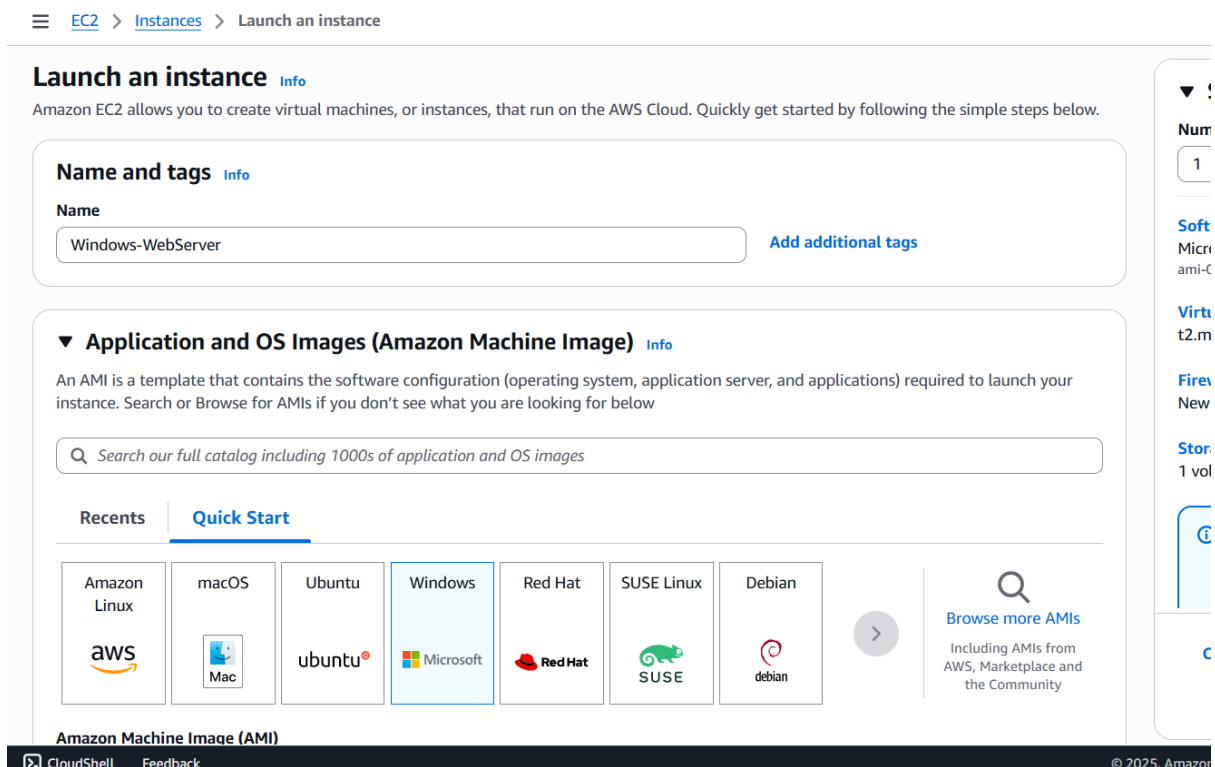
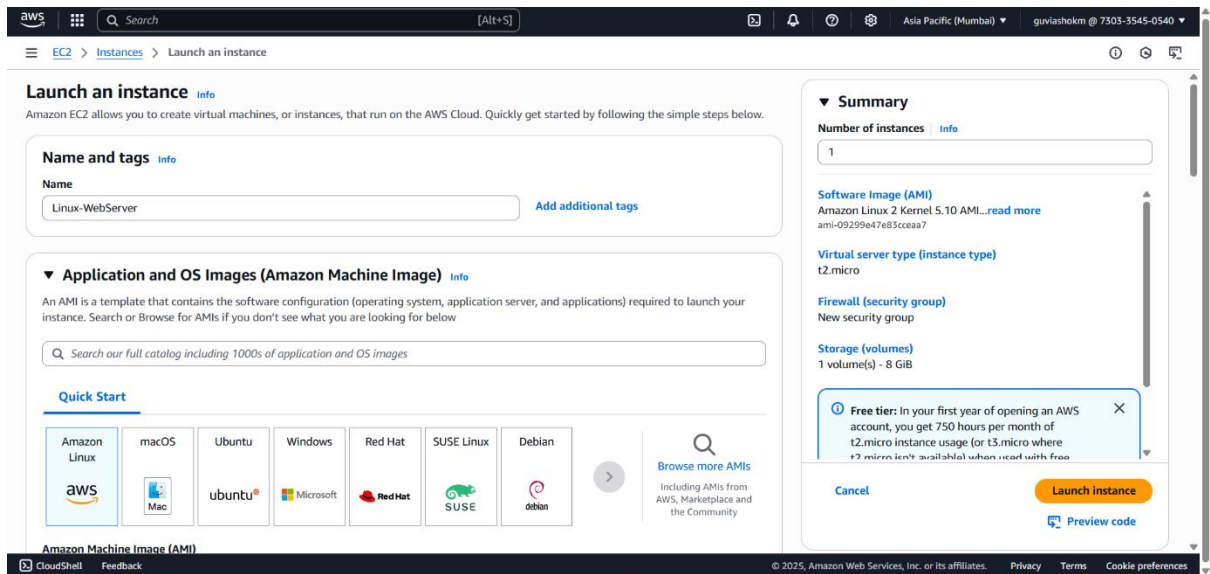


AWS-TASK-4

1. Launch an EC2 instance (Linux and Windows) along with a web server. Then, create an EBS volume of 5 GB, attach it to an EC2 machine (Linux and Windows), and take a snapshot. Finally, create an EBS volume using the taken snapshot.



aws [Alt+S] Asia Pacific (Mumbai) guviashokm @ 7303-3545-0540

EC2 > Instances

EC2

- Dashboard
- EC2 Global View
- Events
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 - Instances
 - Instance Types
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 - Volumes
 - Snapshots
 - Lifecycle Manager

Instances (1/2) Info

Last updated less than a minute ago

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

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
<input checked="" type="checkbox"/>	Linux-WebSer...	i-0261cef73cc5d4060	Running	t2.micro	2/2 checks passed	View alarms +	ap-south-1b	ec2-65-0-
<input type="checkbox"/>	Windows-Web...	i-0664ee6cbaef6236d	Running	t2.micro	Initializing	View alarms +	ap-south-1b	ec2-3-11c

i-0261cef73cc5d4060 (Linux-WebServer)

Details Status and alarms Monitoring Security Networking Storage Tags

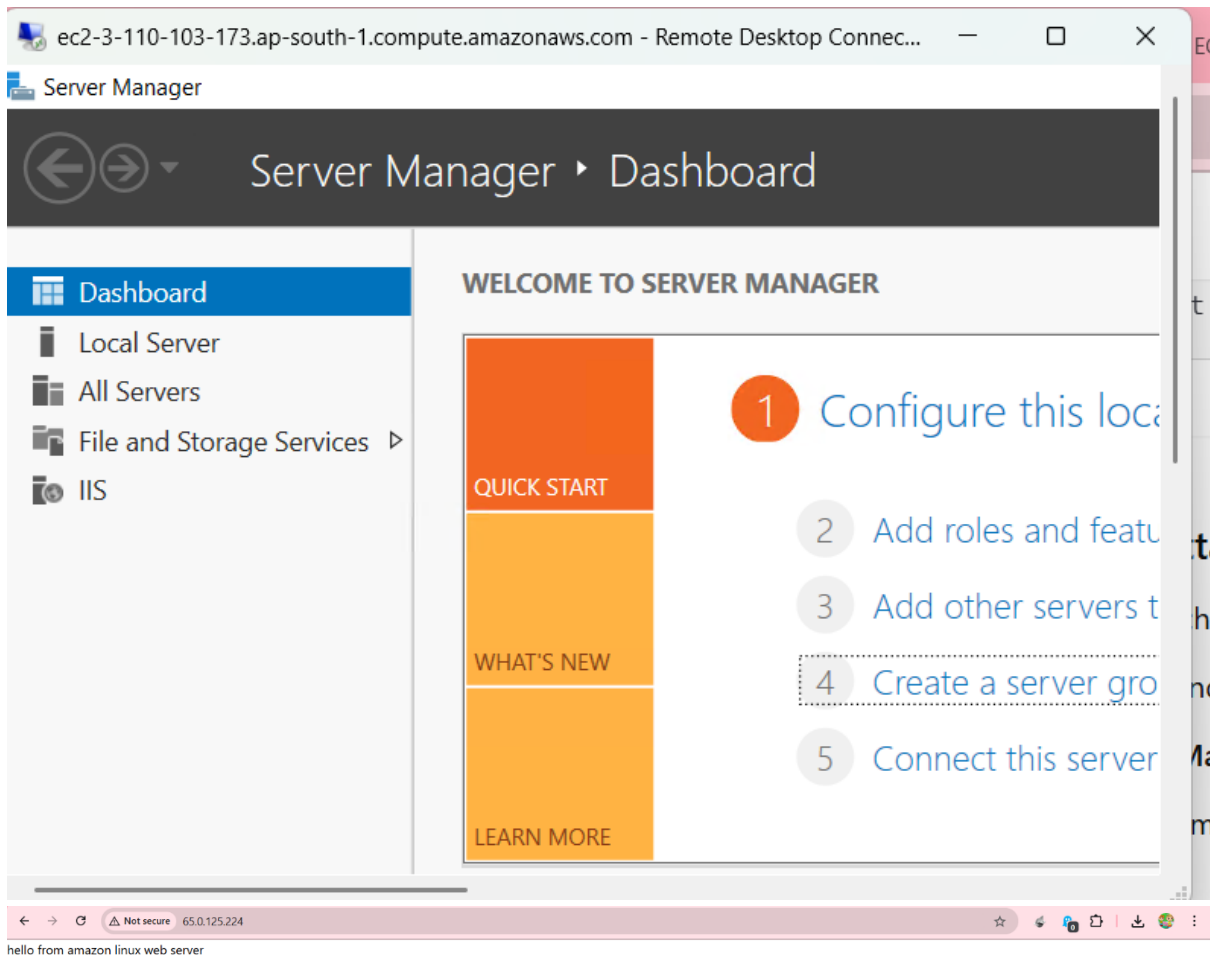
Instance summary Info

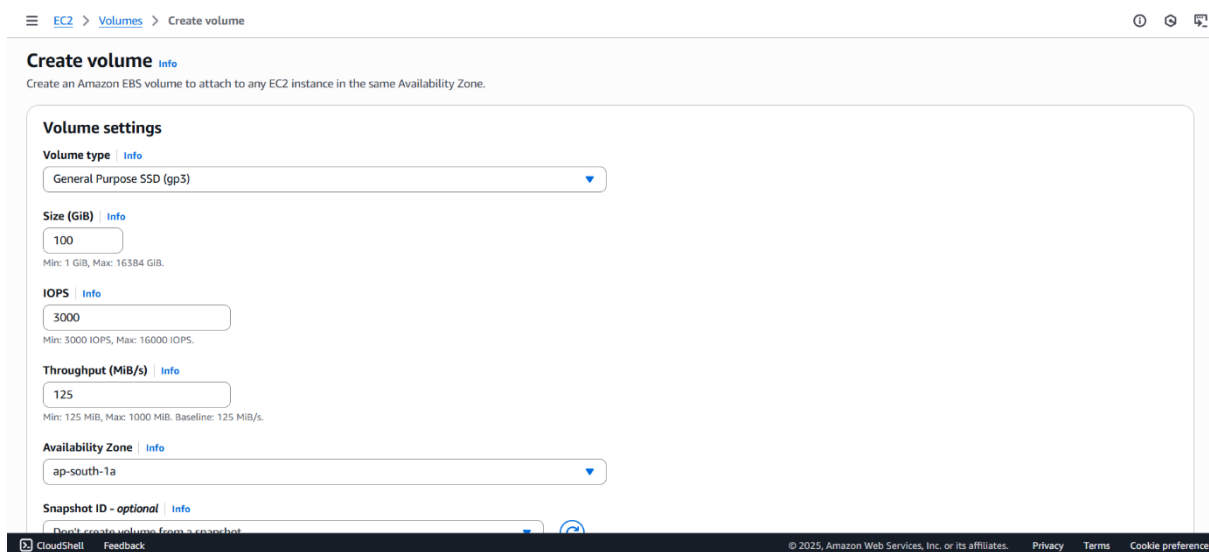
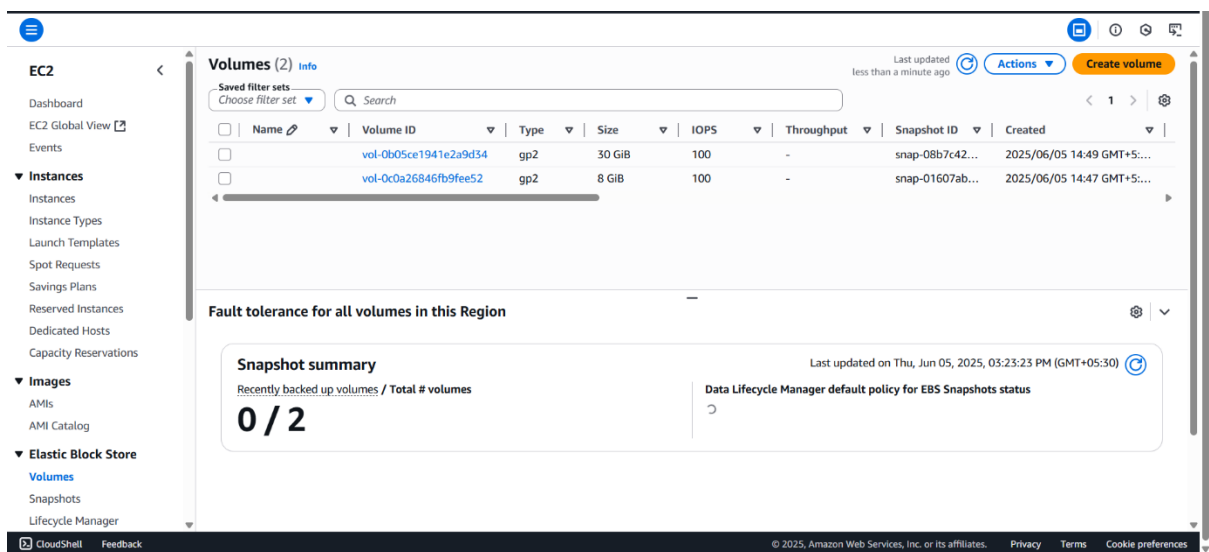
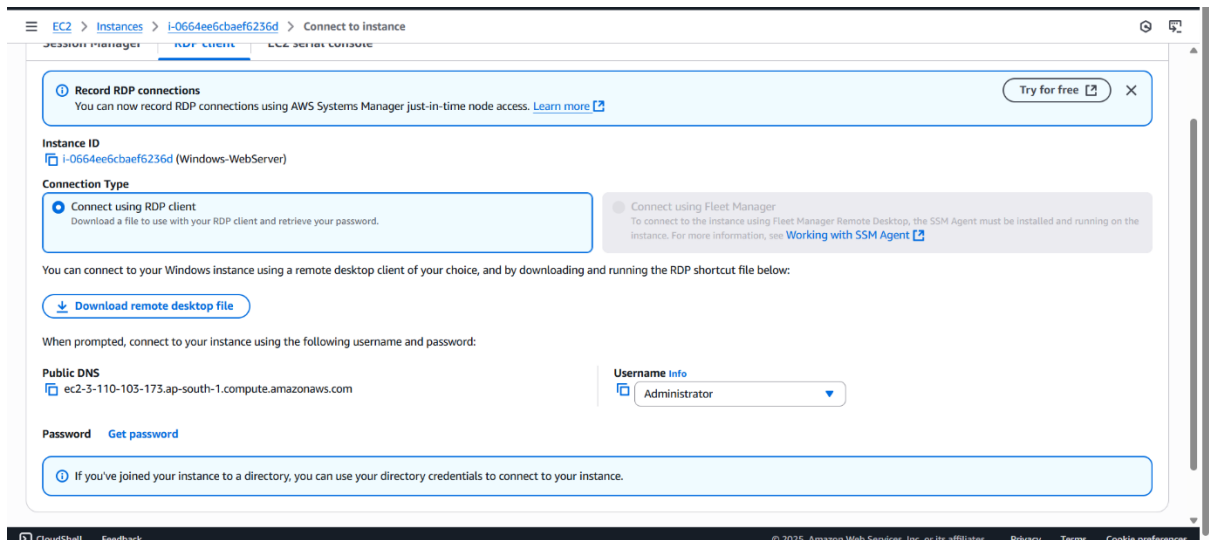
Instance ID i-0261cef73cc5d4060	Public IPv4 address 65.0.125.224 open address	Private IPv4 addresses 172.31.7.6
IPv6 address -	Instance state Running	Public DNS ec2-65-0-125-224.ap-south-1.compute.amazonaws.com open address

```
ashok@WIN-N201DVE01KC MINGW64 ~
$ cd downloads/

ashok@WIN-N201DVE01KC MINGW64 ~/downloads
$ ssh -i Webserver.pem ubuntu@65.0.125.224
Warning: Identity file Webserver.pem not accessible: No such file or directory.
The authenticity of host '65.0.125.224 (65.0.125.224)' can't be established.
ED25519 key fingerprint is SHA256:l3RCSbjPxCKXfP6mV507/Of7aZ7QysesbsRBURAYT50.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '65.0.125.224' (ED25519) to the list of known hosts.
ubuntu@65.0.125.224: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).

ashok@WIN-N201DVE01KC MINGW64 ~/downloads
$ |
```



EC2

Dashboard

EC2 Global View

Events

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Instances

Instance Types

Launch Templates

Spot Requests

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Reserved Instances

Dedicated Hosts

Capacity Reservations

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Successfully created volume vol-0d556603bbde34614.

Volumes (2)

Info

Save filter sets

Choose filter set

Search

Last updated less than a minute ago

Actions

Create volume

1

Table with 10 columns: Name, Volume ID, Type, Size, IOPS, Throughput, Snapshot ID, Created. It lists two volumes: vol-0b05ce1941e2a9d34 (30 GiB, 100 IOPS) and vol-0c0a26846fb9fee52 (8 GiB, 100 IOPS).

Fault tolerance for all volumes in this Region

Snapshot summary

Recently backed up volumes / Total # volumes

0 / 2

Data Lifecycle Manager default policy for EBS Snapshots status

Failed to fetch default policy status

CloudShell

Feedback

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37°C

Mostly sunny

Search

ENG IN

15:24

05-06-2025

EC2 > Volumes > vol-0d556603bbde34614 > Attach volume

Attach volume

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

Basic details

Volume ID

vol-0d556603bbde34614

Availability Zone

ap-south-1a

Instance

Search instance ID or name tag

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

Device name

Select a device name

Cancel

Attach volume

CloudShell

Feedback

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Cookie preferences

EC2 > Volumes > Create volume

Create volume

Volume settings

Volume type

General Purpose SSD (gp3)

Size (GiB)

5

Min: 1 GiB, Max: 16384 GiB.

IOPS

3000

Min: 3000 IOPS, Max: 16000 IOPS.

Throughput (MiB/s)

125

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

Availability Zone

ap-south-1a

Snapshot ID - optional

Don't create volume from a snapshot

Encryption

Use Amazon EBS encryption as an encryption solution for your EBS resources associated with your EC2 instances.

Encrypt this volume

CloudShell

Feedback

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

Availability Zone [Info](#)

ap-south-1a ▲

Q |

ap-south-1a ✓

ap-south-1b

ap-south-1c

Questions:

My EC2 instance is running in ap-south-1a but I'm not able to connect. Can you help me verify the security group and public IP configuration?"

Should I associate an Elastic IP for consistent connectivity to my EC2 instance?"

Is there a temporary capacity issue in ap-south-1a preventing me from launching a new instance?"