvda (attached)), Volume type (gp2), Product codes, IOPS (100), and Multi-Attach Enabled (No).

Name	Volume ID	Size	Volume Type	IOPS	Throughput	Snapshot	Created	Availability Zone	State	Alarm Status	Attachment Information	Monitoring	Volume Status
	vol-00e343373beabd3b1	8 GiB	gp2	100	-	snap-0350fa19a1ac7579d	September 13, 2021	us-east-2c	in-use	None	i-0059d53b92a12694	OK	OK

Create an EBS volume and attach to an EC2 instance

The screenshot shows the AWS Management Console 'Create Volume' page. The left sidebar contains navigation links for Volumes, Create Volume, and other services. The main content area displays a green success message: 'Volume created successfully' with Volume ID vol-003ef4a324201a84. A 'Close' button is visible below the message.

us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Volumes:sort=desc:createTime

Search for services, features, marketplace products, and docs [Alt+S]

Create Volume Actions

Filter by tags and attributes or search by keyword

Name	Volume ID	Size	Volume Type	IOPS	Throughput	Snapshot	Created	Availability Zone	State	Alarm Status	Attachment Information	Monitoring	Volume Status
	vol-003fe4a...	100 GiB	gp2	300	-		September 13, 2021	us-east-2c	available	None			Okay
	vol-00e3433...	8 GiB	gp2	100	-	snap-0350fa19...	September 13, 2021	us-east-2c	in-use	None	i-0059d53e92a1269...		Okay

Volumes: | vol-003fe4a324201a84

Description Status Checks Monitoring Tags

Volume ID: vol-003fe4a324201a84
Alarm status: None
Snapshot: -
Availability Zone: us-east-2c
Encryption: Not Encrypted
KMS Key ID: -
KMS Key ARN: -
Throughput (MB/s): -

Attach Volume

Volume: vol-003fe4a324201a84 in us-east-2c
Instance: i-0059d53e92a12694 in us-east-2c
Device: /dev/sdf
Linux Devices: /dev/sdf through /dev/sdp

Note: 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 through /dev/sdp.

Cancel Attach

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us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2#Volumes:sort=desc:createTime

Search for services, features, marketplace products, and docs [Alt+S]

Create Volume Actions

Filter by tags and attributes or search by keyword

Name	Volume ID	Size	Volume Type	IOPS	Throughput	Snapshot	Created	Availability Zone	State	Alarm Status	Attachment Information	Monitoring	Volume Status
	vol-003fe4a...	100 GiB	gp2	300	-		September 13, 2021	us-east-2c	in-use	None	i-0059d53e92a1269...		Okay
	vol-00e3433...	8 GiB	gp2	100	-	snap-0350fa19...	September 13, 2021	us-east-2c	in-use	None	i-0059d53e92a1269...		Okay

Volumes: | vol-003fe4a324201a84

Description Status Checks Monitoring Tags

Volume ID: vol-003fe4a324201a84
Alarm status: None
Snapshot: -
Availability Zone: us-east-2c
Encryption: Not Encrypted
KMS Key ID: -
KMS Key ARN: -
Throughput (MB/s): -

Outposts ARN: -
Size: 100 GiB
Created: September 13, 2021 at 6:25:19 PM UTC+5:30
State: in-use
Attachment information: i-0059d53e92a12694 /dev/sdf (attached)
Volume type: gp2
Product codes: -
IOPS: 300
Multi-Attach Enabled: No

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