

AWS | Search [Alt+S] | United

EC2 > Instances > Launch an instance

Launch an instance Info

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags Info

Name Add additional tags

Application and OS Images (Amazon Machine Image) Info

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

Search our full catalog including 1000s of application and OS images

Application and OS Images (Amazon Machine Image) Info

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Quick Start

Amazon Linux macOS Ubuntu Windows Red Hat SUSE Linux Debian

aws Mac ubuntu Microsoft Red Hat SUSE debian

Browse more AMIs Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Microsoft Windows Server 2019 Base Free tier eligible

ami-049dd04cca2dc5594 (64-bit (x86))
Virtualization: hvm ENA enabled: true Root device type: ebs

Description
Microsoft Windows 2019 Datacenter edition. [English]

Microsoft Windows Server 2019 with Desktop Experience Locale English AMI provided by Amazon

Architecture	AMI ID	Username	Verified provider
64-bit (x86)	ami-049dd04cca2dc5594	root	Verified provider

Instance type Info | Get advice

Instance type

t2.micro Free tier eligible
Family: t2 1 vCPU 1 GiB Memory Current generation: true On-Demand Windows base pricing: 0.0162 USD per Hour On-Demand Ubuntu Pro base pricing: 0.0134 USD per Hour On-Demand SUSE base pricing: 0.0116 USD per Hour On-Demand RHEL base pricing: 0.026 USD per Hour On-Demand Linux base pricing: 0.0116 USD per Hour

All generations Compare instance types

t2.nano
Family: t2 1 vCPU 0.5 GiB Memory Current generation: true On-Demand Linux base pricing: 0.0058 USD per Hour On-Demand SUSE base pricing: 0.0058 USD per Hour On-Demand Windows base pricing: 0.0081 USD per Hour On-Demand Ubuntu Pro base pricing: 0.0076 USD per Hour

t2.micro Free tier eligible
Family: t2 1 vCPU 1 GiB Memory Current generation: true On-Demand Windows base pricing: 0.0162 USD per Hour On-Demand Ubuntu Pro base pricing: 0.0134 USD per Hour On-Demand SUSE base pricing: 0.0116 USD per Hour On-Demand RHEL base pricing: 0.026 USD per Hour On-Demand Linux base pricing: 0.0116 USD per Hour

t2.small
Family: t2 1 vCPU 2 GiB Memory Current generation: true On-Demand Windows base pricing: 0.032 USD per Hour On-Demand Linux base pricing: 0.023 USD per Hour On-Demand RHEL base pricing: 0.0376 USD per Hour On-Demand SUSE base pricing: 0.053 USD per Hour On-Demand Ubuntu Pro base pricing: 0.025 USD per Hour

t2.medium
Family: t2 2 vCPU 4 GiB Memory Current generation: true On-Demand Ubuntu Pro base pricing: 0.049 USD per Hour On-Demand Linux base pricing: 0.0464 USD per Hour On-Demand RHEL base pricing: 0.0752 USD per Hour On-Demand Windows base pricing: 0.0644 USD per Hour On-Demand SUSE base pricing: 0.1464 USD per Hour

Create new key pair Edit

Create key pair

Key pair name

Key pairs allow you to connect to your instance securely.

Windows-key

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

RSA

RSA encrypted private and public key pair

ED25519

ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format

.pem

For use with OpenSSH

.ppk

For use with PuTTY

⚠️ When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)

Cancel

Create key pair

Instances (1/1) [Info](#)

Instances (1/1) Info									
Last updated 1 minute ago									
Actions ▾									
Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS	Pub	
2211CS010547...	i-0d04c4bfae82643c3	Running	t2.micro	2/2 checks passed	View alarms +	us-east-1a	ec2-54-157-241-39.co...	54.1	

i-0d04c4bfae82643c3 (2211CS010547-Windows)

[Details](#)

[Status and alarms](#)

[Monitoring](#)

[Security](#)

[Networking](#)

[Storage](#)

[Tags](#)

▼ Instance summary [Info](#)

Instance ID

[i-0d04c4bfae82643c3](#)

IPv6 address

-

Hostname type

IP name: ip-172-31-19-135.ec2.internal

Answer private resource DNS name
IPv4 (A)

Public IPv4 address

[54.157.241.39](#) | [open address](#)

Instance state

Running

Private IP DNS name (IPv4 only)

[ip-172-31-19-135.ec2.internal](#)

Instance type

t2.micro

Private IPv4 addresses

[172.31.19.135](#)

Public IPv4 DNS

[ec2-54-157-241-39.compute-1.amazonaws.com](#) | [open address](#)

Elastic IP addresses

-

Connect to instance [Info](#)

Connect to your instance i-0d04c4bfae82643c3 (2211CS010547-Windows) using any of these options

[Session Manager](#)

[RDP client](#)

[EC2 serial console](#)

Instance ID

[i-0d04c4bfae82643c3](#) (2211CS010547-Windows)

Connection Type

Connect using RDP client

Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager

To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see [Working with SSM Agent](#)

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

[Download remote desktop file](#)

When prompted, connect to your instance using the following username and password:

Public DNS

[ec2-54-157-241-39.compute-1.amazonaws.com](#)

Password

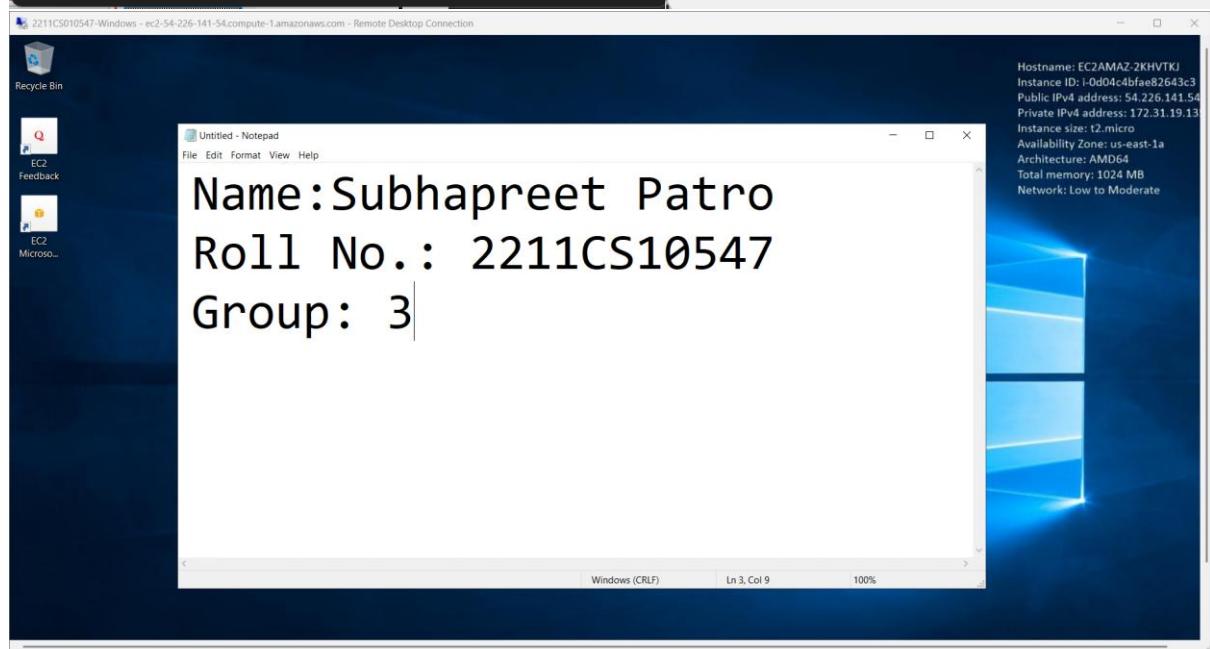
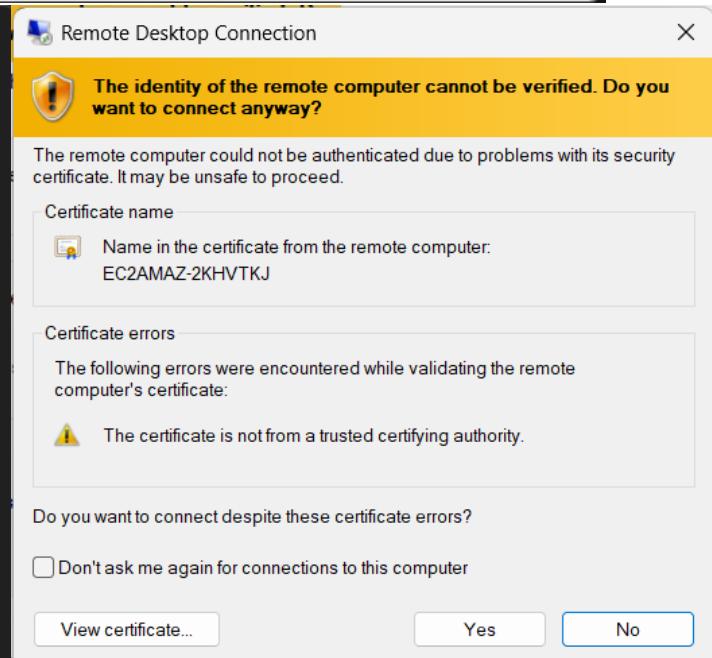
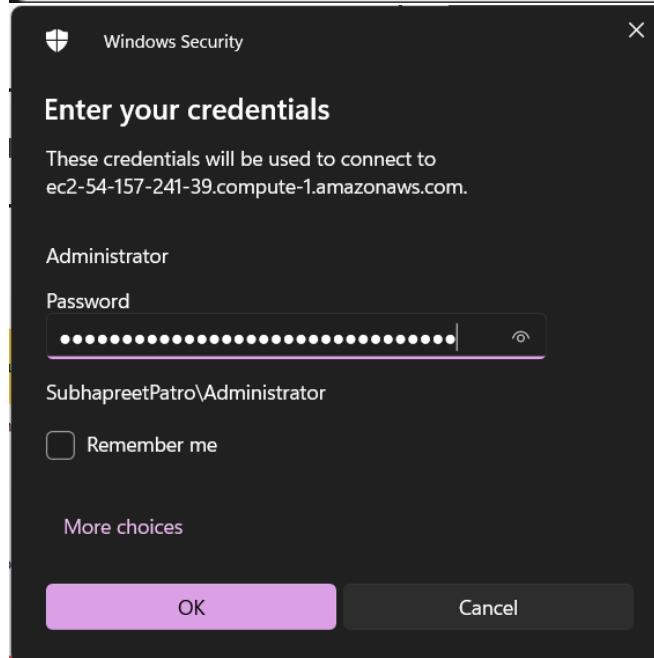
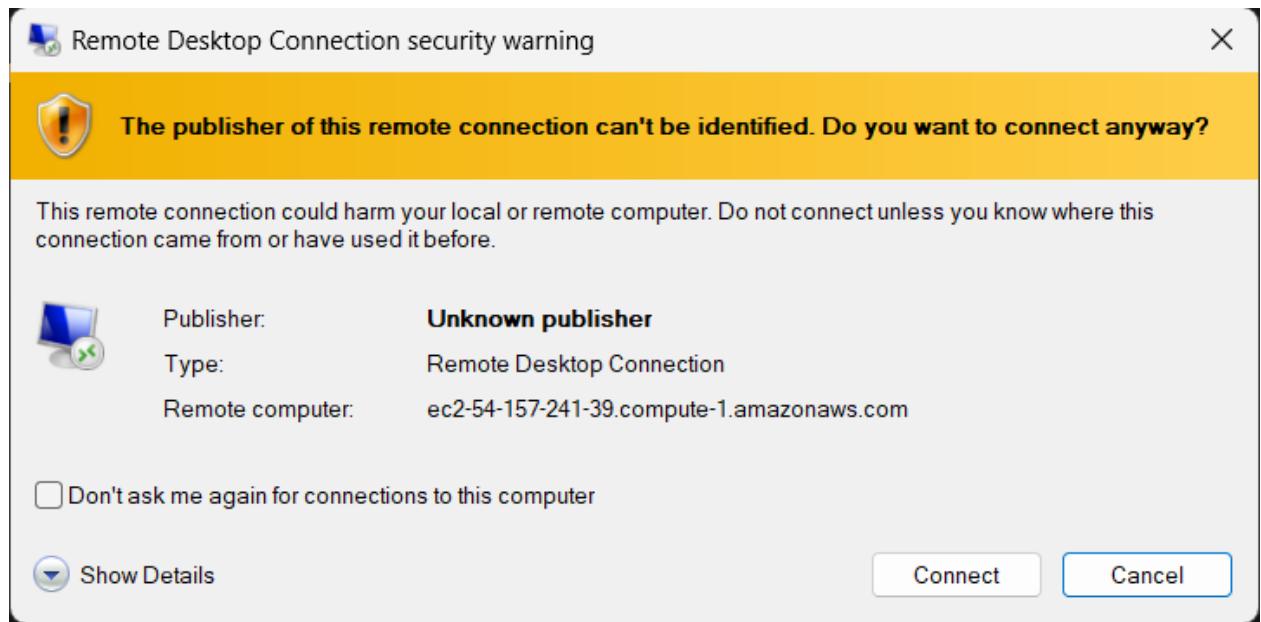
[Get password](#)

💡 If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

Username [Info](#)

[Administrator](#)

Cancel



Launch an instance Info

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags Info

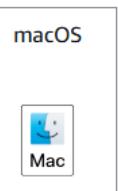
Name

2211CS010547-Linux

[Add additional tags](#)

▼ Application and OS Images (Amazon Machine Image) Info

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[Recents](#)[Quick Start](#)[Browse more AMIs](#)

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Amazon Linux 2023 AMI

ami-0c614dee691ccbf37 (64-bit (x86), uefi-preferred) / ami-0b29c89c15cfb8a6d (64-bit (Arm), uefi)
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

▼ Instance type Info | Get advice

Instance type

t2.micro Free tier eligible
 Family: t2 1 vCPU 1 GiB Memory Current generation: true
 On-Demand Windows base pricing: 0.0162 USD per Hour
 On-Demand Ubuntu Pro base pricing: 0.0134 USD per Hour
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 On-Demand RHEL base pricing: 0.026 USD per Hour
 On-Demand Linux base pricing: 0.0116 USD per Hour

t2.small
 Family: t2 1 vCPU 2 GiB Memory Current generation: true
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 On-Demand Linux base pricing: 0.023 USD per Hour
 On-Demand RHEL base pricing: 0.0376 USD per Hour

 All generations[Compare instance types](#)

s to the selected key pair

[Create new key pair](#)[Edit](#)

Create key pair

Key pair name

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Linux-Key

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RSA encrypted private and public key pair

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ED25519 encrypted private and public key pair

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 .pem

For use with OpenSSH

 .ppk

For use with PuTTY

⚠️ When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)

[Cancel](#)[Create key pair](#)

Successfully initiated stopping of i-0d04c4bfae82643c3

Instances (1/2) Info						
Last updated less than a minute ago Connect Instance state ▾ Actions ▾ Launch instances ▼						
<input type="text"/> Find Instance by attribute or tag (case-sensitive) All states ▾						
<input checked="" type="checkbox"/>	Name 🔗	Instance ID	Instance state	Instance type	Status check	Alarm status
<input checked="" type="checkbox"/>	i-02f4f1c67aa0b5fe7	Running	🔗 🔗	t2.micro	2/2 checks passed	Failed to fetch
<input type="checkbox"/>	2211CS010547-Windows	Stopped	🔗 🔗	t2.micro	-	Failed to fetch

i-02f4f1c67aa0b5fe7 (2211CS010547-Linux)

Details	Status and alarms	Monitoring	Security	Networking	Storage	Tags
▼ Instance summary Info						
Instance ID i-02f4f1c67aa0b5fe7						
IPv6 address	-	Public IPv4 address	3.88.130.123 open address ↗	Private IPv4 addresses	172.31.89.200	
Hostname type	IP name: ip-172-31-89-200.ec2.internal	Instance state	Running	Public IPv4 DNS	ec2-3-88-130-123.compute-1.amazonaws.com open address ↗	
			Private IP DNS name (IPv4 only)	ip-172-31-89-200.ec2.internal		

Connect to instance [Info](#)

Connect to your instance i-02f4f1c67aa0b5fe7 (2211CS010547-Linux) using any of these options

EC2 Instance Connect	Session Manager	SSH client	EC2 serial console
Instance ID i-02f4f1c67aa0b5fe7 (2211CS010547-Linux) <ul style="list-style-type: none"> 1. Open an SSH client. 2. Locate your private key file. The key used to launch this instance is Linux-Key.pem 3. Run this command, if necessary, to ensure your key is not publicly viewable. chmod 400 "Linux-Key.pem" 4. Connect to your instance using its Public DNS: ec2-3-88-130-123.compute-1.amazonaws.com <p>Example: ssh -i "Linux-Key.pem" ec2-user@ec2-3-88-130-123.compute-1.amazonaws.com</p> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> Note: In most cases, the guessed username is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username. </div>			

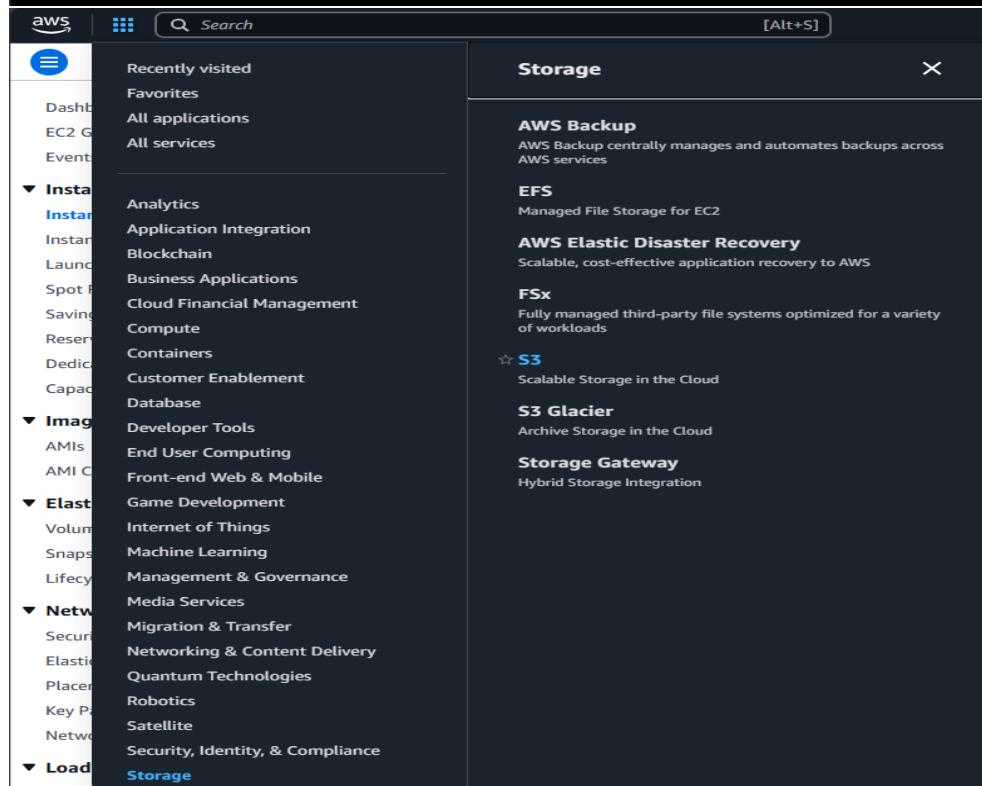
[Cancel](#)

```
C:\Windows\System32\cmd.e x + 
Microsoft Windows [Version 10.0.26100.3037]
(c) Microsoft Corporation. All rights reserved.

C:\Engineering Third Year\Semester 6\Cloud Computing\2211CS010547>ssh -i "Linux-Key.pem" ec2-user@ec2-3-88-130-123.compute-1.amazonaws.com
The authenticity of host 'ec2-3-88-130-123.compute-1.amazonaws.com (3.88.130.123)' can't be established.
ED25519 key fingerprint is SHA256:YLQy+9HRgsvE9MKDLD+tP8nUl6yHj0J1Stgt22wFIL4.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes|
```

```
'~\$_###'      Amazon Linux 2023
~~ \$_###\` 
~~  \###| 
~~   \#/  __ https://aws.amazon.com/linux/amazon-linux-2023
~~   V~' '-'>
~~_/
~~_/
~/m/
Last login: Fri Jan 31 05:52:25 2025 from 18.206.107.27
[ec2-user@ip-172-31-89-200 ~]$ uname
Linux
[ec2-user@ip-172-31-89-200 ~]$ ls
[ec2-user@ip-172-31-89-200 ~]$ df
Filesystem      1K-blocks    Used Available Use% Mounted on
devtmpfs          4096       0     4096   0% /dev
tmpfs            486128       0    486128   0% /dev/shm
tmpfs            194452      448    194004   1% /run
/dev/xvda1        8310764  1627780   6682984  20% /
tmpfs            486132       0    486132   0% /tmp
/dev/xvda128      10202     1310      8892  13% /boot/efi
tmpfs             97224       0     97224   0% /run/user/1000
[ec2-user@ip-172-31-89-200 ~]$ echo "Name:Subhapreet Patro | Roll No.: 2211CS010547 | Group: 3"
Name:Subhapreet Patro | Roll No.: 2211CS010547 | Group: 3
[ec2-user@ip-172-31-89-200 ~]$ cal
      January 2025
Su Mo Tu We Th Fr Sa
      1  2  3  4
 5  6  7  8  9 10 11
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31

[ec2-user@ip-172-31-89-200 ~]$
```



aws | Search [Alt+S] | United States | vclabs/user3782166=Subhapreet_Patrol

Amazon S3 > Buckets > Create bucket

Create bucket Info

Buckets are containers for data stored in S3.

General configuration

AWS Region

US East (N. Virginia) us-east-1

Bucket type Info

General purpose

Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

Directory

Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name Info

2211CS010547-subhapreet-patro

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

[Choose bucket](#)

Format: s3://bucket/prefix

Object Ownership Info

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Bucket type Info

General purpose

Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

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Bucket name Info

2211CS010547-subhapreet-patro

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Copy settings from existing bucket - optional

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ACLs enabled

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Object Ownership

Bucket owner enforced

General purpose buckets (1) Info All AWS Regions



[Copy ARN](#)

[Empty](#)

[Delete](#)

[Create bucket](#)

Buckets are containers for data stored in S3.

[Find buckets by name](#)

Name	AWS Region	IAM Access Analyzer
2211cs010547-subhapreet-patro	US East (N. Virginia) us-east-1	View analyzer for us-east-1

Upload succeeded
For more information, see the [Files and folders](#) table.

Upload: status

[Close](#)

[ⓘ](#) After you navigate away from this page, the following information is no longer available.

Summary

Destination
<s3://2211cs010547-subhapreet-patro>

Succeeded
 [ⓘ 2 files, 1.9 MB \(100.00%\)](#)

Failed
 [ⓘ 0 files, 0 B \(0%\)](#)

[Files and folders](#)

[Configuration](#)

Files and folders (2 total, 1.9 MB)

Find by name			
Name	Folder	Type	Size
1.jpg	-	image/jpeg	10.4 KB
Week-1.pdf	-	application/pdf	1.9 MB

Create bucket [Info](#)

Buckets are containers for data stored in S3.

General configuration

AWS Region

US East (N. Virginia) us-east-1

[Bucket type](#) | [Info](#)

General purpose

Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

Directory

Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

[Bucket name](#) | [Info](#)

[2211cs010547-subhapreet-patro-1](#)

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

[Choose bucket](#)

Format: s3://bucket/prefix

Objects (3)

[C](#) [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#)

[Upload](#)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

[Q Find objects by prefix](#) [Show versions](#) [<](#) [1](#) [>](#) [⚙️](#)

<input type="checkbox"/>	Name	Type	Version ID	Last modified	Size	Storage class
<input type="checkbox"/>	5.jpg	jpg	6nAb3Q9WR HuxZarJ20FY e2U6EkS_NOr F	February 4, 2025, 15:45:48 (UTC+05:30)	23.4 KB	Standard
<input type="checkbox"/>	5.jpg	jpg	BfnX4FlkUML XRXjdT7J6_iy 9vs0zn1hV	February 4, 2025, 15:45:39 (UTC+05:30)	23.4 KB	Standard
<input type="checkbox"/>	5.jpg	jpg	VQ6scw3BBN DCXdbOMBw AjbSodcTuJB Uj	February 4, 2025, 15:45:04 (UTC+05:30)	23.4 KB	Standard

Successfully deleted objects
View details below.

Delete objects: status

[Close](#)

ⓘ After you navigate away from this page, the following information is no longer available.

Summary

Source
s3://2211cs010547-subhapreet-patro-1

Successfully deleted
④ 1 object, 23.4 KB

Failed to delete
0 objects

[Failed to delete](#)[Configuration](#)

④ Failed to delete (0)

Find objects by name

Name	▲	Folder	▼	Version ID	Type	Last modified	Size	Error	▼
------	---	--------	---	------------	------	---------------	------	-------	---

No objects failed to delete.

Empty bucket [Info](#)



- Emptying the bucket deletes all objects in the bucket and cannot be undone.
- Objects added to the bucket while the empty bucket action is in progress might be deleted.
- To prevent new objects from being added to this bucket while the empty bucket action is in progress, you might need to update your bucket policy to stop objects from being added to the bucket.

[Learn more](#)

ⓘ If your bucket contains a large number of objects, creating a lifecycle rule to delete all objects in the bucket might be a more efficient way of emptying your bucket. [Learn more](#)

[Go to lifecycle rule configuration](#)

Permanently delete all objects in bucket "2211cs010547-subhapreet-patro-1"?

To confirm deletion, type *permanently delete* in the text input field.

 permanently delete[Cancel](#)[Empty](#)

aws | United States (N. Vir ▾) vodlabs/user3782166=Subhapreet_Patro @ 0696- ▾

☰ [EC2](#) > [Volumes](#) > Create 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) ▾

IOPS [Info](#)

100 ▾

Min: 1 GiB, Max: 16384 GiB.

Throughput (MiB/s) [Info](#)

3000

Min: 3000 IOPS, Max: 16000 IOPS.

Throughput (MiB/s) [Info](#)

125

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

aws | Search [Alt+S] | United States (N. Virgi | vclabs/user3782166=Subhapreet_Patro @ 0696- | EC2 > Volumes > Create 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

15 ▾
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.

aws | Search [Alt+S] | United States (N. Virgi | vclabs/user3782166=Subhapreet_Patro @ 0696-42 |

Volumes (1/3) Info

Saved filter sets Choose filter set ▾

Name	Volume ID	Type	Size	IOPS	Thrc
-	vol-09d4708497ed94b55	gp2	30 GiB	100	-
-	vol-074b9fdc974153393	gp3	8 GiB	3000	125
✓ 2211CS010547-...	vol-08f74fa7a1d66f974	gp3	15 GiB	3000	125

Volume ID: vol-08f74fa7a1d66f974 (2211CS010547-Windows)

Details Status checks Monitoring Tags

Volume ID vol-08f74fa7a1d66f974 (2211CS010547-Windows)	Size 15 GiB	Type gp3	Status check Okay
--	----------------	-------------	----------------------

aws | Search [Alt+S] | United States (N. Virgi | vclabs/user3782166=Subhapreet_Patro @ 0696-42 |

EC2 > Volumes > vol-08f74fa7a1d66f974 > 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-08f74fa7a1d66f974 (2211CS010547-Windows)

Availability Zone
us-east-1a

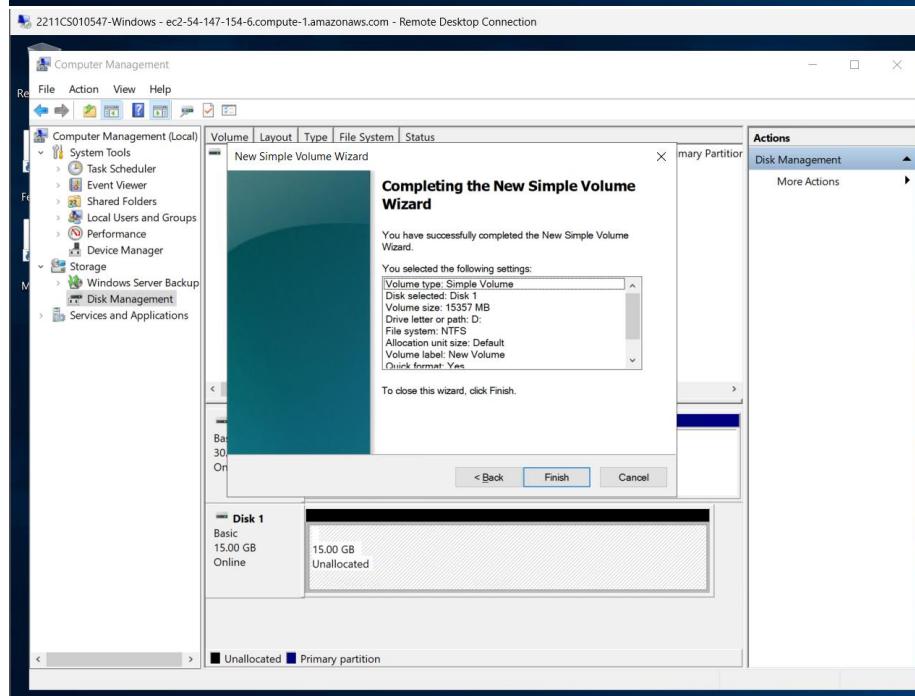
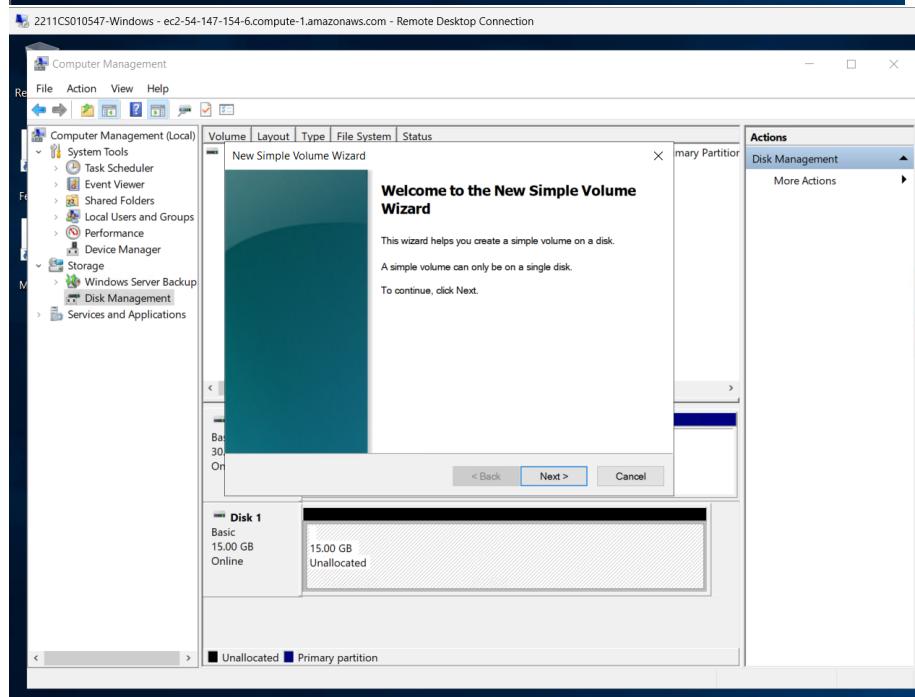
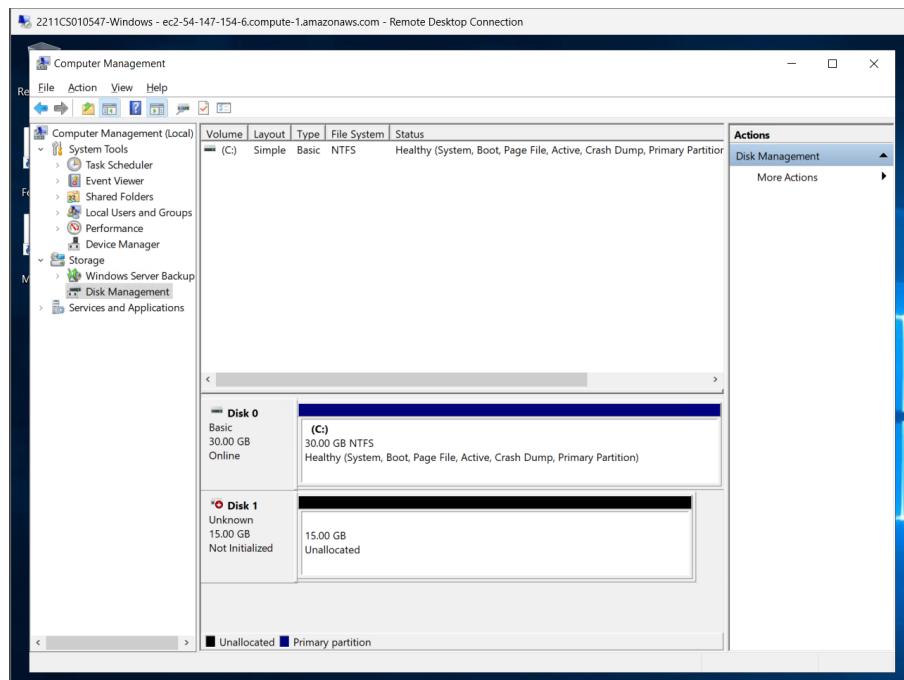
Instance Info

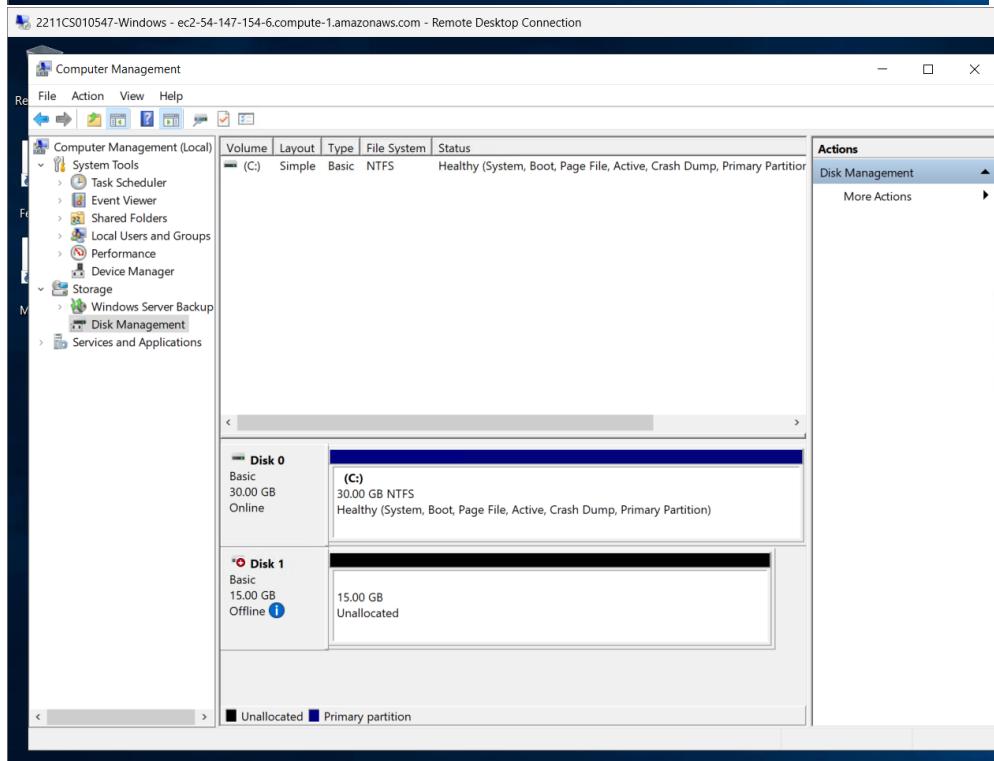
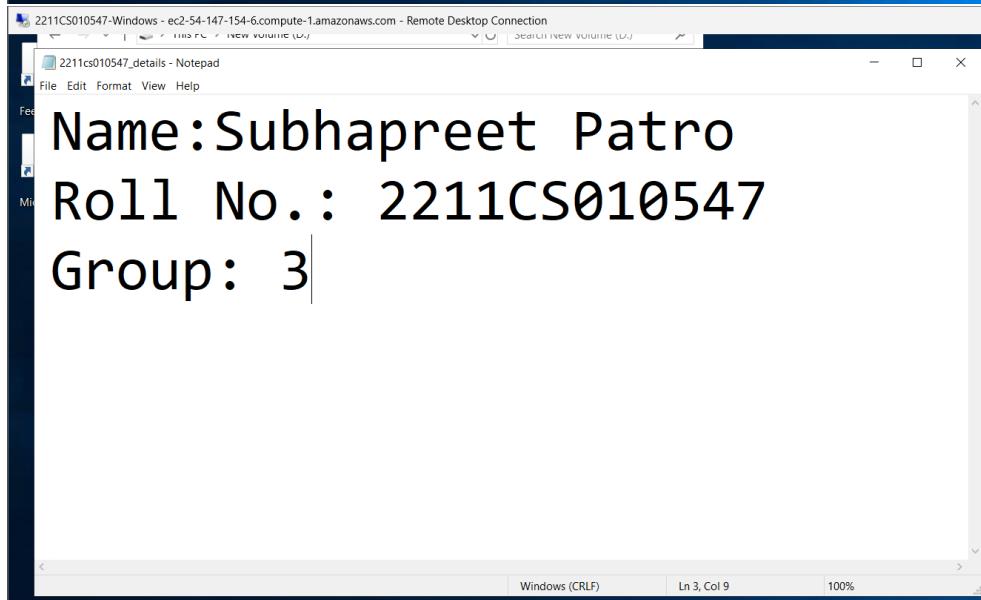
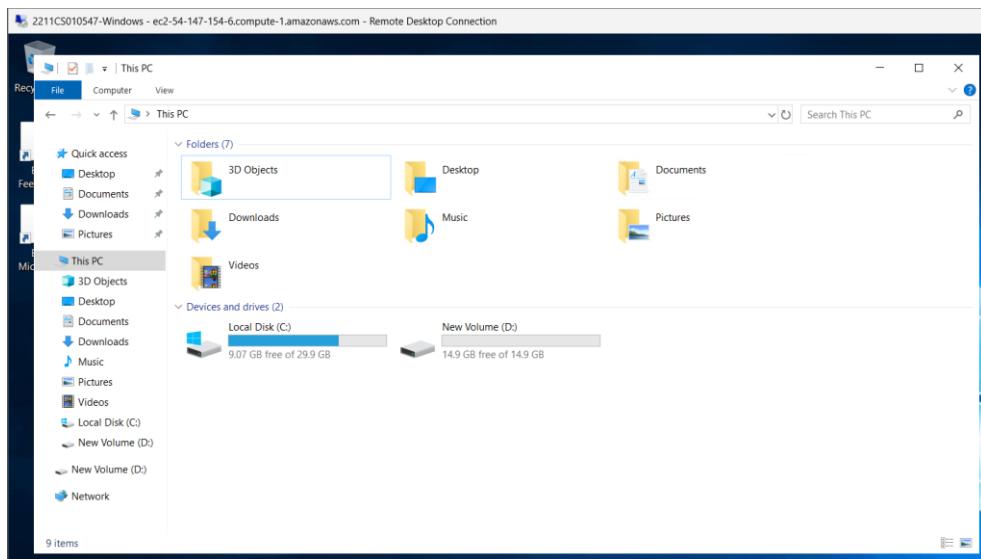
Search instance ID or name tag ▾ Only instances in the same Availability Zone as the selected volume are displayed.

Device name Info

Select a device name ▾

Cancel **Attach volume**





Successfully detached volume.

Volumes (1/3) Info

Saved filter sets Choose filter set Search

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID
-	vol-09d470849...	gp2	3...	1...	-	snap-03de507...
-	vol-074b9fdc9...	gp3	8...	3...	1...	snap-0c747d9...
<input checked="" type="checkbox"/> 2211CS010547...	vol-08f74fa7a1...	gp3	1...	3...	1...	-

Volume ID: vol-08f74fa7a1d66f974 (2211CS010547-Windows)

Actions ▾ Create volume

- 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

Volume state: In-use

In-use Available

2211CS010547-Windows - ec2-54-147-154-6.compute-1.amazonaws.com - Remote Desktop Connection

Computer Management

File Action View Help

Computer Management (Local)

- System Tools
 - Task Scheduler
 - Event Viewer
 - Shared Folders
 - Local Users and Groups
 - Performance
 - Device Manager
- Storage
 - Windows Server Backup
 - Disk Management**
 - Services and Applications

Volume Layout Type File System Status

Volume	Layout	Type	File System	Status
(C)	Simple	Basic	NTFS	Healthy (System, Boot, Page File, Active, Crash Dump, Primary Partition)

Disk 0

Basic	30.00 GB	Online
(C:)	30.00 GB NTFS	Healthy (System, Boot, Page File, Active, Crash Dump, Primary Partition)

Unallocated Primary partition

aws | Search [Alt+S] | United States (N. Vir... | vclabs/user3782166=Subhapreet_Patrol @ 0696-4

Volumes (1/2) Info

Last updated 1 minute ago Actions ▾ Create volume

Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID
<input checked="" type="checkbox"/>	vol-074b9fdc974153393	gp3	8...	3...	1...	snap-03de507...
<input type="checkbox"/>	vol-0d46c0d6459e324d5	gp2	3...	1...	-	snap-0c747d9...

Volume ID: vol-074b9fdc974153393

Details Status checks Monitoring Tags

Volume ID vol-074b9fdc974153393	Size 8 GiB	Type gp3	Status check Okay
AWS Compute Optimizer finding This user is not authorized to call AWS Compute Optimizer.	Volume state In-use	IOPS 3000	Throughput 125

AWS CloudWatch Metrics

Search [Alt+S]

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Volumes (1/2) Info

Saved filter sets Choose filter set Search

Last updated 1 minute ago Actions Create volume

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

Volume ID: vol-074b9fdc974153393

Details	Status checks	Monitoring	Tags
Volume ID vol-074b9fdc974153393	Size 8 GiB	Type gp3	Status check Okay
AWS Compute Optimizer finding This user is not	Volume state In-use	IOPS 3000	Throughput 125

Source volume

Volume ID
vol-074b9fdc974153393

Availability Zone
us-east-1d

Snapshot details

Description

Add a description for your snapshot
myvolumesnapshot

255 characters maximum.

Encryption Info

Not encrypted

Tags 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.

Cancel Create snapshot

AWS CloudWatch Metrics

Search [Alt+S]

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Snapshots (1) Info

Last updated less than a minute ago Recycle Bin Actions Create snapshot

Owned by me Search

Name	Snapshot ID	Full snapshot size	Volume size	Description
-	snap-08bb2e530ed79c68b	-	8 GiB	myvol

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Create snapshot Info

Create a point-in-time snapshot of an EBS volume and use it as a baseline for new volumes or for data backup. You can create snapshots from an individual volume, or you can create multi-volume snapshots from all of the volumes attached to an instance.

Source

Resource type | [Info](#)

Volume

Create a snapshot from a specific volume.

Instance

Create multi-volume snapshots from an instance.

Volume ID

The volume from which to create the snapshot.

Select a volume



Snapshot details

Description

Add a description for your snapshot.

255 characters maximum

Snapshot details

Description

Add a description for your snapshot.

mysnapshot

255 characters maximum

Encryption Info

Not encrypted

Tags 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.

[Cancel](#)

[Create snapshot](#)

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Load Balancing

Load Balancers

Target Groups

Trust Stores

Snapshots (1/2) Info

Last updated 1 minute ago

[Recycle Bin](#)

[Actions](#)

[Create snapshot](#)

Owned by me

[Search](#)

Name

Snapshot ID

Full snapshot size

Volume size

Des



snap-08bb2e530ed79c68b

1.66 GiB

8 GiB

my



snap-01b8d322eb6a4836c

-

8 GiB

my

Snapshots (1/2) Info

Last updated 1 minute ago

[Recycle Bin](#)

[Actions](#)

[Create snapshot](#)

Owned by me

[Search](#)

Name

Snapshot ID

Full snapshot size

Volume size

Des



snap-08bb2e530ed79c68b

1.66 GiB

8 GiB

my



snap-01b8d322eb6a4836c

-

8 GiB

my

Snapshot ID: snap-08bb2e530ed79c68b

[Details](#)

[Snapshot settings](#)

[Storage tier](#)

[Tags](#)

Snapshot ID
 snap-08bb2e530ed79c68b

Full snapshot size
 1.66 GiB

Progress
 100%

Snapshot status
 Completed

Owner
 069642539417

Started
 Sun Mar 16 2025

Product codes
-

Fast snapshot restore
-

Create volume Info

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

Volume settings

Snapshot ID
 snap-08bb2e530ed79c68b

Volume type | [Info](#)
 ▾

Size (GiB) | [Info](#)

 Min: 1 GiB, Max: 16384 GiB.

IOPS | [Info](#)
 ▾
 Min: 3000 IOPS, Max: 16000 IOPS.

Throughput (MiB/s) | [Info](#)

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

Availability Zone | [Info](#)
 ▾

The screenshot shows the AWS Lambda service interface. On the left, a navigation sidebar lists 'Dedicated Hosts', 'Capacity Reservations', 'Images' (with 'AMIs' and 'AMI Catalog' options), 'Elastic Block Store' (with 'Volumes', 'Snapshots', and 'Lifecycle Manager' options), and 'Network & Security' (with 'Security Groups' and 'Elastic IPs' options). The main content area is titled 'Volumes (3) Info' and shows a table of three volumes. The table has columns for Name, Volume ID, Type, and Snapshot ID. The volumes listed are: vol-0fd7765068e551802 (gp3), vol-074b9fdc974153393 (gp3), and vol-0d46c0d6459e324d5 (gp2). A status bar at the top right indicates 'Last updated less than a minute ago'. Action buttons include 'Actions' and 'Create volume'.

Name	Volume ID	Type	Snapshot ID
-	vol-0fd7765068e551802	gp3	8... 3... 1... snap-08bb2e5...
-	vol-074b9fdc974153393	gp3	8... 3... 1... snap-03de507...
-	vol-0d46c0d6459e324d5	gp2	3... 1... - snap-0c747d9...

The screenshot shows the AWS Lambda console. The left sidebar has sections for Dedicated Hosts, Capacity Reservations, Images (selected), AMIs, AMI Catalog, and Elastic Block Store. Under EBS, there are Volumes, Snapshots (selected), and Lifecycle Manager. The main area shows the configuration for the 'myvol' volume, including the Volume ID, Region, and KMS Key ARN. The 'Mount Path' is set to '/tmp'. The 'Edit' button is visible at the bottom right.

Owned by me	Search				
<input type="checkbox"/>	Name	Snapshot ID	Full sna...	Volume size	Descri...
<input type="checkbox"/>	-	snap-08bb2e530ed79c68b	1.66 GiB	8 GiB	myvol
<input type="checkbox"/>	-	snap-01b8d322eb6a4836c	1.66 GiB	8 GiB	mysna...

aws | Search [Alt+S] | United States (N. | vclabs/user3782166=Subhapreet_Patrol @ 06

EC2 > Snapshots > Create snapshot

Create snapshot Info

Create a point-in-time snapshot of an EBS volume and use it as a baseline for new volumes or for data backup. You can create snapshots from an individual volume, or you can create multi-volume snapshots from all of the volumes attached to an instance.

Source

Resource type Info

Volume
Create a snapshot from a specific volume.

Instance
Create multi-volume snapshots from an instance.

Instance ID
The instance from which to create multi-volume snapshots.

i-09c7fd36512b5547f (2211CS010547-Windows)
us-east-1a

Snapshot details

Description
Add a description for your snapshot.
windows snapshot
255 characters maximum

Volumes - optional Info

By default, all volumes attached to the instance are included in the multi-volume snapshot set. You can optionally exclude the root volume or specific data volumes. You can also indicate whether to copy the tags from the source volumes to the snapshots.

Exclude volumes
Indicate whether to exclude the root volume or specific data volumes from the snapshot set.

Exclude root volume (vol-0d46c0d6459e324d5, Not encrypted)

Exclude specific data volumes

Copy tags from source volume
Indicate whether to copy the tags from the source volume to the snapshot.

Copy tags

Tags 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](#)

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Dedicated Hosts
Capacity Reservations

Images
AMIs
AMI Catalog

Elastic Block Store
Volumes
Snapshots
Lifecycle Manager

Network & Security
Security Groups
Elastic IPs
Placement Groups

Snapshots (3) Info Last updated less than a minute ago Recycle Bin Actions [Create snapshot](#)

Owned by me	Name	Snapshot ID	Full sna...	Volume size	Description
<input type="checkbox"/>	-	snap-08bb2e530ed79c68b	1.66 GiB	8 GiB	myvolumesna...
<input type="checkbox"/>	-	snap-01b8d322eb6a4836c	1.66 GiB	8 GiB	mysnapshot
<input type="checkbox"/>	-	snap-06545f507fa4d7285	-	30 GiB	windows snaps...

Successfully created snapshot snap-06545f507fa4d7285.

Snapshots (3) Info Last updated less than a minute ago

Name	Snapshot ID	Full sna...	Volume size	Description
-	snap-08bb2e530ed79c68b	1.66 GiB	8 GiB	myvolumesna...
-	snap-01b8d322eb6a4836c	1.66 GiB	8 GiB	mysnapshot
-	snap-06545f507fa4d7285	-	30 GiB	windows snaps...

Actions Create snapshot

Snapshots (1/3) Info Last updated less than a minute ago

Name	Snapshot ID
-	snap-08bb2e530ed79c68b
-	snap-01b8d322eb6a4836c
<input checked="" type="checkbox"/> -	snap-06545f507fa4d7285

Actions Create volume from snapshot Create image from snapshot Copy snapshot Launch copy duration calculator Delete snapshot Manage tags Snapshot settings Archiving

Create image from snapshot Info

Create a new image from a snapshot taken from the root device volume of an instance.

Image settings

Snapshot ID

snap-06545f507fa4d7285

Image name

A descriptive name for the image.

MynAPSHOTimage

3 - 128 characters. Valid characters are a-z, A-Z, 0-9, spaces, and - _ . / () [] '@.

Description

A description for the image.

snashotimage

255 characters maximum

Architecture | Info

Select i386 for 32-bit or x86_64 for 64-bit.

x86_64

Root device name | Info

The device name that is reserved for the root volume.

/dev/sda1

Virtualization type | Info

The virtualization type to be used by instances launched from this image.

Hardware-assisted virtualization

Successfully requested new image ami-0d4b925d43ad70748. The image is being created. The image-creation process can take several minutes to complete.

Snapshots (3) Info Last updated less than a minute ago

Name	Snapshot ID	Full sna...	Volume size	Description
-	snap-08bb2e530ed79c68b	1.66 GiB	8 GiB	myvolumesna...
-	snap-01b8d322eb6a4836c	1.66 GiB	8 GiB	mysnapshot
-	snap-06545f507fa4d7285	29.66 GiB	30 GiB	windows snaps...

Name and tags [Info](#)

Name
Mysnapshotinstance [Add additional tags](#)

Application and OS Images (Amazon Machine Image) [Info](#)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below.

Search our full catalog including 1000s of application and OS images

Recents [My AMIs](#) Quick Start

Owned by me Shared with me

[Browse more AMIs](#)
Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Mysnapshotimage
ami-0d4b925d43ad70748
2025-03-16T05:15:26.000Z Virtualization: hvm ENA enabled: true Root device type: ebs

aws Search [Alt+S] United States (N. Virgi ▾) vclabs/user3782166=Subhapreet_Patro @ 0696-4253 ▾

EC2 > Instances > Launch an instance

Instance type [Info](#) | [Get advice](#)

Instance type

t2.micro Free tier eligible

Family: t2 1 vCPU 1 GiB Memory Current generation: true
On-Demand Windows base pricing: 0.0162 USD per Hour
On-Demand Ubuntu Pro base pricing: 0.0134 USD per Hour On-Demand SUSE base pricing: 0.0116 USD per Hour
On-Demand RHEL base pricing: 0.026 USD per Hour On-Demand Linux base pricing: 0.0116 USD per Hour

All generations [Compare instance types](#)

Additional costs apply for AMIs with pre-installed software

Key pair (login) [Info](#)

You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.

Key pair name - **required**

Select [Create new key pair](#)

For Windows instances, you use a key pair to decrypt the administrator password. You then use the decrypted password to connect to your instance.

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EC2 > Instances

Instances (3) [Info](#)

Last updated less than a minute ago Connect [Instance state](#) [Actions](#) [Launch instances](#)

Find Instance by attribute or tag (case-sensitive) [All states](#)

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	
<input type="checkbox"/>	2211CS010547-Linux	i-02f4f1c67aa0b5fe7	Stopped	t2.micro	-
<input type="checkbox"/>	Mysnapshotinstance	i-0bf09aed72632302d	Running	t2.micro	(1)
<input type="checkbox"/>	2211CS010547-Windows	i-09c7fd36512b5547f	Stopped	t2.micro	-

aws Search [Alt+S] United States (N. Virgi v vocabs/user3782166=Subhapreet_Patro @ 0696-4253 ▾

- Recently visited
- Favorites
- All applications
- All services
- Analytics
- Instances**
- Application Integration
- Blockchain
- Business Applications
- Cloud Financial Management
- Compute
- Containers
- Customer Enablement
- Database
- Developer Tools
- End User Computing
- Front-end Web & Mobile
- AMI Catalog

Storage

AWS Backup
AWS Backup centrally manages and automates backups across AWS services

EFS
Managed File Storage for EC2

AWS Elastic Disaster Recovery
Scalable, cost-effective application recovery to AWS

FSx
Fully managed third-party file systems optimized for a variety of workloads

S3
Scalable Storage in the Cloud

S3 Glacier
Archive Storage in the Cloud

Storage Gateway
Hybrid Storage Integration

Amazon S3

- General purpose buckets
- Directory buckets
- Table buckets
- Access Grants
- Access Points
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- IAM Access Analyzer for S3

Block Public Access settings for this account

Storage Lens

- Dashboards
- Storage Lens groups
- AWS Organizations settings

Feature spotlight 11

Account snapshot - updated every 24 hours All AWS Regions

[View Storage Lens dashboard](#)

Storage lens provides visibility into storage usage and activity trends. Metrics don't include directory buckets.

[Learn more](#)

Total storage 1.9 MB	Object count 4
Average object size 484.1 KB	You can enable advanced metrics in the "default-account-dashboard" configuration.

General purpose buckets **Directory buckets**

General purpose buckets (1) All AWS Regions

[Copy ARN](#) [Empty](#) [Delete](#) [Create bucket](#)

Buckets are containers for data stored in S3.

Name	AWS Region	IAM Access Analyzer	Creation date
2211cs010547-subhapreet-patro	US East (N. Virginia) us-east-1	View analyzer for us-east-1	February 4, 2025, 15:22:31 (UTC+05:30)

2211cs010547-subhapreet-patro [Info](#)

- Objects
- Metadata
- Properties
- Permissions
- Metrics
- Management
- Access Points

Objects (3)

[Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#)

[Upload](#)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions.

[Learn more](#)

Name	Type	Last modified	Size	Storage class
1.jpg	jpg	February 4, 2025, 15:29:20 (UTC+05:30)	10.4 KB	Standard
cloud-computing/	Folder	-	-	-
Week-1.pdf	pdf	February 4, 2025, 15:29:23 (UTC+05:30)	1.9 MB	Standard

Lifecycle configuration

To manage your objects so that they are stored cost effectively throughout their lifecycle, configure their lifecycle. A lifecycle configuration is a set of rules that define actions that Amazon S3 applies to a group of objects. Lifecycle rules run once per day.

Lifecycle rules

[View details](#)[Edit](#)[Delete](#)[Actions ▾](#)[Create lifecycle rule](#)

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. [Learn more](#)

Lifecycle rule...	Status	Scope	Current versi...	Noncurrent v...	Expired obje...	Incomplete ...
-----------------------------------	------------------------	-----------------------	----------------------------------	---------------------------------	---------------------------------	--------------------------------

No lifecycle rules

There are no lifecycle rules for this bucket.

[Create lifecycle rule](#)

Create lifecycle rule Info

Lifecycle rule configuration

Lifecycle rule name

2211cs010547_vault

Up to 255 characters

Choose a rule scope

- Limit the scope of this rule using one or more filters
- Apply to all objects in the bucket

⚠ Apply to all objects in the bucket

If you want the rule to apply to specific objects, you must use a filter to identify those objects. Choose "Limit the scope of this rule using one or more filters". [Learn more](#)

I acknowledge that this rule will apply to all objects in the bucket.

Lifecycle rule actions

Choose the actions you want this rule to perform.

- Transition current versions of objects between storage classes
This action will move current versions.
- Transition noncurrent versions of objects between storage classes
This action will move noncurrent versions.
- Expire current versions of objects
- Permanently delete noncurrent versions of objects
- Delete expired object delete markers or incomplete multipart uploads
These actions are not supported when filtering by object tags or object size.

⚠ Transitions are charged per request

For a lifecycle transition action, each request corresponds to an object transition. For details on lifecycle transition pricing, see requests pricing info on the requests pricing info on the **Storage & requests** tab of the [Amazon S3 pricing page](#).

I acknowledge that this lifecycle rule will incur a transition cost per request

ⓘ By default, objects less than 128KB will not transition across any storage class

We don't recommend transitioning objects less than 128 KB because the transition costs can outweigh the storage savings. If your use case requires transitioning objects less than 128 KB, specify a minimum object size filter for each applicable lifecycle rule with a transition action.

Transition current versions of objects between storage classes

Choose transitions to move current versions of objects between storage classes based on your use case scenario and performance access requirements. These transitions start from when the objects are created and are consecutively applied. [Learn more](#)

Choose storage class transitions <input style="width: 100%;" type="button" value="Standard-IA"/>	Days after object creation <input type="text" value="30"/>	<input type="button" value="Remove"/>
<input type="button" value="Add transition"/>		

Review transition and expiration actions

Current version actions

- ## Day 0

↓

- ## Day 30

Noncurrent versions actions

Day 0

[Cancel](#) [Create rule](#)

⌚ The rule "2211cs010547_vault" has been successfully added and the lifecycle configuration has been updated
It may take some time for the configuration to be updated. Refresh the lifecycle rules list if changes to the configuration aren't displayed.

Lifecycle configuration

To manage your objects so that they are stored cost effectively throughout their lifecycle, configure their lifecycle. A lifecycle configuration is a set of rules that define actions that Amazon S3 applies to a group of objects. Lifecycle rules run once per day.

Default minimum object size for transitions

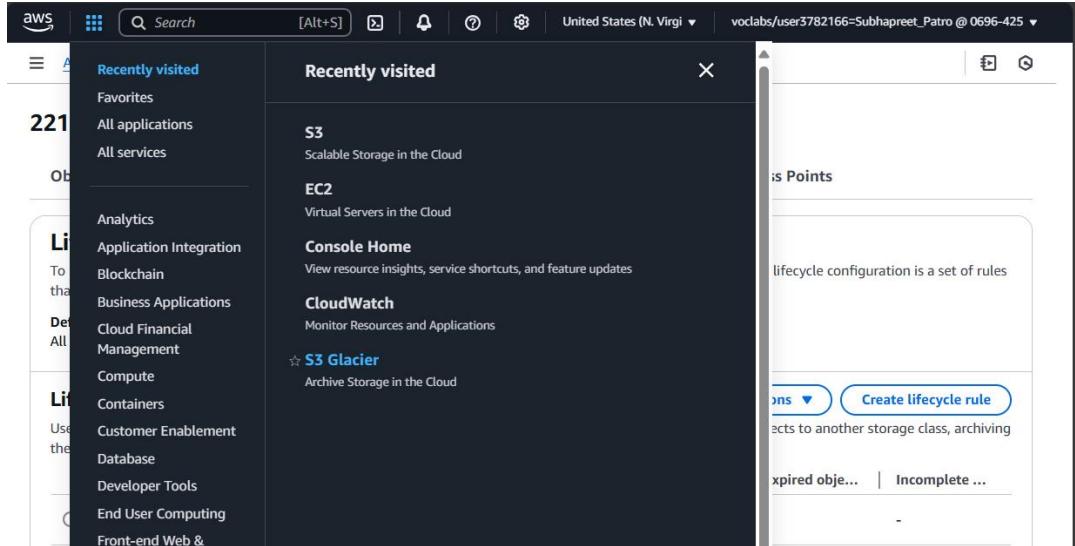
All storage classes 128K

Lifecycle rules (1)

 [View details](#) [Create lifecycle rule](#)

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. [Learn more](#)

Find lifecycle rules by name						
Lifecycle r...	Status	Scope	Current ve...	Noncurren...	Expired ob...	Incomplete...
2211cs010547_vault	Enabled	Entire bucket	Transition to Stand	-	-	-



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Amazon S3 Glacier > Vaults

Amazon S3 Glacier

Vaults Data retrieval settings

Amazon S3 Glacier CLI command reference [2]

We recommend that you use Glacier storage classes in Amazon S3 for archival storage Learn about the S3 Glacier storage classes [2], and view the AWS Solution for transferring data from Amazon S3 Glacier vaults to Amazon S3 [2]. Go to Amazon S3

Vaults Info

View details Delete Create vault

Find vaults by name < 1 > [gear]

Vault name | Vault ARN

No vaults No vaults to display.

Create vault

Create vault Info

Vaults allow you to organize your archives with access policies and notification configurations.

Vault name

AWS Region

The AWS Region that your vault will be located in. Use the AWS Region drop-down menu to create vaults in other AWS Regions.
US East (N. Virginia) us-east-1

Vault name

2211cs010547_vault_1

The vault name can be up to 255 characters, and must be unique within the account and the AWS Region. Allowed characters are a-z, A-Z, 0-9, '-' (underscore), '-' (hyphen), and '.' (period).

Event notifications Info

Set event notifications

- Turn off notifications
No notifications will be sent when events happen.
- Turn on notifications
Enable notifications by using an SNS topic.

Cancel

Create vault

aws Search [Alt+S] United States (N. Virgi v vocabs/user3782166=Subhapreet_Patrol @ 0696-4253

Amazon S3 Glacier > Vaults

We recommend that you use Glacier storage classes in Amazon S3 for archival storage Learn about the S3 Glacier storage classes [2], and view the AWS Solution for transferring data from Amazon S3 Glacier vaults to Amazon S3 [2]. Go to Amazon S3

Successfully created vault "2211cs010547_vault_1". View details X

Vaults (1) Info

View details Delete Create vault

Find vaults by name < 1 > [gear]

Vault name | Vault ARN

2211cs010547_vault_1 arn:aws:glacier:us-east-1:069642539417:vaults/2211cs010547_vault_1 - Last invento