

SNAPSHOTS

1. Same AZ create snapshot and restore

Create EC2 instance

Instances (2) Info								
<div>Refresh</div> <div>Connect</div> <div>Instance state</div> <div>Actions</div> <div>Launch instances</div>								
<div>Search</div>								
<div>< 1 ></div>								
<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DI
<input type="checkbox"/>	1 - instance	i-0468198b6c2b04970	Running	t2.micro	2/2 checks passed	No alarms	us-east-2c	ec2-18-191-1.

Check instance 2 drive create

Devices and drives (2)	
<div>Local Disk (C:)</div> <div>12.9 GB free of 29.9 GB</div>	<div>New Volume (D:)</div> <div>1.97 GB free of 1.99 GB</div>

Create folder in d drive

This PC > New Volume (D:) >				
Quick access	Name	Date modified	Type	Size
Desktop	before snap	6/23/2022 4:03 AM	File folder	
Documents				

Open volume option and create snapshot

Volumes (1/2)							
<div>Filter volumes</div>							
<input type="checkbox"/>	c -drive	vol-0d9df005633703e0d	gp2	30 GiB	100	-	snap-0d725
<input checked="" type="checkbox"/>	d-drive	vol-035feb02ee8cb60d7	gp2	2 GiB	100	-	-

Actions

Create volume

Modify volume

Create snapshot

Create snapshot lifecycle policy

Delete volume

Attach volume

Detach volume

Create snapshot option

Details

Volume ID
vol-035feb02ee8cb60d7 (d-drive)

Description
Add a description for your snapshot
create before modify
255 characters maximum.

Encryption
Not encrypted

Tags

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.

Cancel

Create snapshot

SNAPSHOTS

If I create a folder immediately after taking a snapshot, will it be included in the snapshot?

Let's see create folder

Name	Date modified	Type	Size
before snap	6/23/2022 4:03 AM	File folder	
after snap	6/23/2022 4:08 AM	File folder	

Open snapshot option and check ss create or not?

Snapshots (1/1)								Recycle Bin	Actions	Create snapshot
Owned by me	Filter snapshots by attributes and tags							< 1 >		
<input checked="" type="checkbox"/>	Name	Snapshot ID	Size	Description	Storage...	Snapshot status	Started			
<input checked="" type="checkbox"/>	d-snap1	snap-0ac6e1bf65d544d84	2 GiB	create before modify	Standard	Completed	2022/06/23 09:37 GMT+5:...			

Attach snapshot to volume see both folder show or 1 folder showing

Snapshots (1/1)								Recycle Bin	Actions	Create snapshot
Owned by me	Filter snapshots by attributes and tags									
<input checked="" type="checkbox"/>	Name	Snapshot ID	Size	Description	Storage...	Snapshot status	Started			
<input checked="" type="checkbox"/>	d-snap1	snap-0ac6e1bf65d544d84	2 GiB	create before modify	Standard	Completed	2022/06/23 09:37 GMT+5:...			

Select same zone and size

Snapshot ID
snap-0ac6e1bf65d544d84 (d-snap1)

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

Size (GiB) [Info](#)
2
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-2c

Fast snapshot restore [Info](#)
Not enabled for selected snapshot

Open volume and see snap available or not

Volumes (1/3)

Q

Filter volumes

Actions

Create volume

<

1

>

<div><div></div></div>	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created
<div><input type="checkbox"/></div>	c-drive	vol-0d9df005633703e0d	gp2	30 GiB	100	-	snap-0d725d0...	2022/06/23 09:23 GMT+5:...
<div><input type="checkbox"/></div>	d-drive	vol-035feb02ee8cb60d7	gp2	2 GiB	100	-	-	2022/06/23 09:30 GMT+5:...
<div><input checked="" type="checkbox"/></div>	snap1	vol-0e23f50bd86fe903c	gp2	2 GiB	100	-	snap-0ac6e1b...	2022/06/23 09:43 GMT+5:...

SNAPSHOTS

Attach snap to instance

Volumes (1/3)

Filter volumes

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
<input type="checkbox"/>	c-drive	vol-0d9df005633703e0d	gp2	30 GiB	100	-	snap-0d725
<input type="checkbox"/>	d-drive	vol-035feb02ee8cb60d7	gp2	2 GiB	100	-	-
<input checked="" type="checkbox"/>	snap1	vol-0e23f50bd86fe903c	gp2	2 GiB	100	-	snap-0ac6e

Actions

- Modify volume
- Create snapshot
- Create snapshot lifecycle policy
- Delete volume
- Attach volume**
- Detach volume

Select instance and attach

Basic details

Volume ID
vol-0e23f50bd86fe903c (snap1)

Availability Zone
us-east-2c

Instance [Info](#)
i-0468198b6c2b04970

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

Device name [Info](#)
xvdg

Recommended device names for Windows: /dev/sda1 for root volume, xvd[f-p] for data volumes.

Cancel **Attach volume**

If I Attach the snapshot, will it show me directly or not?

Check instance side snap available but offline status

Disk 1
Basic
2.00 GB
Online

New Volume (D:)
2.00 GB NTFS
Healthy (Primary Partition)

Disk 2
Basic
2.00 GB
Offline

2.00 GB

Unallocated Primary partition

Right click to online status

Disk 1
Basic
2.00 GB
Online

New Volume (D:)
2.00 GB NTFS
Healthy (Primary Partition)

Disk 2
Basic
2.00 GB
Offline

Online
Properties
Help

Unallocated Primary partition

SNAPSHOTS

Check drive

Devices and drives (3)



Local Disk (C:)

13.3 GB free of 29.9 GB



New Volume (D:)

1.97 GB free of 1.99 GB



New Volume (E:)

1.97 GB free of 1.99 GB

Check e drive 2 folder available or 1(1 folder because after snap create new folder that's why not include snap)

Name	Date modified	Type	Size
before snap	6/23/2022 4:03 AM	File folder	

Delete snap

Volumes (1/3)

Filter volumes

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
c-drive	vol-0d9df005633703e0d	gp2	30 GiB	100	-	snap-0d725dc
d-drive	vol-035feb02ee8cb60d7	gp2	2 GiB	100	-	-
snap1	vol-0e23f50bd86fe903c	gp2	2 GiB	100	-	snap-0ac6e1b

Actions

- Modify volume
- Create snapshot
- Create snapshot lifecycle policy
- Delete volume
- Attach volume
- Detach volume
- Force detach volume

Delete volume

Volumes (1/4)

Filter volumes

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
c-drive	vol-0d9df005633703e0d	gp2	30 GiB	100	-	snap-0d725dc
d-drive	vol-035feb02ee8cb60d7	gp2	2 GiB	100	-	-
snap1	vol-0e23f50bd86fe903c	gp2	2 GiB	100	-	snap-0ac6e1b

Actions

- Modify volume
- Create snapshot
- Create snapshot lifecycle policy
- Delete volume
- Attach volume
- Detach volume

Delete in instance

Devices and drives (2)



Local Disk (C:)

13.3 GB free of 29.9 GB



New Volume (D:)

1.97 GB free of 1.99 GB

Now I take another snapshot and attach it to it, will I see the two folders now?

Create new snapshot

Volumes (1/3)

Filter volumes

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
c-drive	vol-0d9df005633703e0d	gp2	30 GiB	100	-	snap-0d725dc
d-drive	vol-035feb02ee8cb60d7	gp2	2 GiB	100	-	-

Actions

- Modify volume
- Create snapshot
- Create snapshot lifecycle policy
- Delete volume
- Attach volume

SNAPSHOTS

Successfully create new snap

Successfully created volume vol-0e23f50bd86fe903c.

Snapshots (1/2)

Owned by me

Filter snapshots by attributes and tags

	Name	Snapshot ID	Size	Description	Storage...	Snapshot status	Started
<input type="checkbox"/>	d-snap1	snap-0ac6e1bf65d544d84	2 GiB	create before modify	Standard	Completed	2022/06/23 09:37 GMT+5:...
<input checked="" type="checkbox"/>	d-snap2	snap-0f9d3bce14703bdb9	2 GiB	after change snap2	Standard	Completed	2022/06/23 09:58 GMT+5:...

Attached snap to volume

Snapshots (1/2)

Owned by me

Filter snapshots by attributes and tags

	Name	Snapshot ID	Size	Description	Storage...	Snapshot status
<input type="checkbox"/>	d-snap1	snap-0ac6e1bf65d544d84	2 GiB	create before modify	Standard	Completed
<input checked="" type="checkbox"/>	d-snap2	snap-0f9d3bce14703bdb9	2 GiB	after change snap2	Standard	Completed

Create volume from snapshot

Create image from snapshot

Copy snapshot

Modify permissions

Manage fast snapshot restore

Configuration

Snapshot ID

snap-0f9d3bce14703bdb9 (d-snap2)

Volume type [Info](#)

General Purpose SSD (gp2)

Size (GiB) [Info](#)

2

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-2c

Fast snapshot restore [Info](#)

Not enabled for selected snapshot

Attach volume

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
<input type="checkbox"/>	c-drive	vol-0d9df005633703e0d	gp2	30 GiB	100	-	snap-0d725dc
<input type="checkbox"/>	d-drive	vol-035feb02ee8cb60d7	gp2	2 GiB	100	-	-
<input checked="" type="checkbox"/>	snap2	vol-01b6317d482eed734	gp2	2 GiB	100	-	snap-0f9d3bc
<input type="checkbox"/>	az2-c-drive	vol-0b9bb7c21acf8d22c	gp2	30 GiB	100	-	snap-0d725dc

Create snapshot

Create snapshot lifecycle policy

Delete volume

Attach volume

Detach volume

Force detach volume

Select instance

Basic details

Volume ID

vol-01b6317d482eed734 (snap2)

Availability Zone

us-east-2c

Instance [Info](#)

i-0468198b6c2b04970

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

Device name [Info](#)

xvdg

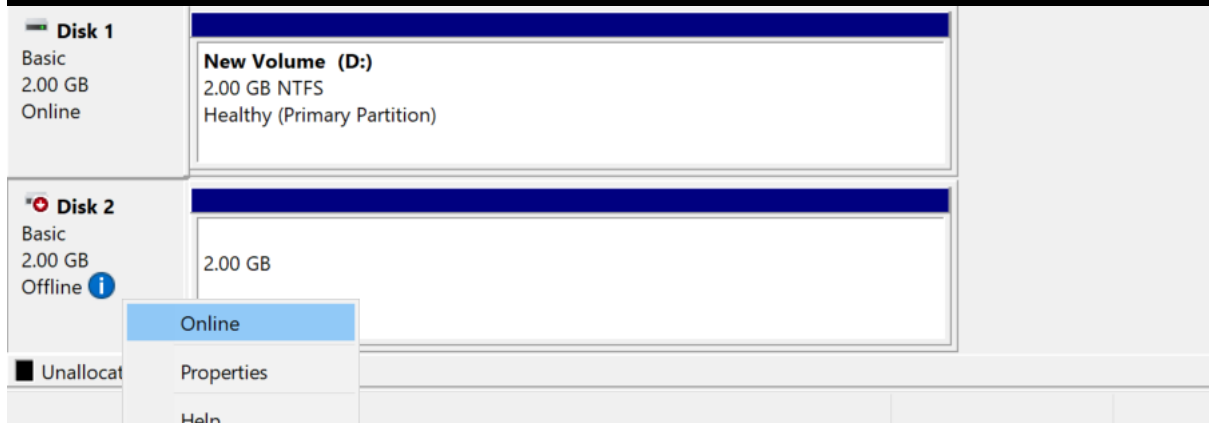
Recommended device names for Windows: /dev/sda1 for root volume, xvd[f-p] for data volumes.

Cancel

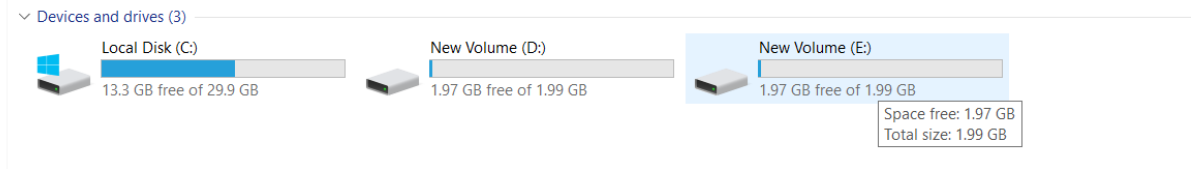
Attach volume

SNAPSHOTS

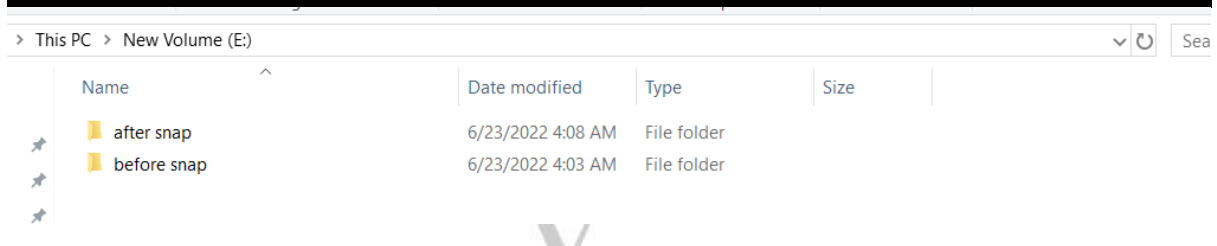
Select online



See attach snap

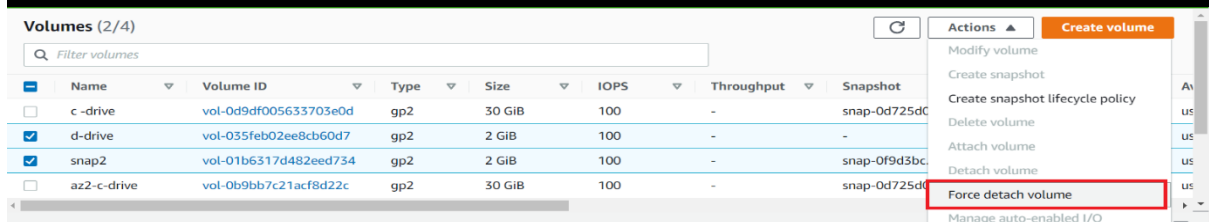


Both folder created

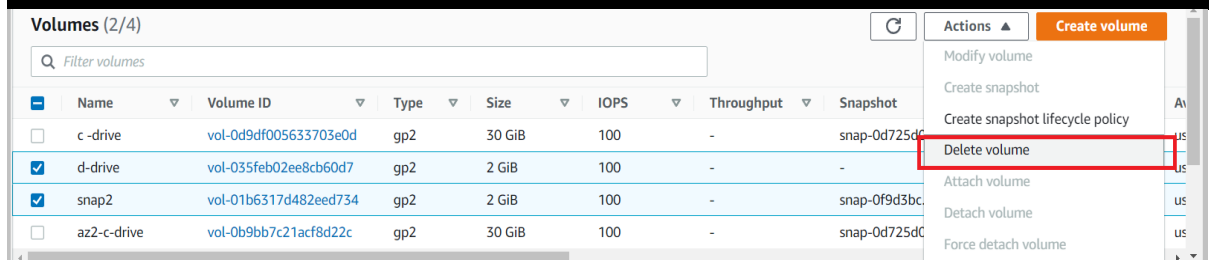


Now if I took the first snapshot and deleted all the drives and attached 2 snapshots, would I get both the folders or not?

Force detach volume



Delete both drive



SNAPSHOTS

Check in instance

✓ Devices and drives (1)



Local Disk (C:)

13.3 GB free of 29.9 GB

Also delete snapshot

Snapshots (1/2)

Owned by me

Filter snapshots by attributes and tags

	Name	Snapshot ID	Size	Description	Storage...	Snapshot status
<input checked="" type="checkbox"/>	d-snap1	snap-0ac6e1bf65d544d84	2 GiB	create before modify	Standard	Completed
<input type="checkbox"/>	d-snap2	snap-0f9d3bce14703bdb9	2 GiB	after change snap2	Standard	Completed

- Actions ▲ Create snapshot
- Create volume from snapshot

Create image from snapshot

Copy snapshot

Modify permissions

Manage fast snapshot restore

Archive snapshot

Restore snapshot from archive

Change restore period

Delete snapshot

Manage tags

Select snap 2 and attach volume

Snapshots (1/1)

Owned by me

Filter snapshots by attributes and tags

	Name	Snapshot ID	Size	Description	Storage...	Snapshot status
<input checked="" type="checkbox"/>	d-snap2	snap-0f9d3bce14703bdb9	2 GiB	after change snap2	Standard	Completed

- Actions ▲ Create snapshot
- Create volume from snapshot

Create image from snapshot

Copy snapshot

Modify permissions

Attach volume

Volumes (1/3)

Filter volumes

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
<input type="checkbox"/>	c -drive	vol-0d9df005633703e0d	gp2	30 GiB	100	-	snap-0d725d0c
<input checked="" type="checkbox"/>	snap2	vol-0feeb9bbf66b77a17	gp2	2 GiB	100	-	snap-0f9d3bce
<input type="checkbox"/>	az2-c-drive	vol-0b9bb7c21acf8d22c	gp2	30 GiB	100	-	snap-0d725d0c

- Actions ▲ Create volume
- Modify volume

Create snapshot

Create snapshot lifecycle policy

Delete volume

Attach volume

Detach volume

Successfully direct attached

✓ Devices and drives (2)



Local Disk (C:)

13.3 GB free of 29.9 GB



New Volume (D:)

1.97 GB free of 1.99 GB

Both folder because use incremental backup

Name	Date modified	Type	Size
after snap	6/23/2022 4:08 AM	File folder	
before snap	6/23/2022 4:03 AM	File folder	

SNAPSHOTS

2. If I have taken a snapshot in one AZ -1(2C), will I be able to restore the snapshot in another AZ-2 (2A) or not?

Create EC2 in different AZ

Instances (3) Info

Search

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
<input type="checkbox"/>	1 - instance	i-0468198b6c2b04970	Running	t2.micro	2/2 checks passed	No alarms	us-east-2c	ec2-18-191-
<input type="checkbox"/>	-	i-054cf45df39521c14	Terminated	t2.micro	-	No alarms	us-east-2c	-
<input type="checkbox"/>	2 - az	i-0ec82e3ebd5703a3f	Running	t2.micro	2/2 checks passed	No alarms	us-east-2a	ec2-3-141-2

Check new EC2 drive

Devices and drives (1)



Local Disk (C:)

13.3 GB free of 29.9 GB

Create snap to volume convert

Snapshots (1/1)

Owned by me

Filter snapshots by attributes and tags

	Name	Snapshot ID	Size	Description	Storage...	Snapshot status
<input checked="" type="checkbox"/>	d-snap2	snap-0f9d3bce14703bdb9	2 GiB	after change snap2	Standard	Completed

Actions

- Create snapshot
- Create volume from snapshot
- Create image from snapshot
- Copy snapshot
- Modify permissions

Different AZ select to restore snap

Snapshot ID

snap-0f9d3bce14703bdb9 (d-snap2)

Volume type

General Purpose SSD (gp2)

Size (GiB)

2

Min: 1 GiB, Max: 16384 GiB. The value must be an integer.

IOPS

100 / 3000

Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS.

Throughput (MiB/s)

Not applicable

Availability Zone

us-east-2a

Fast snapshot restore

Not enabled for selected snapshot

Attach volume

Volumes (1/3)

Filter volumes

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot
<input type="checkbox"/>	AZ1-C-DRIVE	vol-0d9df005633703e0d	gp2	30 GiB	100	-	snap-0d725dc
<input type="checkbox"/>	AZ2-C-DRIVE	vol-0b9bb7c21acf8d22c	gp2	30 GiB	100	-	snap-0d725dc
<input checked="" type="checkbox"/>	snap2 -AZ2	vol-058b2a5d45fb3fc0f	gp2	2 GiB	100	-	snap-0f9d3bc

Actions

- Modify volume
- Create snapshot
- Create snapshot lifecycle policy
- Delete volume
- Attach volume

SNAPSHOTS

See attach volume

Devices and drives (2)



Local Disk (C:)

13.3 GB free of 29.9 GB



New Volume (D:)

1.97 GB free of 1.99 GB

Successfully restore one AZ to another AZs

Name	Date modified	Type	Size
after snap	6/23/2022 4:08 AM	File folder	
before snap	6/23/2022 4:03 AM	File folder	



SNAPSHOTS

3. If I have taken a snapshot in one Region (Ohio), will I be able to restore the snapshot in another Region (Mumbai-ap-south-1) or not?

Copy to snap option select

Snapshots (1/1)

Owned by me

Filter snapshots by attributes and tags

	Name	Snapshot ID	Size	Description	Storage...	Snapshot status	Actions
<input checked="" type="checkbox"/>	d-snap2	snap-0f9d3bce14703bdb9	2 GiB	after change snap2	Standard	Completed	<div>Copy snapshot</div>

change destination region to copy snap

Snapshot ID

The ID of the original snapshot that is to be copied.

[snap-0f9d3bce14703bdb9 \(d-snap2\)](#)

New snapshot settings

Description

A description for the snapshot copy.

[Copied snap-0f9d3bce14703bdb9 from us-east-2] after change snap2

255 characters maximum.

Destination Region

The Region in which to create the snapshot copy.

ap-south-1

Encryption [Info](#)

Use Amazon EBS encryption as an encryption solution for your EBS resources.

☐ Encrypt this snapshot

Cancel **Copy snapshot**

Check Mumbai region successfully copy

Snapshots (1/1)

Owned by me

Filter snapshots by attributes and tags

	Name	Snapshot ID	Size	Description	Storage...	Snapshot status	Started
<input checked="" type="checkbox"/>	ohio - mumbai snap2	snap-0809b4816cf365748	2 GiB	[Copied snap-0f9d3bce147...	Standard	Completed	2022/06/23 10:23 GMT+5...

Create volume from snap

Snapshots (1/1)

Owned by me

Filter snapshots by attributes and tags

	Name	Snapshot ID	Size	Description	Storage...	Snapshot status	Actions
<input checked="" type="checkbox"/>	ohio - mumbai snap2	snap-0809b4816cf365748	2 GiB	[Copied snap-0f9d3bce147...	Standard	Completed	<div>Create volume from snapshot</div>

Successfully add volume

Volumes (1/2)

Filter volumes

	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created
<input type="checkbox"/>	c-drive	vol-087d8b59ba5336c1f	gp2	30 GiB	100	-	snap-06543ad...	2022/06/23 10:22 GMT+5...
<input checked="" type="checkbox"/>	snap2-ohio-d-drive	vol-03e11652df4e098e2	gp2	2 GiB	100	-	snap-0809b48...	2022/06/23 10:25 GMT+5...

SNAPSHOTS

Attach volume

Volumes (1/2)

Filter volumes

	Name	Volume ID	Type	Size	IOPS	Through
<input type="checkbox"/>	c-drive	vol-087d8b59ba5336c1f	gp2	30 GiB	100	-
<input checked="" type="checkbox"/>	snap2-ohio-d-drive	vol-03e11652df4e098e2	gp2	2 GiB	100	-

Actions

- Modify volume
- Create snapshot
- Create snapshot lifecycle policy
- Delete volume
- Attach volume

Create volume

< 1 >

ed

/06/23 10:22 GMT+5:...

/06/23 10:25 GMT+5:...

Successfully add

Devices and drives (2)

Local Disk (C:)

12.9 GB free of 29.9 GB

New Volume (D:)

1.97 GB free of 1.99 GB

Restore full backup

This PC > New Volume (D:) >

Name	Date modified	Type	Size
after snap	6/23/2022 4:08 AM	File folder	
before snap	6/23/2022 4:03 AM	File folder	



SNAPSHOTS

4. If I have taken a snapshot in one VPC , will I be able to restore the snapshot in another VPC and another AZs or not?

Create different vpc and different AZ

<input type="checkbox"/>	-	i-0fc3ff6c2faf8acae	Terminated	t2.micro	No alarms	+	us-east-2a	-
<input type="checkbox"/>	C-INS	i-0e97951208900a9d9	Running	t2.micro	2/2 checks passed	+	us-east-2a	-
<input type="checkbox"/>	D-INS	i-0468198b6c2b04970	Running	t2.micro	2/2 checks passed	+	us-east-2c	ec2-18-191
<input type="checkbox"/>	2 -az	i-0ec82e3ebd5703a3f	Terminated	t2.micro	No alarms	+	us-east-2a	-

Check drive

Devices and drives (1)



Local Disk (C:)

12.9 GB free of 29.9 GB

Create volume from snap

Snapshots (1/1)

Owned by me

Filter snapshots by attributes and tags

Actions

- Create snapshot
- Create volume from snapshot
- Create image from snapshot
- Copy snapshot
- Modify permissions

Name	Snapshot ID	Size	Description	Storage...	Snapshot st...
d-snap2	snap-0f9d3bce14703bdb9	2 GiB	after change snap2	Standard	Complete

Change AZ

Snapshot ID

snap-0f9d3bce14703bdb9 (d-snap2)

Volume type

General Purpose SSD (gp2)

Size (GiB)

2

Min: 1 GiB, Max: 16384 GiB. The value must be an integer.

IOPS

100 / 3000

Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS.

Throughput (MiB/s)

Not applicable

Availability Zone

us-east-2a

Fast snapshot restore

Not enabled for selected snapshot

CONVERT SUCCESSFULLY

Volumes (1/3)

Filter volumes

Actions

Create volume

Name	Size	Availability Zone	Volume state	Alarm status	Attached Instan
D-C-DRIVE	30 GiB	us-east-2c	In-use	No alarms	i-0468198b6c2b
C-C-DRIVE	30 GiB	us-east-2a	In-use	No alarms	i-0e9795120890
SNAP2	2 GiB	us-east-2a	Available	No alarms	-

SNAPSHOTS

Attach volume

Volumes (1/3)

Filter volumes

	Name	Size	Availability Zone	Volume state
<input type="checkbox"/>	D-C-DRIVE	30 GiB	us-east-2c	In-use
<input type="checkbox"/>	C-C-DRIVE	30 GiB	us-east-2a	In-use
<input checked="" type="checkbox"/>	SNAP2	2 GiB	us-east-2a	Available

Actions

- Modify volume
- Create snapshot
- Create snapshot lifecycle policy
- Delete volume
- Attach volume**
- Detach volume

Select instance

Basic details

Volume ID
vol-074202be662f491df (SNAP2)

Availability Zone
us-east-2a

Instance [Info](#)

i-0e97951208900a9d9

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

Device name [Info](#)

xvdf

Recommended device names for Windows: /dev/sda1 for root volume, xvd[f-p] for data volumes.

Cancel Attach volume

Add successfully

Devices and drives (2)

Local Disk (C:) 12.9 GB free of 29.9 GB

New Volume (D:) 1.97 GB free of 1.99 GB

Restore full backup

Name	Date modified	Type	Size
after snap	6/23/2022 4:08 AM	File folder	
before snap	6/23/2022 4:03 AM	File folder	