Department of Computer Science and Engineering
Accredited by NBA | Permanently Affiliated to Anna University - Chennai

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")
Avinashi Road, Arasur, Coimbatore.

AWS Cloud and Devops

by Mr. Mahendran Selvakumar

Create a snapshot from an EBS Volume

Name: **Santhiya.S** Class: **CSE-C(II year)**

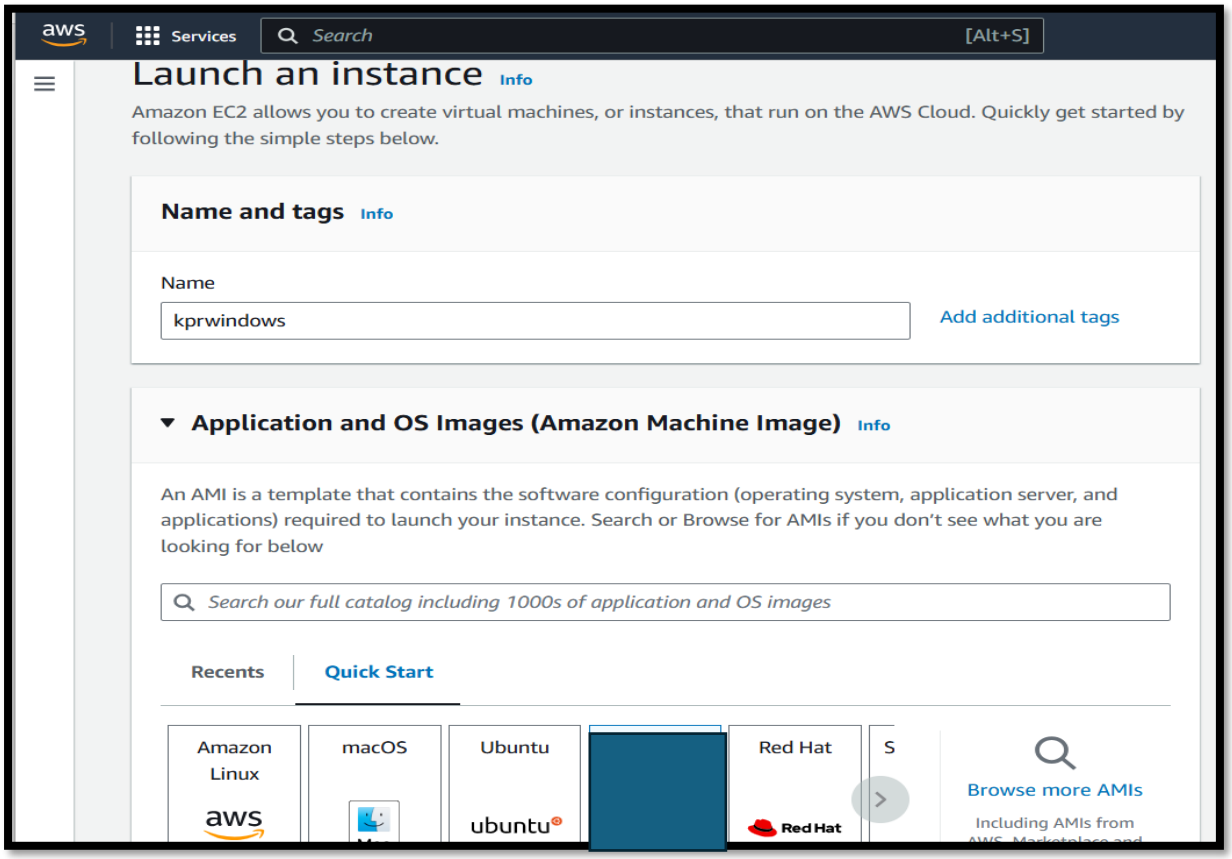
Organized by KPR Institute of Engineering and Technology

Department of Computer Science and Engineering

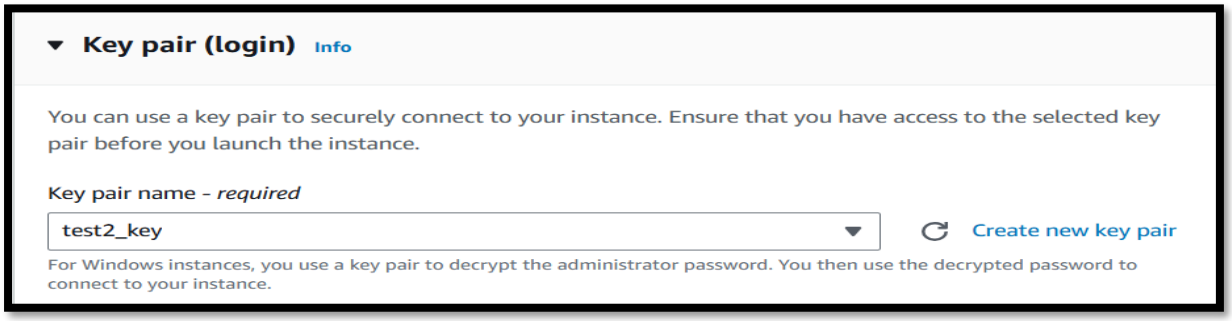
Step1: create an instance:

• Create new EC2 Instance. I named instance as “kprwindows”

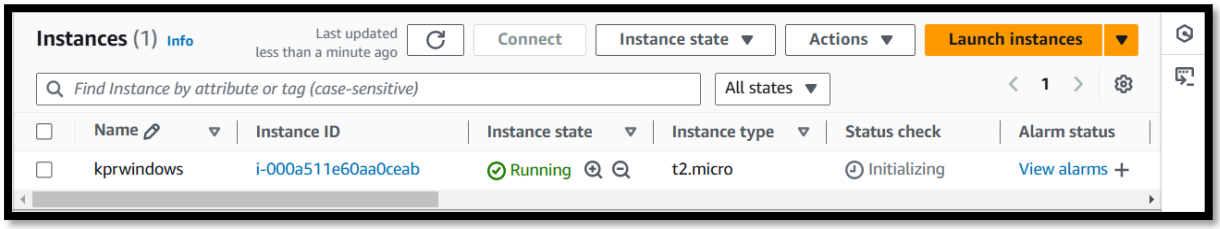
• Choose Windows OS or any other.



➢ I’m gonna reuse my key pair which I have already created. Remember to create key pair with .pem file type for windows.



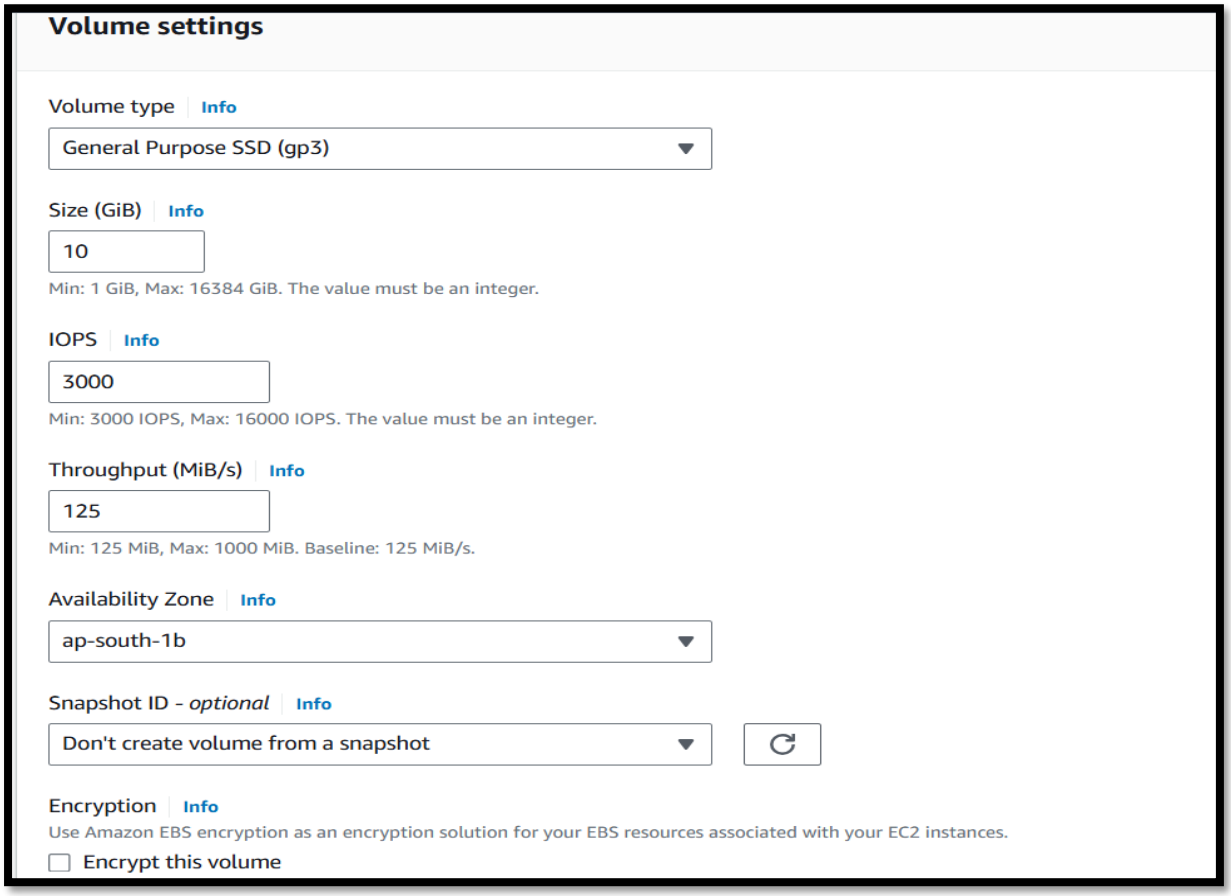
You can see my instance has been successfully initiated.

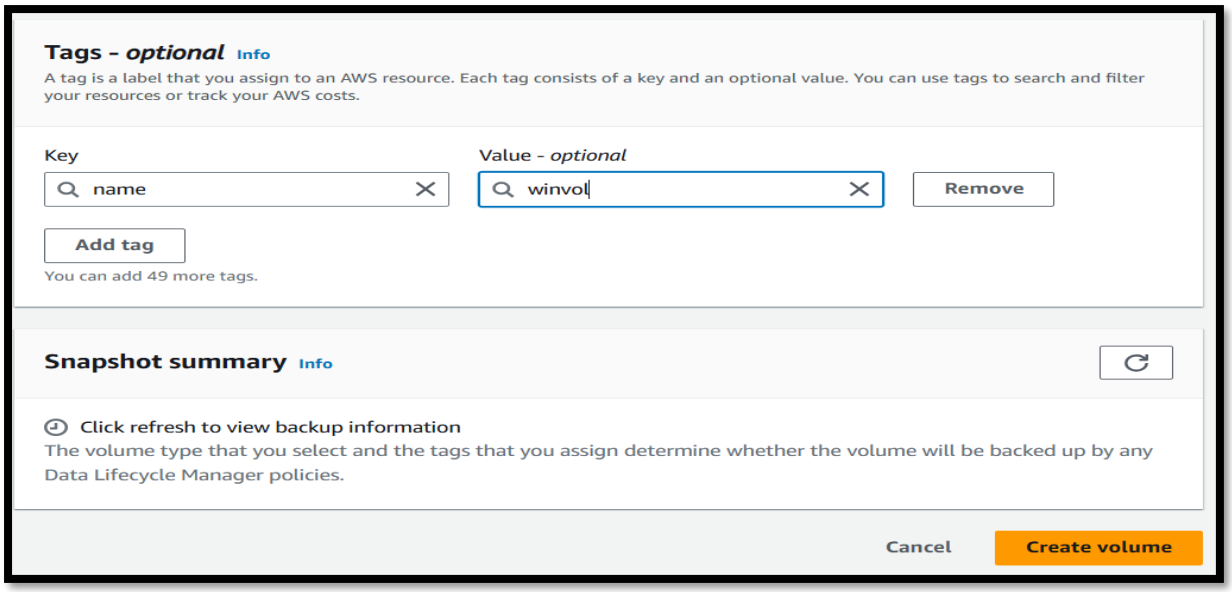


Step 2:create a EBS volume

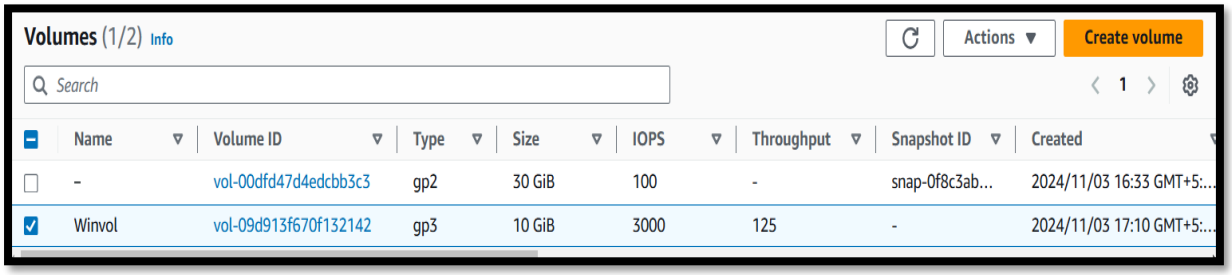
Some points to remember:

- Create volume at same location of instance.
- Allocate the required volume for an instance.
- “The availability zone of EC2 instance and the volume should be same”.



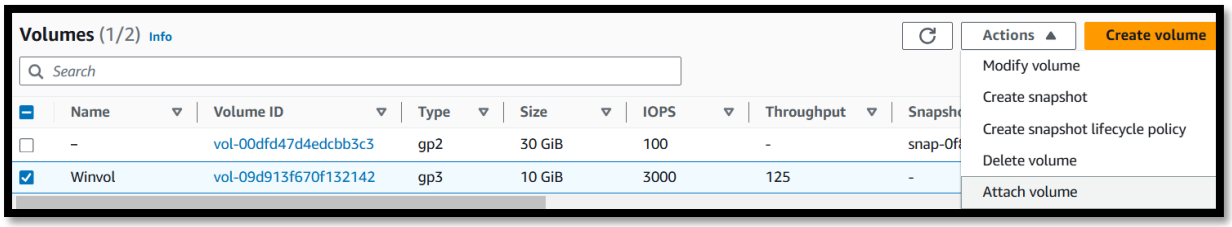


- Now you can see we have successfully created a volume of **10Gb**, with tag named tag-**Winvol.**

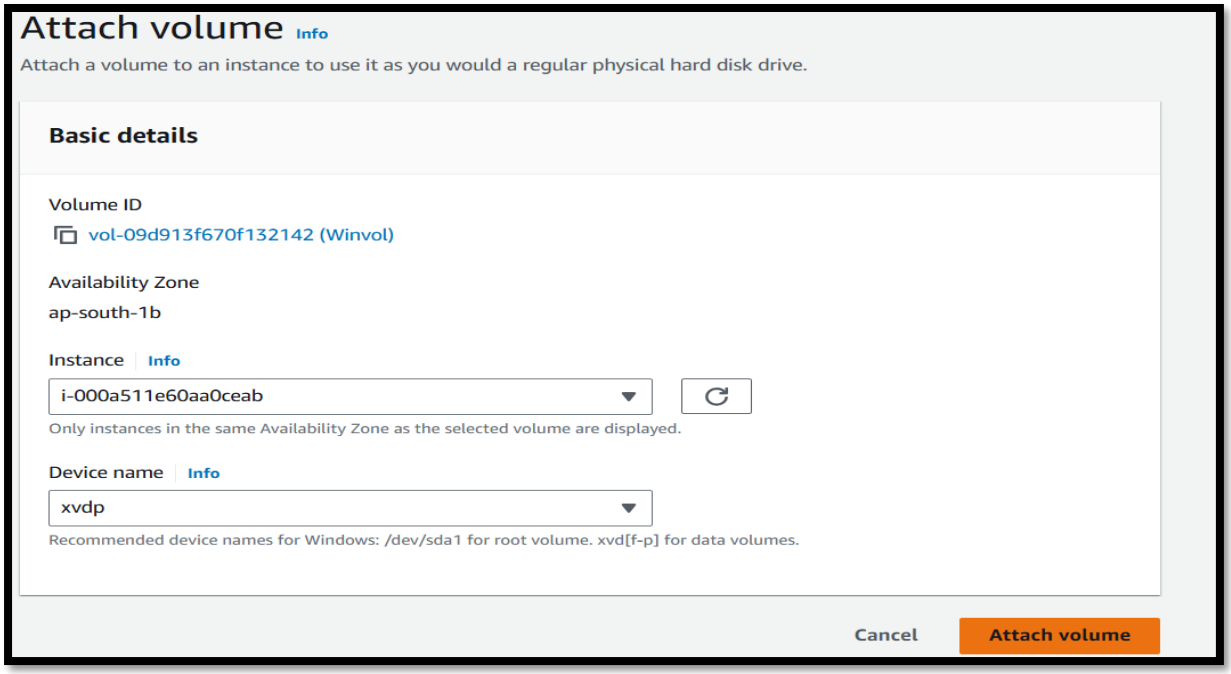


Step 3:Attach the EBS Volume to the EC2 Instance

- As the volume will be in available state, we need to attach the volume to EC2 instance.

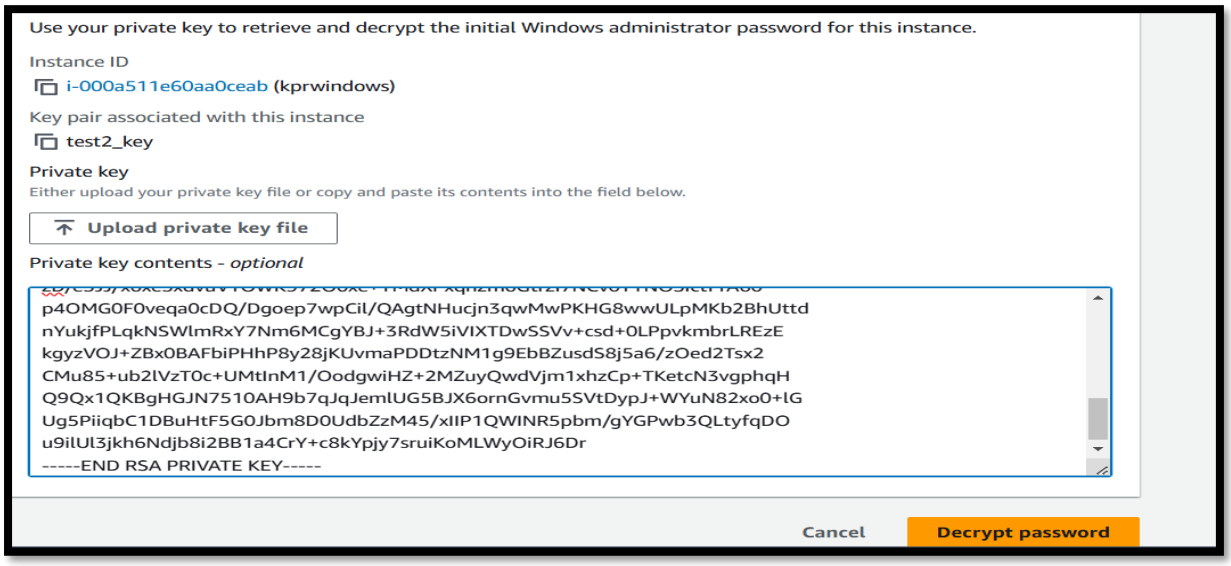


- Select instance from the drop down box and the device name as **xvdp** and click **attach volume**

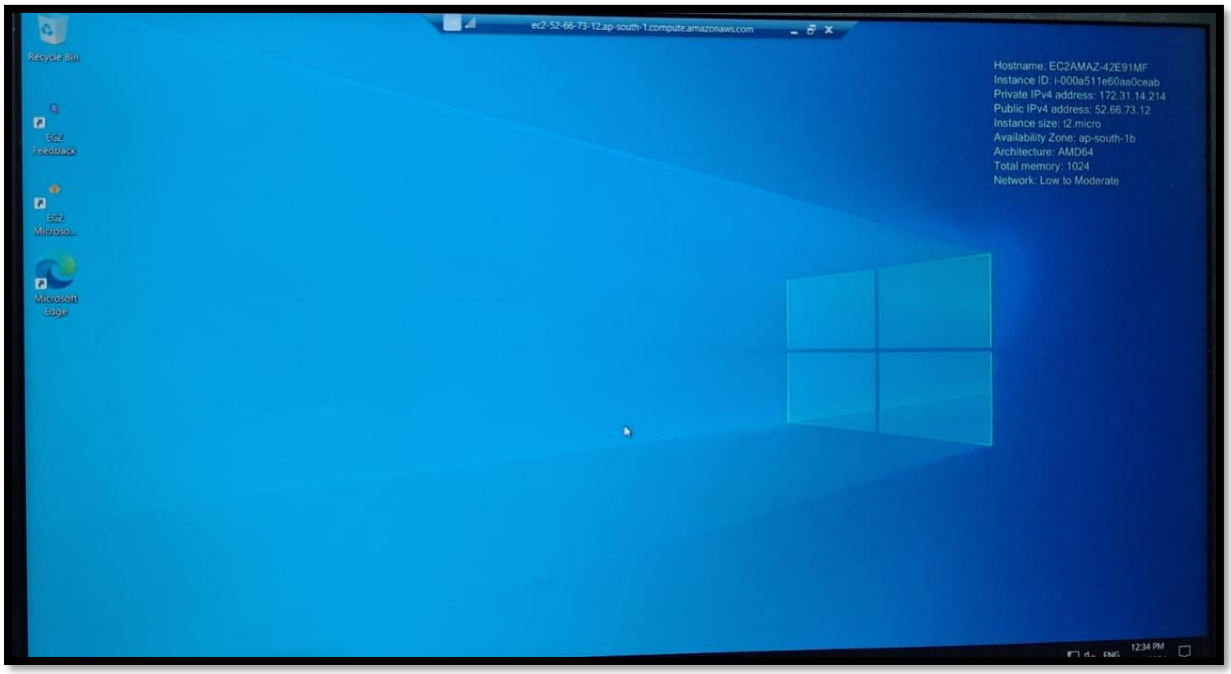


Step 4:Connect to Your EC2 Instance

- Go to Instances in the EC2 dashboard.
- Select your instance and click on Connect.
- Follow the connection instructions for SSH or your preferred method of accessing the instance.



- In RDC,copy the ipv4 address of the instance and paste the password that has been decrypted in the above step, a new desktop will be opened.

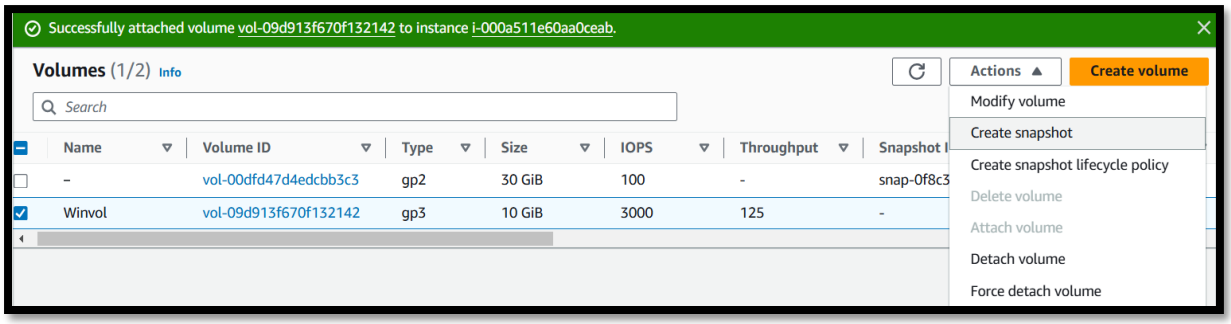


Step 4:Create a new volume (refer the previous documents)

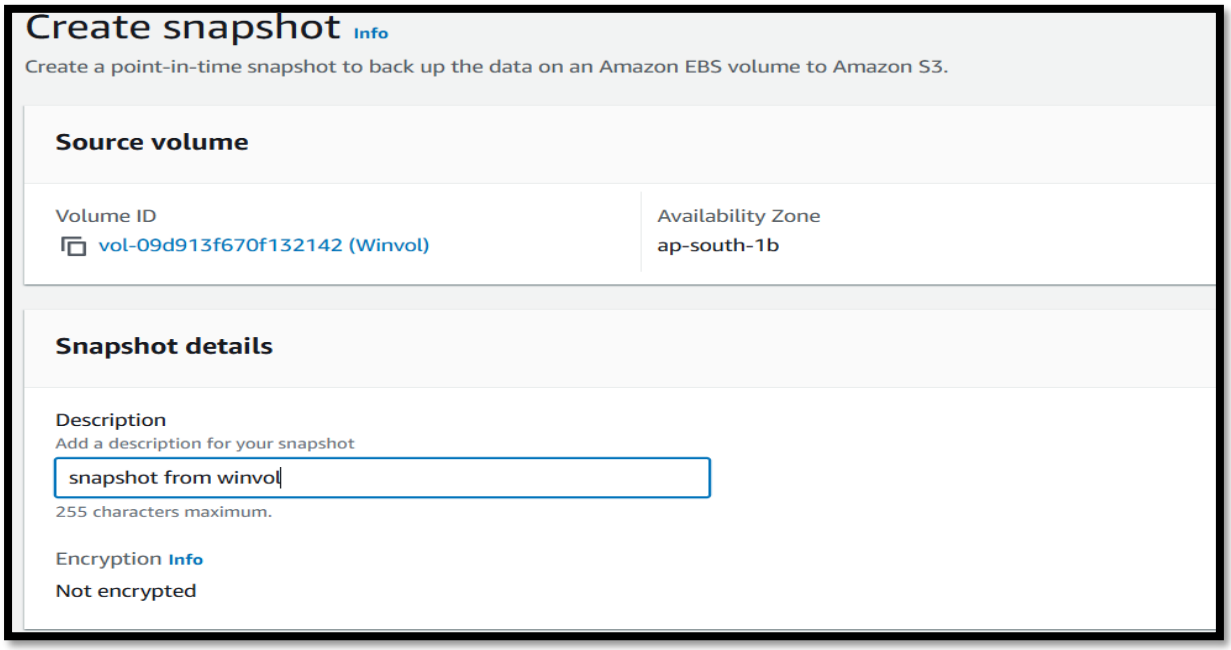
- After creating a new volume (d drive) ,create a **two new folder** and a **text folder** in that newly created volume to take a snapshot

Step 5:Creating a snapshot:

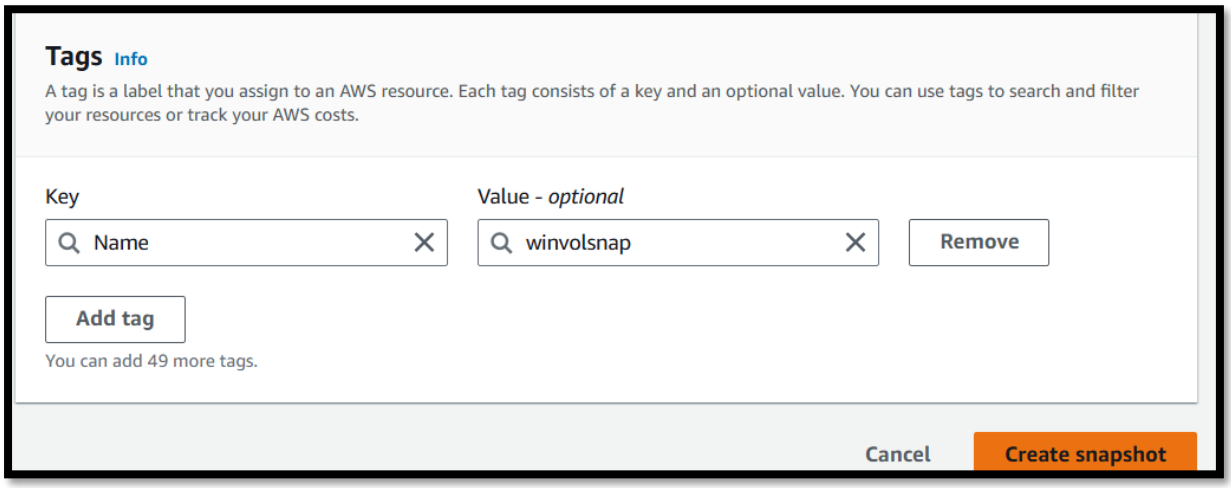
- Now in volume,Select the **Window volume**
- In Actions,select **create snapchat** from the dropdown menu



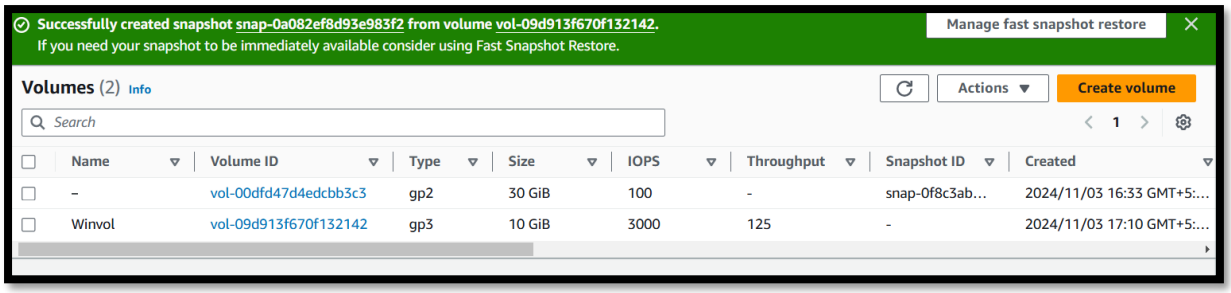
- Now, give any description



- Give the key and tag name



- Now a snapshot has been successfully created and a snapchat id is also visible


Successfully created snapshot snap-0a082ef8d93e983f2 from volume vol-09d913f670f132142.
If you need your snapshot to be immediately available consider using Fast Snapshot Restore.
Manage fast snapshot restore
Volumes (2) Info
Actions
Create volume
Search
1
Name
Volume ID
Type
Size
IOPS
Throughput
Snapshot ID
Created
–
vol-00dfd47d4edcbb3c3
gp2
30 GiB
100
-
snap-0f8c3ab...
2024/11/03 16:33 GMT+5:...
Winvol
vol-09d913f670f132142
gp3
10 GiB
3000
125
-
2024/11/03 17:10 GMT+5:...