AWS Task-4

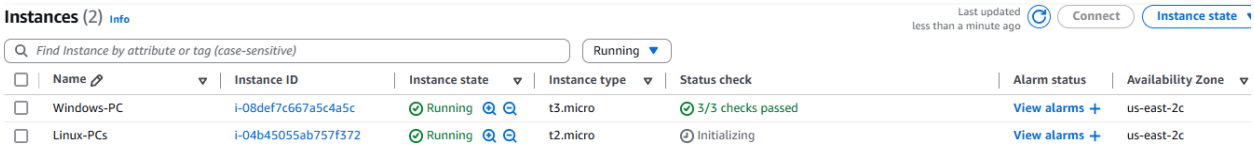
Task Description:

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.

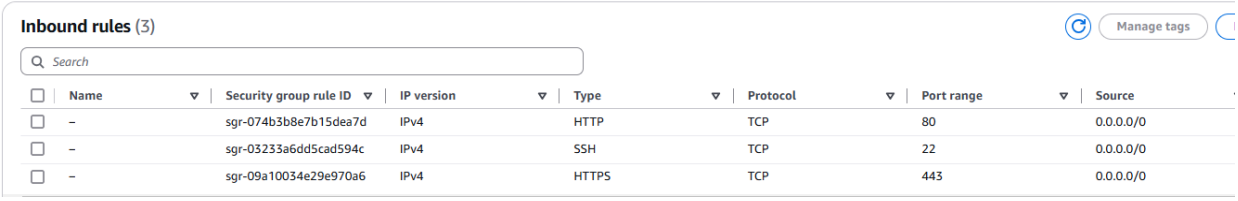
Techstacks needs to be used :

- AWS EBS
- AWS EC2

Windows / Linux machine created.



Security group has access to webserver port 80/443 as well.



Create EBS volume 5 GB

Volumes > Create volume

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

5

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.

Availability Zone | Info

us-east-2c

Snapshot ID - *optional* | Info

Don't create volume from a snapshot

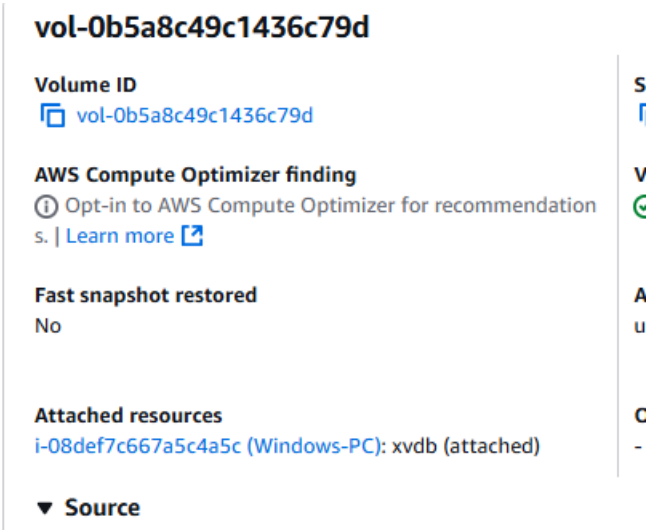
Encryption | Info

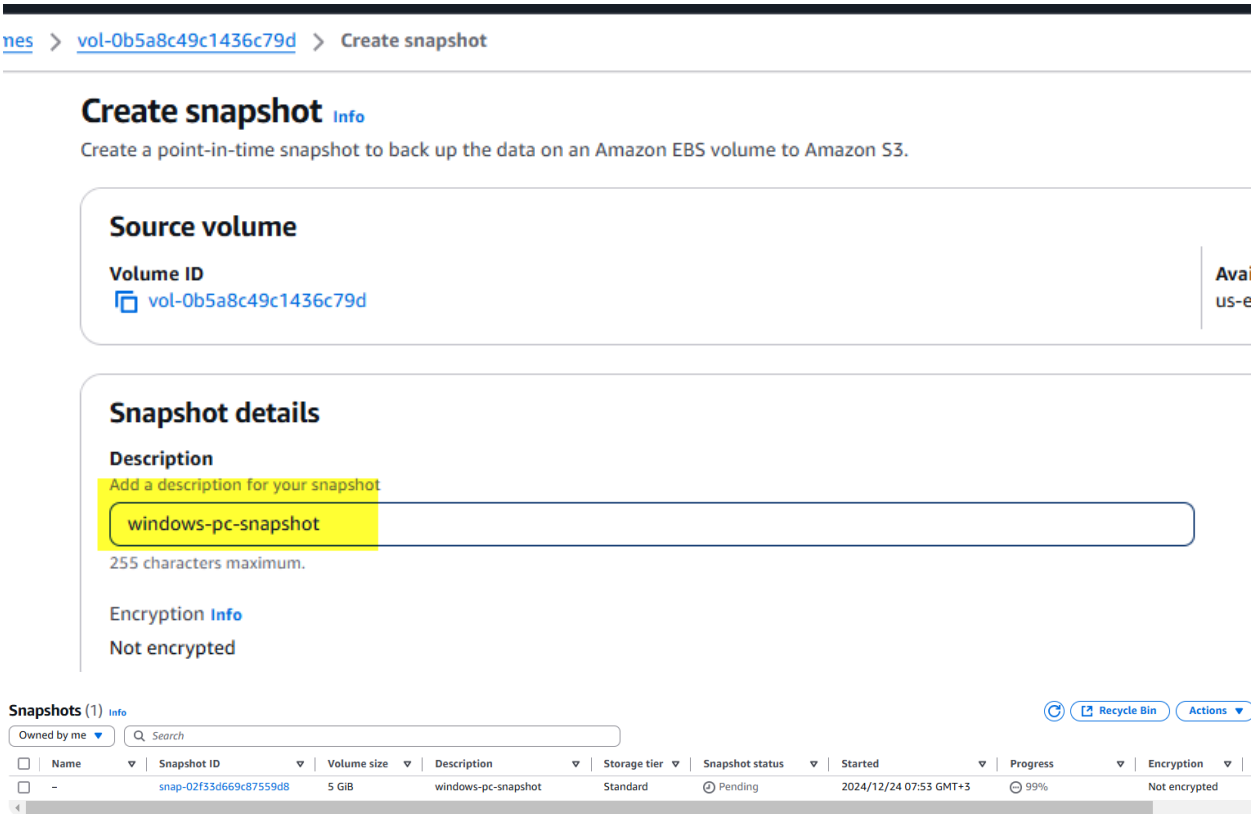
Use Amazon EBS encryption as an encryption solution for your EBS resources associated with your EC2 instances.

☐ Encrypt this volume

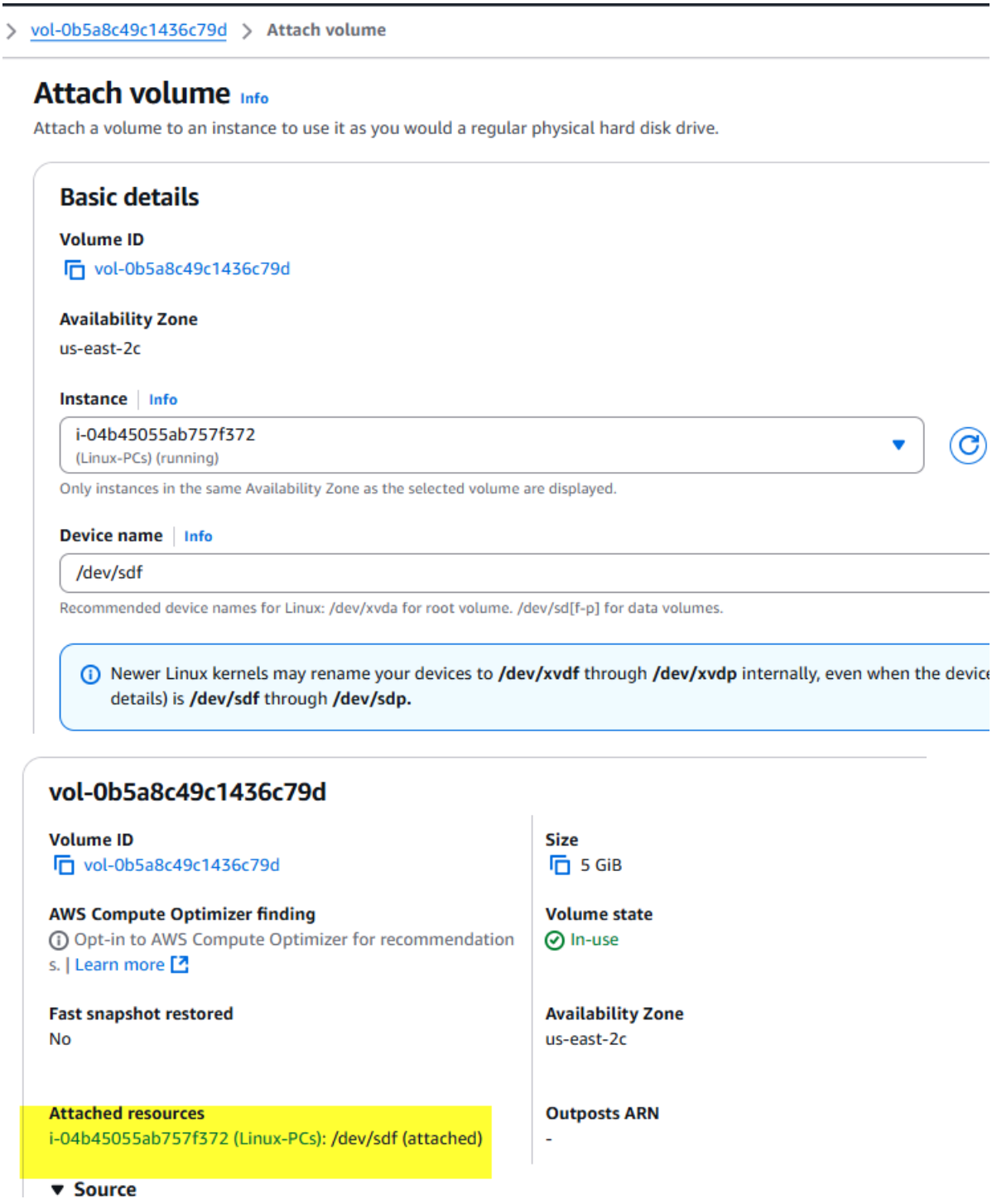
☐	-	vol-0b5a8c49c1436c79d	gp3	5 GiB	3000	125	-	2024/12/24 07:50 GMT+3	us-east-2c	Available	No alarms	+	-

Attach EBS volume to Windows PC first and take snapshot

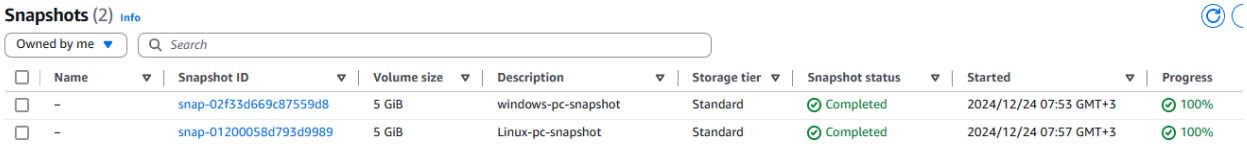




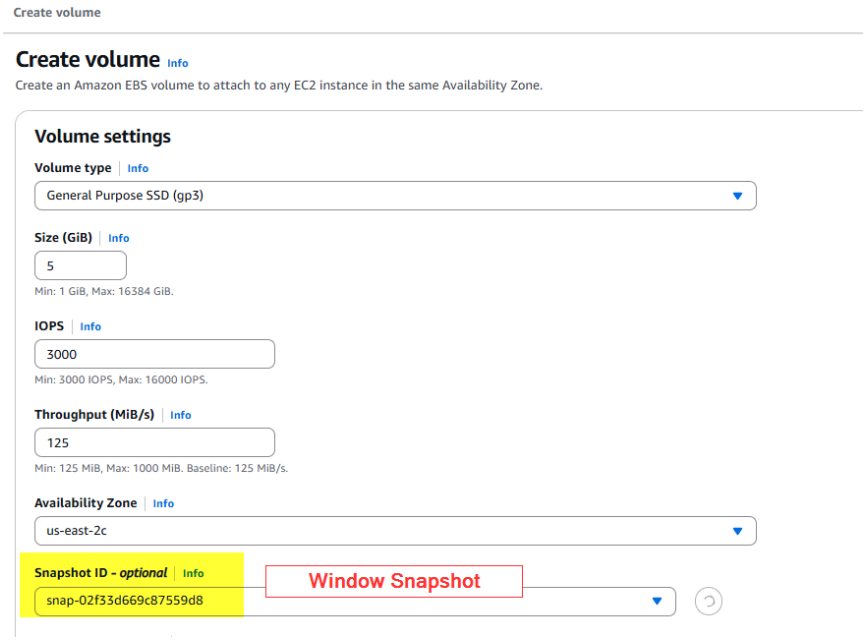
Now detatach volume from Windows and attach to Linux-PC



Snapshot created Linux / Windows



Creating EBS volume from snapshot



Create volume Info

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

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Availability Zone | Info

us-east-2c

Snapshot ID - *optional* | Info

snap-01200058d793d9989

Linux Snapshot

Fast snapshot restore | Info

Volume from Windows / Linux Snapshot

vol-0eb7e2fb5f6497ba2	gp3	5 GiB	3000	125	Linux	snap-01200058d793d9989	2024/12/24 08:08 GMT+3	us-east-2c	Available
vol-09240235dfb0568b3	gp3	5 GiB	3000	12	Windows	snap-02f33d669c87559d8	2024/12/24 08:05 GMT+3	us-east-2c	Available