

i-06cd48064b0de3b1d (My First Instance)

Public IPs: 13.59.1.64    Private IPs: 172.31.40.217

ec2-user@ip-172-31-40-217:~

Warning: Identity file Ec2-Instance.pem not accessible: No such file or directory.

ec2-user@13.59.1.64: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).

PS C:\Users\Vaibhav Joshi> cd Desktop

PS C:\Users\Vaibhav Joshi\Desktop> ssh -i Ec2-Instance.pem ec2-user@13.59.1.64

Warning: Identity file Ec2-Instance.pem not accessible: No such file or directory.

ec2-user@13.59.1.64: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).

PS C:\Users\Vaibhav Joshi\Desktop> ssh -i Ec2-Instance.pem ec2-user@13.59.1.64

Last login: Sun Jul 11 05:43:27 2021 from ec2-3-16-146-2.us-east-2.compute.amazonaws.com

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  _ | (  _ | /
 _ | \ _ | _ |
        Amazon Linux 2 AMI
```

<https://aws.amazon.com/amazon-linux-2/>

[ec2-user@ip-172-31-40-217 ~]\$ ping google.com

PING google.com (142.250.190.46) 56(84) bytes of data.

64 bytes from ord37s33-in-f14.1e100.net (142.250.190.46): icmp\_seq=1 ttl=96 time=18.1 ms

64 bytes from ord37s33-in-f14.1e100.net (142.250.190.46): icmp\_seq=2 ttl=96 time=18.1 ms

64 bytes from ord37s33-in-f14.1e100.net (142.250.190.46): icmp\_seq=3 ttl=96 time=18.1 ms

64 bytes from ord37s33-in-f14.1e100.net (142.250.190.46): icmp\_seq=4 ttl=96 time=18.1 ms

64 bytes from ord37s33-in-f14.1e100.net (142.250.190.46): icmp\_seq=5 ttl=96 time=18.1 ms

64 bytes from ord37s33-in-f14.1e100.net (142.250.190.46): icmp\_seq=6 ttl=96 time=18.1 ms

64 bytes from ord37s33-in-f14.1e100.net (142.250.190.46): icmp\_seq=7 ttl=96 time=18.1 ms

64 bytes from ord37s33-in-f14.1e100.net (142.250.190.46): icmp\_seq=8 ttl=96 time=18.0 ms

64 bytes from ord37s33-in-f14.1e100.net (142.250.190.46): icmp\_seq=9 ttl=96 time=18.1 ms

64 bytes from ord37s33-in-f14.1e100.net (142.250.190.46): icmp\_seq=10 ttl=96 time=18.0 ms

^Z

[1]+ Stopped ping google.com

[ec2-user@ip-172-31-40-217 ~]\$

ec2-user@ip-172-31-40-217:~

Windows PowerShell

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Try the new cross-platform PowerShell <https://aka.ms/pscore6>

PS C:\Users\Vaibhav Joshi> cd Desktop

PS C:\Users\Vaibhav Joshi\Desktop> ssh -i Ec2-Instance.pem ec2-user@13.59.1.64

Last login: Sun Jul 11 05:50:24 2021 from 106.210.234.167

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  _ | _ | _ )
  _ | ( _ | /   Amazon Linux 2 AMI
 _ | \ _ | _ |
```

<https://aws.amazon.com/amazon-linux-2/>

```
  _ | _ | _ )
  _ | ( _ | /   Amazon Linux 2 AMI
 _ | \ _ | _ |
```

<https://aws.amazon.com/amazon-linux-2/>

[ec2-user@ip-172-31-40-217 ~]\$





Connect to your instance i-06cd48064b0de3b1d (My First Instance) using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 Serial Console

Instance ID

📋 i-06cd48064b0de3b1d (My First Instance)

Public IP address

📋 13.59.1.64

User name

ec2-user

Connect using a custom user name, or use the default user name ec2-user for the AMI used to launch the instance.



**Note:** In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

Cancel

Connect



Volumes > Create Volume

## Create Volume

Volume Type General Purpose SSD (gp2) ⓘ

Size (GiB) 100 (Min: 1 GiB, Max: 16384 GiB) ⓘ

IOPS 300 / 3000 (Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS) ⓘ

Throughput (MB/s) Not applicable ⓘ

Availability Zone\* us-east-2a ⓘ

Snapshot ID Select a snapshot ⓘ ↻ ⓘ

Encryption ☐ Encrypt this volume

Volumes > Create Volume

# Create Volume

✔ Volume created successfully

Volume ID vol-0fa7d241d03f186cf

Close



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

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Create VolumeActions ▾

🔍 Filter by tags and attributes or search by keyword ?

⏪ < 1 to 2 of 2 > ⏩

<input type="checkbox"/>	Name ▾	Volume ID ▾	Size ▾	Volume Type ▾	IOPS ▾	Throughput ▾	Snapshot ▾	Created ▾	Availability Zone ▾	Sta
<input type="checkbox"/>		vol-0fa7d241...	2 GiB	gp2	100	-		July 11, 2021 at 12:...	us-east-2c	🔵
<input type="checkbox"/>	My First Inst...	vol-042cbafe...	8 GiB	gp2	100	-	snap-0227dd6...	July 11, 2021 at 12:...	us-east-2c	🟢

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Filter by tags and attributes or search by keyword?

☐Name ▾

☐Volume ID ▾

☐Size ▾

☐Volume Type ▾

☐IOPS ▾

☐Throughput ▾

☐Snapshot ▾

☐Created ▾

☐Availability Zone ▾

☒My First Inst...

Attach VolumeX

Volume ⓘvol-0fa7d241d03f186cf in us-east-2c

Instance ⓘi-06cd48064b0de3b1d 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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Instances (1/1) Info

🔄ConnectInstance state▼Actions▼Launch instances

🔍Filter instances

<1>⚙️

☑	Name▼	Instance ID	Instance state▼	Instance type▼	Status check	Alarm status	Availability Zone
☑	My First Instance	i-06cd48064b0de3b1d	🟢 Running🔍	t2.micro	🟢 2/2 checks passed	No alarms +	us-east-2c

Volume ID	Device name	Volume size (GiB)	Attachment status	Attachment time	Encrypted	KM:
vol-042cbafe33a834dbd	/dev/xvda	8	🟢 Attached	Sun Jul 11 2021 00:32:41 G...	No	-
vol-0fa7d241d03f186cf	/dev/sdf	2	🟢 Attached	Sun Jul 11 2021 12:54:47 G...	No	-

Recent root volume replacement tasks

Replace root volume

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Create Volume Actions

Filter by tags and attributes or search by keyword

	Name	Volume ID	Size	Volume Type	IOPS	Throughput	Snapshot	Created	Availability Zone	Sta
<input checked="" type="checkbox"/>									us-east-2a	
<input type="checkbox"/>									us-east-2c	
<input type="checkbox"/>	My First Inst...								us-east-2c	

### Attach Volume

**Volume** ⓘ vol-098895ff5be3a937b in us-east-2a

**Instance** ⓘ  in us-east-2a

**Device** ⓘ No matching running or stopped instances were found in availability zone us-east-2a.

Cancel Attach

Volumes: | vol-098895ff5be3a937b

Description Status Checks Monitoring Tags

[Snapshots](#) > Create Snapshot

## Create Snapshot

Select resource type ☒ Volume  
☐ Instance

Volume\*  ↕ 🔄 ⓘ

Description  ⓘ

Encrypted ☐ Not Encrypted ⓘ

Key	Value
(128 characters maximum)	

Key	Value
(256 characters maximum)	

*This resource currently has no tags*

*Choose the Add tag button or [click to add a Name tag](#)*





## Create Snapshot

**Volume** vol-0fa7d241d03f186cf ⓘ

**Description**  ⓘ

**Encrypted** Not Encrypted ⓘ

**Key** (128 characters maximum)

**Value** (256 characters maximum)

*This resource currently has no tags*

*Choose the Add tag button or [click to add a Name tag](#)*

**Add Tag** 50 remaining (Up to 50 tags maximum)

\* Required

Cancel

Create Snapshot

Volumes > Create Snapshot

## Create Snapshot



Create Snapshot Request Succeeded

snap-02762b281245c8833

Manage Fast Snapshot Restore

Close

Create Snapshot

Actions

Owned By Me

Filter by tags and attributes or search by keyword

<input type="checkbox"/>	Name	Snapshot ID	Size	Description	Status	Started
<input type="checkbox"/>		snap-02762b281245...	2 GiB	Demo-snapshot	<span style="color: green;">●</span> completed	July 11, 2021 at 1:06:01



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Name

Copy Snapshot

This snapshot will be copied to a new snapshot:

Snapshot ID snap-02762b281245c8833

Set the new snapshot settings below:

Destination Region US East (Ohio)

Description [Copied snap-02762b281245c8833 from us-east-2] Demo-sna

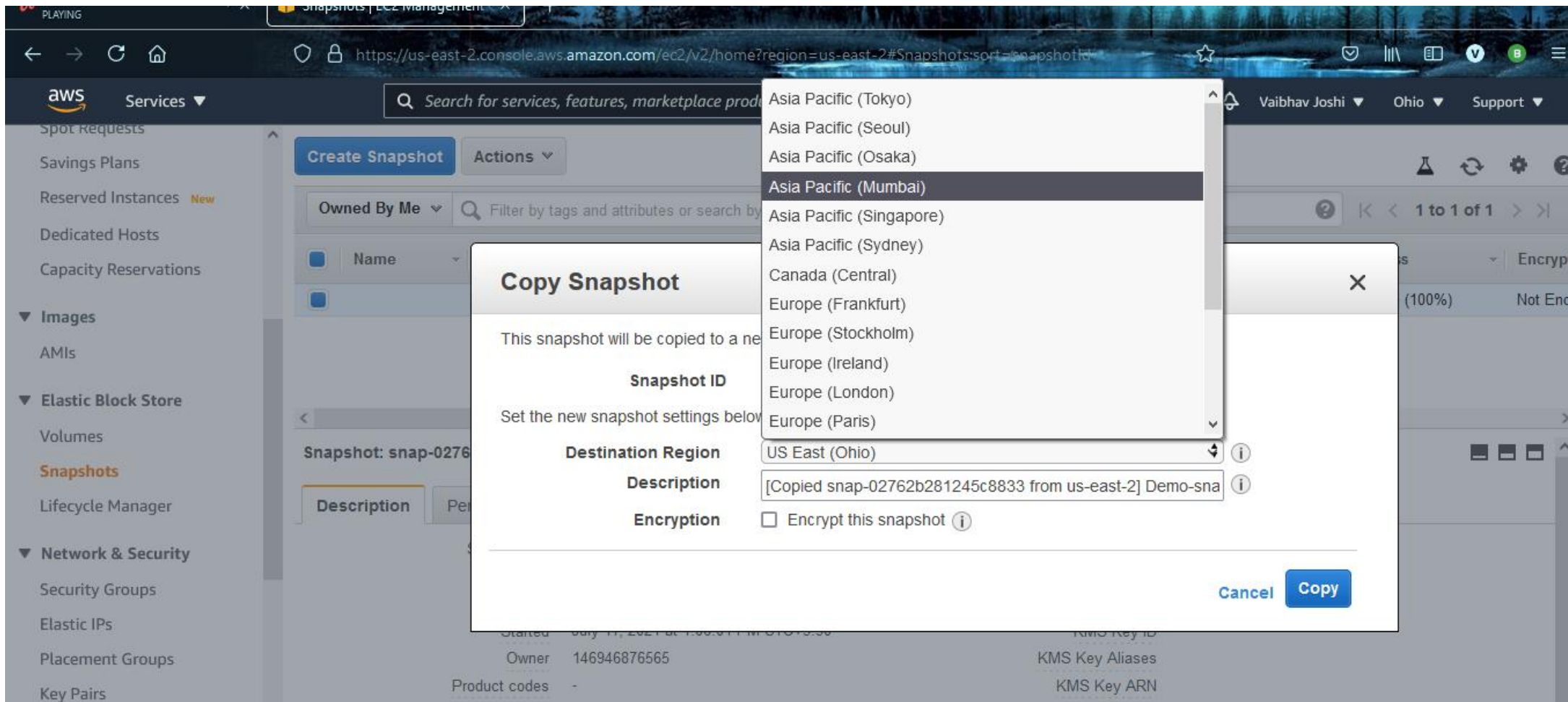
Encryption ☐ Encrypt this snapshot

Cancel Copy

Feedback English (US)

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Delete

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Manage Fast Snapshot Restore

Create Image

Copy

Modify Permissions

Add/Edit Tags

Search by keyword

1 to

	Description	Status	Started	Progress
<div></div>	Demo-snapshot	<div>completed</div>	July 11, 2021 at 1:06:01 PM ...	available (100%)

<

Snapshot: snap-02762b281245c8833

Description

Permissions

Tags

Snapshot ID	snap-02762b281245c8833	Progress	100%
Status	completed	Capacity	2 GiB
Volume	vol-0fa7d241d03f186cf	Encryption	Not Encrypted
Started	July 11, 2021 at 1:06:01 PM UTC+5:30	KMS Key ID	
Owner	146946876565	KMS Key Aliases	
Product codes	-	KMS Key ARN	
Description	Demo-snapshot	Fast Snapshot Restore	-

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[Snapshots](#) > Create Volume

# Create Volume

✔ Create Volume Request Succeeded

Volume Id [vol-05f942cec5f9e60e0](#)

Close



Create Volume

Actions ▼



Filter by tags and attributes or search by keyword



1 to 3 of 3

<input type="checkbox"/>	Name ▼	Volume ID ▼	Size ▼	Volume Type ▼	IOPS ▼	Throughput ▼	Snapshot ▼	Created ▼	Availability Zone
<input type="checkbox"/>	Restored Volume	vol-05f942ce...	2 GiB	gp2	100	-	snap-02762b2...	July 11, 2021 at 1:1...	us-east-2b
<input type="checkbox"/>		vol-0fa7d241...	2 GiB	gp2	100	-		July 11, 2021 at 12:...	us-east-2c
<input type="checkbox"/>	My First Instance	vol-042cbafe...	8 GiB	gp2	100	-	snap-0227dd6...	July 11, 2021 at 12:...	us-east-2c