



AWS Cloud and Devops

by Mr. Mahendran Selvakumar

**Create a snapshot from the volume and copy it to
another region.**

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Class: 2nd CSE-C

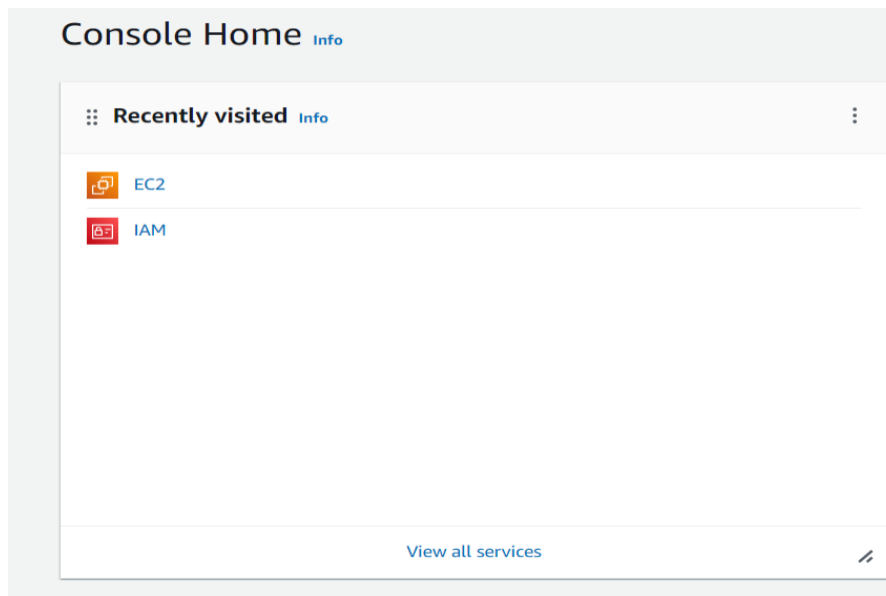
Organized by KPR Institute of Engineering and Technology

Department of Computer Science and Engineering

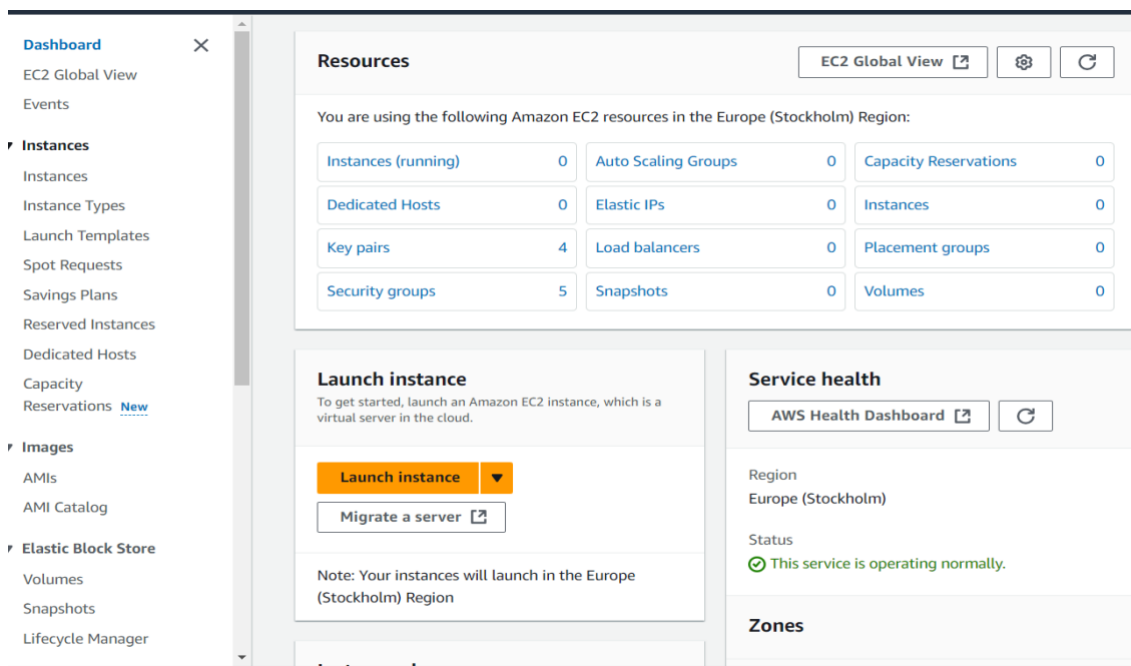
We are going to see the step by step guide to create a snapshot from the volume and coping it in another region.

STEP 1: Log in to the AWS management console.

Click EC2



STEP 2: Click “Launch instances”



Give the name..

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

kprwindows

[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

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

Recents

Quick Start

Select the windows OS

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

Recents

Quick Start

Amazon Linux

aws

macOS

Mac

Ubuntu

ubuntu

Windows

Microsoft

Red Hat

Red Hat

SUSE Li

SUSE

Q

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

Microsoft Windows Server 2025 Base

ami-06f0776c761daa76e (64-bit (x86))

Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible ▼

Create a key pair.

▼ **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

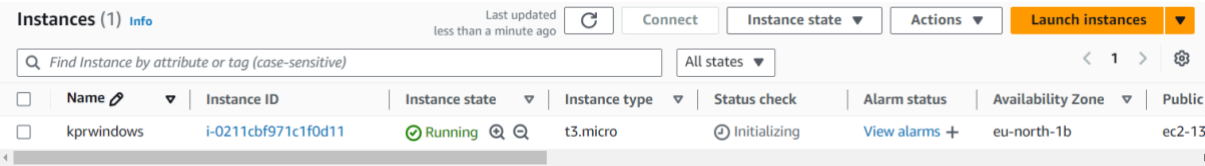
kpr_window ▼

↻

[Create new key pair](#)

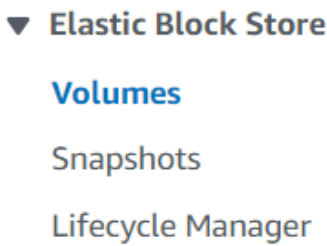
For Windows instances, you use a key pair to decrypt the administrator password. You then use the decrypted password to connect to your instance.

Then click “**Launch instances**”

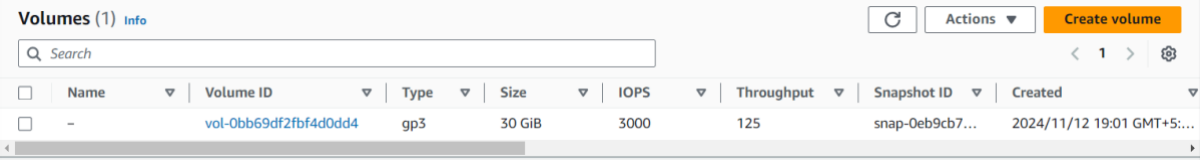


Step 3: Navigate to the volume

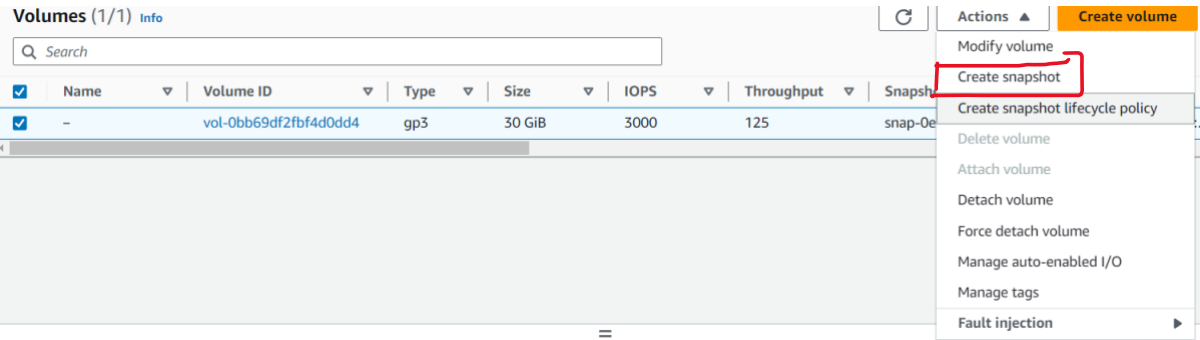
Under “**Elastic block store**” click on **volumes**.



Select the EBS volume you want to create a snapshot.



Click on actions and select “**Create Snapshot**”.



Step 4: Provide a description for the snapshot.

Enter the description details.

Create snapshot [Info](#)

Create a point-in-time snapshot to back up the data on an Amazon EBS volume to Amazon S3.

Source volume

Volume ID

 vol-0bb69df2fbf4d0dd4

Availability Zone

eu-north-1b

Snapshot details

Description

Add a description for your snapshot

snapshot from winvol

255 characters maximum.

Encryption [Info](#)

Not encrypted

Then click on tags and add the key and value,

Click “Create snapshot”

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.

Key

 Name



Value - optional

 winvolsnap



Remove

Add tag

You can add 49 more tags.

Cancel

Create snapshot

Snapshot is created..

Snapshots (1) [Info](#)



 Recycle Bin

Actions

Create snapshot

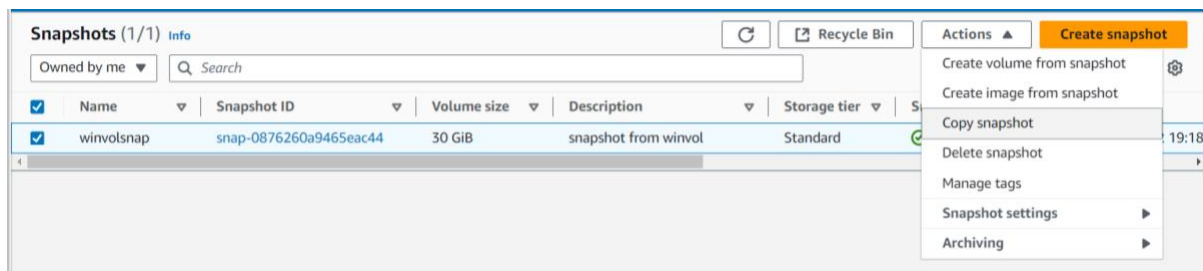
Owned by me

 Search

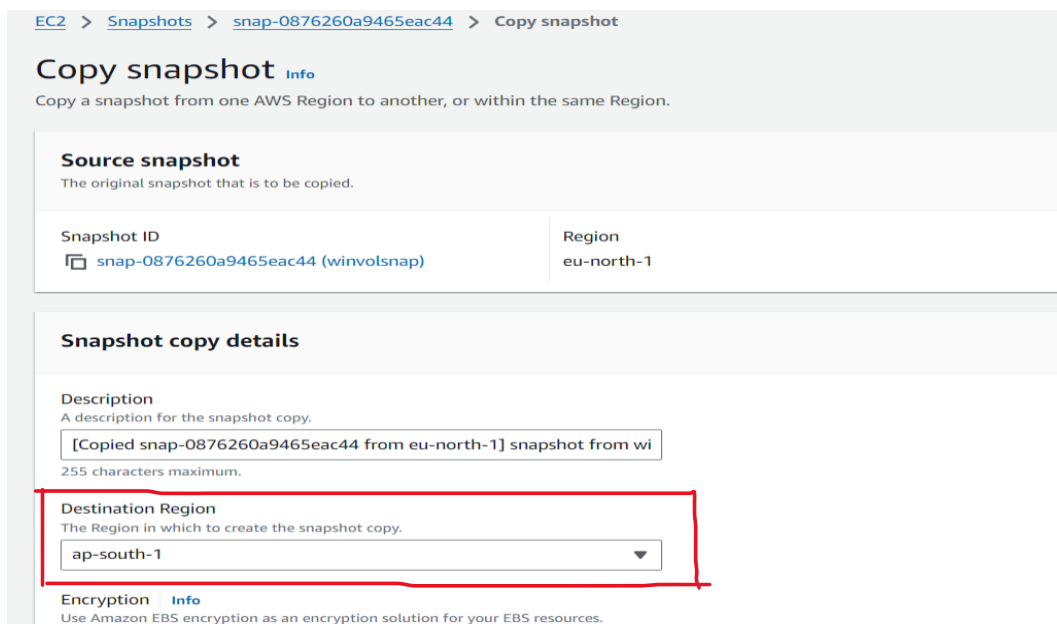
< 1 > 

<input type="checkbox"/>	Name	Snapshot ID	Volume size	Description	Storage tier	Snapshot status	Started
<input type="checkbox"/>	winvolsnap	snap-0876260a9465eac44	30 GiB	snapshot from winvol	Standard	Completed	2024/11/12 19:18

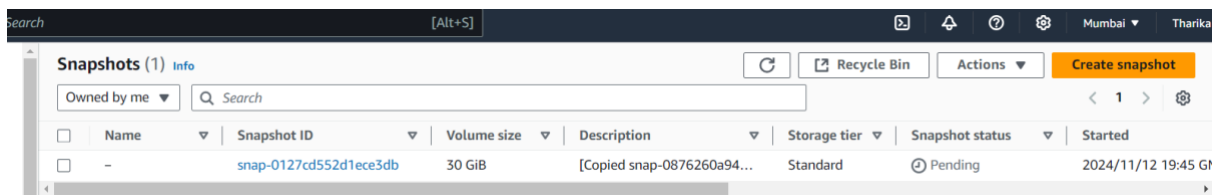
Step 5: Click “Copy snapshot”.



Here you can see the destination region, there you can give any region.

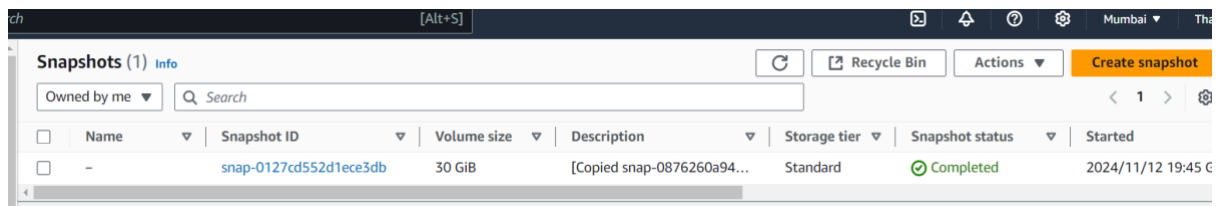


The ap-south-1 regoin is mumbai



So now you can see here,

The snapshot has been copied in the another regoin successfully.



****Delete your volumes, snapshot, and instance if you have created.****