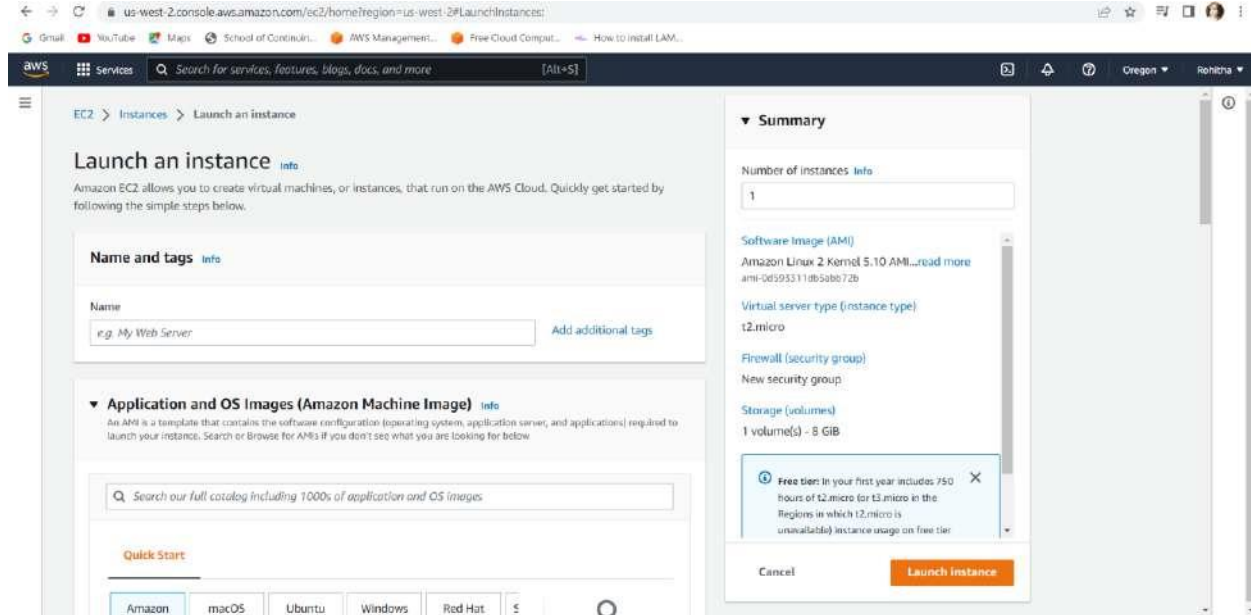
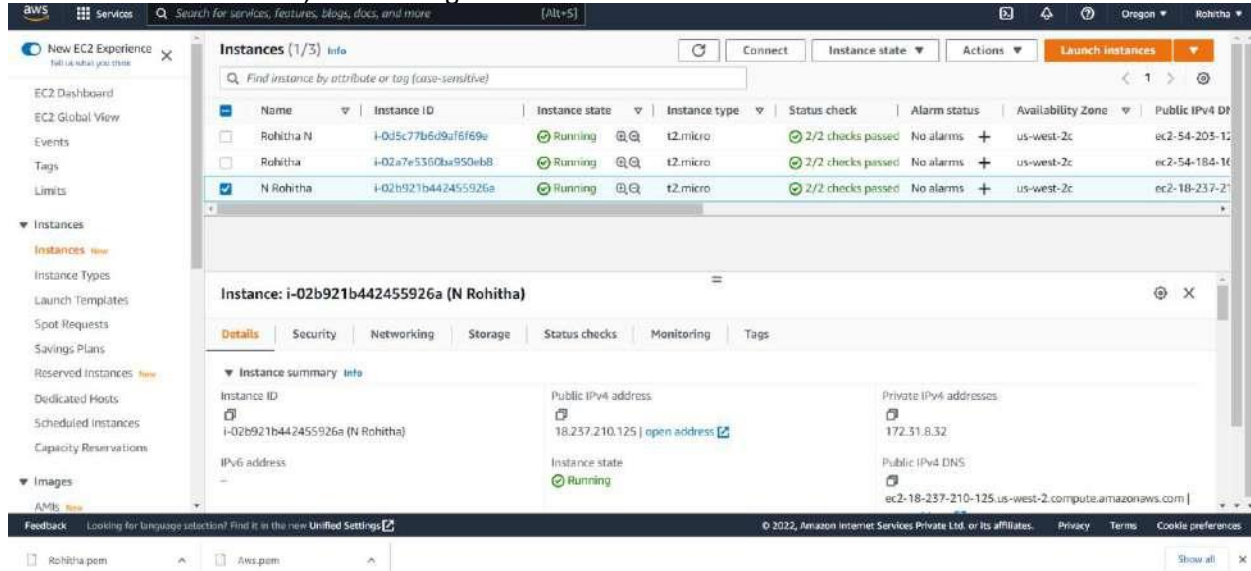


## 1. Create EC2 instance.

Go to instances and click on Launch instance.




Once instance is created, select and go to connect.






Go to SSH Client tab and copy SSH key and open windows powershell. Paste the SSH key and connect EC2 instance.

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EC2 Instance Connect Session Manager **SSH client** EC2 serial console


Instance ID  
 i-02b921b442455926a (N Rohitha)

1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is Rohitha.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.  
 `chmod 400 Rohitha.pem`
4. Connect to your instance using its Public DNS:  
 `ec2-18-237-210-125.us-west-2.compute.amazonaws.com`

Example:  
 `ssh -i "Rohitha.pem" ec2-user@ec2-18-237-210-125.us-west-2.compute.amazonaws.com`

**Note:** In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.


Feedback: Looking for language selection? Find it in the new Unified Settings  © 2022, Amazon Internet Services Private Ltd. or its affiliates. Privacy Terms Cookies

 ec2-user@ip-172-31-8-32:~

```
PS C:\Users\DELL> cd Desktop
PS C:\Users\DELL\Desktop> ssh -i "Rohitha.pem" ec2-user@ec2-18-237-210-125.us-west-2.compute.amazonaws.com
The authenticity of host 'ec2-18-237-210-125.us-west-2.compute.amazonaws.com (18.237.210.125)' can't be established.
ECDSA key fingerprint is SHA256:wVHG4ZQt+DeSh1xLYqGsMG4CvhTP10dJ3x1D3Q8ph50.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-18-237-210-125.us-west-2.compute.amazonaws.com,18.237.210.125' (ECDSA) to the list of known hosts.

  _ | _ | _ | )
  _ | ( _ | /   Amazon Linux 2 AMI
  _ | \ | _ | _ |

https://aws.amazon.com/amazon-linux-2/
13 package(s) needed for security, out of 16 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-8-32 ~]$
```

 root@ip-172-31-8-32:/home/ec2-user

```
[ec2-user@ip-172-31-8-32 ~]$ uptime
15:56:14 up 17 min, 1 user, load average: 0.42, 0.10, 0.03
[ec2-user@ip-172-31-8-32 ~]$ sudo su
[root@ip-172-31-8-32 ec2-user]#
```

## 2. Create Elastic block storage:

Create a volume storage and attach storage to machine.

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

### Volume settings

Volume type [Info](#)  
 General Purpose SSD (gp2)

Size (GiB) [Info](#)  
 100  
 Min: 1 GiB, Max: 16384 GiB. The value must be an integer.

IOPS [Info](#)  
 300 / 5000  
 Baseline of 3 IOPS per GiB with a minimum of 100 IOPS, burstable to 3000 IOPS.

Throughput (MiB/s) [Info](#)  
 Not applicable

Availability Zone [Info](#)  
 us-west-2c

Snapshot ID - optional [Info](#)  
 Don't create volume from a snapshot

Encryption [Info](#)

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New EC2 Experience [Take us what you think](#)

- EC2 Dashboard
- EC2 Global View
- Events
- Tags
- Limits
- Instances
  - Instances [View](#)
  - Instance Types
  - Launch Templates
  - Spot Requests
  - Savings Plans
  - Reserved Instances [View](#)
  - Dedicated Hosts
  - Scheduled Instances
  - Capacity Reservations
- Images

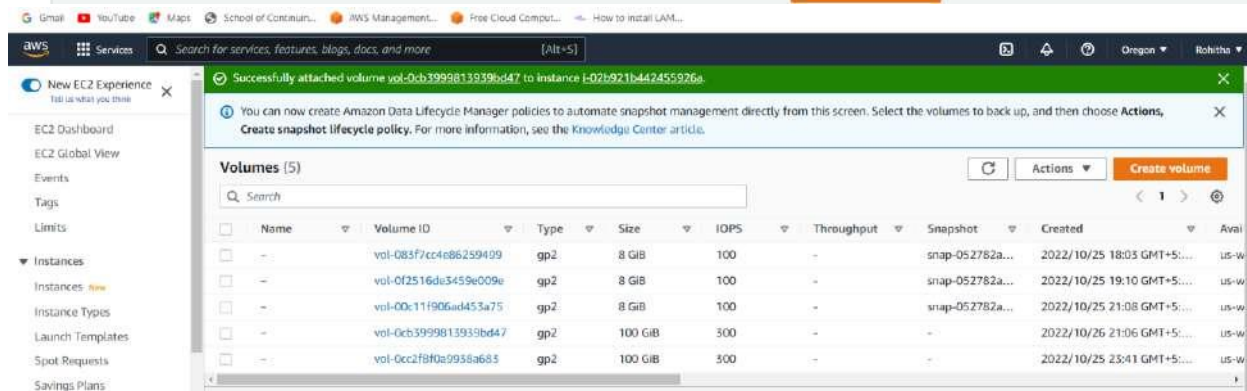
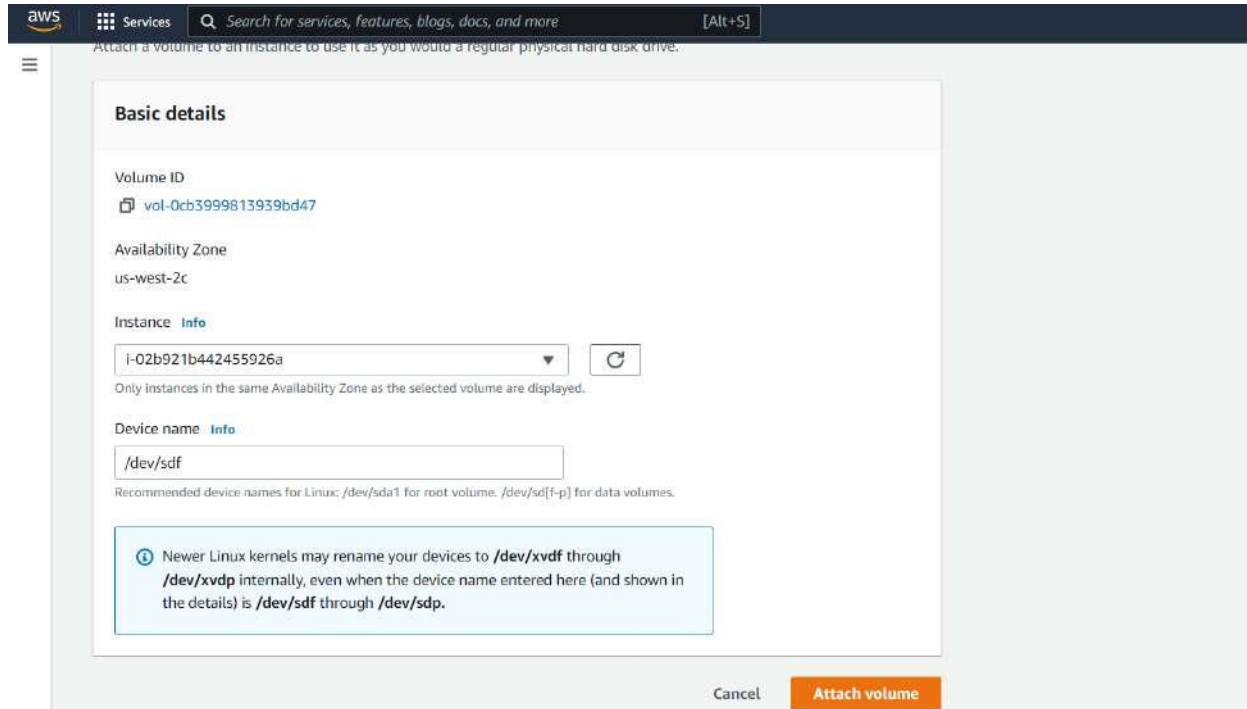
Successfully created volume vol-0cb3999813939bd47.

You can now create Amazon Data Lifecycle Manager policies to automate snapshot management directly from this screen. Select the volumes to back up, and then choose **Actions**, **Create snapshot lifecycle policy**. For more information, see the [Knowledge Center article](#).

### Volumes (5)

Search

IOPS	Throughput	Snapshot	Created	Availability Zone	Volume state	Alarm status	Attached Instances
100	-	snap-052782a...	2022/10/25 18:05 GMT+5...	us-west-2c	Available	No alarms	+ -
100	-	snap-052782a...	2022/10/25 19:10 GMT+5...	us-west-2c	Available	No alarms	+ -
100	-	snap-052782a...	2022/10/25 21:08 GMT+5...	us-west-2c	In-use	No alarms	+ i-02b921b4245592e
300	-	-	2022/10/26 21:06 GMT+5...	us-west-2c	Available	No alarms	+ -
300	-	-	2022/10/25 23:41 GMT+5...	us-west-2a	Available	No alarms	+ -



Make a file system and mount the file system.

```

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-8-32 ~]$ sudo su
[root@ip-172-31-8-32 ec2-user]# lsdlk
bash: lsdlk: command not found
[root@ip-172-31-8-32 ec2-user]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   8G  0 disk
└─xvda1     202:1    0   8G  0 part /
xvdf        202:80   0 100G  0 disk
[root@ip-172-31-8-32 ec2-user]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   8G  0 disk
└─xvda1     202:1    0   8G  0 part /
[root@ip-172-31-8-32 ec2-user]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0   8G  0 disk
└─xvda1     202:1    0   8G  0 part /
xvdf        202:80   0 100G  0 disk

```

```
root@ip-172-31-8-32:/home/ec2-user
```

```
Device      Start      End  Sectors Size Type
/dev/xvda1  4096 16777182 16773087 8G Linux filesystem
/dev/xvda128 2048 4095 2048 1M BIOS boot

Partition table entries are not in disk order.

Disk /dev/xvdf: 100 GiB, 107374182400 bytes, 209715200 sectors
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
[root@ip-172-31-8-32 ec2-user]# mkdir attach
[root@ip-172-31-8-32 ec2-user]# mkfs -t xfs /dev/xvdf
meta-data=/dev/xvdf          isize=512    agcount=4, agsize=6553600 blks
=                               sectsz=512   attr=2, projid32bit=1
=                               crc=1      finobt=1, sparse=0
data                bsize=4096  blocks=26214400, imaxpct=25
=                               sunit=0    swidth=0 blks
naming              =version 2   bsize=4096  ascii-ci=0 ftype=1
log                  =internal log bsize=4096  blocks=12800, version=2
=                               sectsz=512   sunit=0 blks, lazy-count=1
realtime            =none          extsz=4096  blocks=0, rtextents=0
[root@ip-172-31-8-32 ec2-user]# pwd
/home/ec2-user
[root@ip-172-31-8-32 ec2-user]# mount -t xfs /dev/xvdf /home/ec2-user/attach
[root@ip-172-31-8-32 ec2-user]# df -ht
df: option requires an argument -- 't'
Try 'df --help' for more information.
[root@ip-172-31-8-32 ec2-user]# df -hT
Filesystem      Type      Size  Used Avail Use% Mounted on
devtmpfs        devtmpfs  474M   0  474M   0% /dev
tmpfs           tmpfs     483M   0  483M   0% /dev/shm
tmpfs           tmpfs     483M 416K  482M   1% /run
tmpfs           tmpfs     483M   0  483M   0% /sys/fs/cgroup
/dev/xvda1      xfs       8.0G  1.9G  6.2G  23% /
tmpfs           tmpfs     97M   0   97M   0% /run/user/1000
/dev/xvdf       xfs      100G 135M  100G   1% /home/ec2-user/attach
[root@ip-172-31-8-32 ec2-user]#
```

Create some files in the file system and unmount the file system.

```
[root@ip-172-31-8-32 ec2-user]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda        202:0    0    8G  0 disk
└─xvda1     202:1    0    8G  0 part /
xvdf        202:80   0  100G  0 disk /home/ec2-user/attach
[root@ip-172-31-8-32 ec2-user]# cd attach
[root@ip-172-31-8-32 attach]# pwd
/home/ec2-user/attach
[root@ip-172-31-8-32 attach]# touch {1..10}.txt
[root@ip-172-31-8-32 attach]# ls
10.txt 1.txt 2.txt 3.txt 4.txt 5.txt 6.txt 7.txt 8.txt 9.txt
[root@ip-172-31-8-32 attach]#
```

```

[ec2-user@ip-172-31-8-32 ~]$ sudo su
[root@ip-172-31-8-32 ec2-user]# cd storage
bash: cd: storage: No such file or directory
[root@ip-172-31-8-32 ec2-user]# df -HT
Filesystem      Type      Size  Used Avail Use% Mounted on
devtmpfs        devtmpfs  474M   0  474M   0% /dev
tmpfs           tmpfs     483M   0  483M   0% /dev/shm
tmpfs           tmpfs     483M 448K  482M   1% /run
tmpfs           tmpfs     483M   0  483M   0% /sys/fs/cgroup
/dev/xvda1      xfs       8.0G  1.9G  6.2G  23% /
/dev/xvdf       xfs      100G  135M  100G   1% /home/ec2-user/attach
tmpfs           tmpfs     97M   0   97M   0% /run/user/1000
[root@ip-172-31-8-32 ec2-user]# lsblk
NAME MAJ:MIN RM  SIZE RO TYPE MOUNTPOINT
xvda  202:0    0    8G  0 disk
└─xvda1 202:1    0    8G  0 part /
xvdf  202:80   0 100G  0 disk /home/ec2-user/attach
[root@ip-172-31-8-32 ec2-user]# cd attach
[root@ip-172-31-8-32 attach]# cd storage
[root@ip-172-31-8-32 storage]# touch {1..10}.txt
[root@ip-172-31-8-32 storage]# ls
10.txt 1.txt 2.txt 3.txt 4.txt 5.txt 6.txt 7.txt 8.txt 9.txt
[root@ip-172-31-8-32 storage]# cd..
bash: cd.: command not found
[root@ip-172-31-8-32 storage]# cd ..
[root@ip-172-31-8-32 attach]# cd ..
[root@ip-172-31-8-32 ec2-user]# umount /home/ec2-user/storage
umount: /home/ec2-user/storage: no mount point specified.
[root@ip-172-31-8-32 ec2-user]# umount /home/ec2-user/attach
umount: /home/ec2-user/attach: target is busy.
[root@ip-172-31-8-32 ec2-user]# df -HT
Filesystem      Type      Size  Used Avail Use% Mounted on
devtmpfs        devtmpfs  474M   0  474M   0% /dev
tmpfs           tmpfs     483M   0  483M   0% /dev/shm
tmpfs           tmpfs     483M 448K  482M   1% /run
tmpfs           tmpfs     483M   0  483M   0% /sys/fs/cgroup
/dev/xvda1      xfs       8.0G  1.9G  6.2G  23% /
/dev/xvdf       xfs      100G  135M  100G   1% /home/ec2-user/attach
tmpfs           tmpfs     97M   0   97M   0% /run/user/1000
[root@ip-172-31-8-32 ec2-user]#

```

3.

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Successfully created snapshot snap-014dc8f5bcd8b91 from volume vol-0cc2f8f0a9938a683. Manage fast snapshot restore

You can now create Amazon Data Lifecycle Manager policies to automate snapshot management directly from this screen. Select the volumes to back up, and then choose **Actions**, **Create snapshot lifecycle policy**. For more information, see the [Knowledge Center article](#).

**Volumes (8)** [Refresh] [Actions] [Create volume]

Search

<input type="checkbox"/>	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot	Created	Avail
<input type="checkbox"/>	-	vol-083f7cc4e86259499	gp2	8 GiB	100	-	snap-052782a...	2022/10/25 18:03 GMT+5:...	us-w
<input type="checkbox"/>	-	vol-0f2516de3459e009e	gp2	8 GiB	100	-	snap-052782a...	2022/10/25 19:10 GMT+5:...	us-w
<input type="checkbox"/>	-	vol-00c11f906ad453a75	gp2	8 GiB	100	-	snap-052782a...	2022/10/25 21:08 GMT+5:...	us-w
<input type="checkbox"/>	-	vol-0cb3999813939bd47	gp2	100 GiB	300	-	-	2022/10/26 21:06 GMT+5:...	us-w
<input type="checkbox"/>	-	vol-08aa663bf85f00564	gp2	8 GiB	100	-	snap-052782a...	2022/10/27 19:33 GMT+5:...	us-w
<input type="checkbox"/>	-	vol-0f9e6ed20f79d1010	gp2	8 GiB	100	-	snap-052782a...	2022/10/27 19:52 GMT+5:...	us-w
<input type="checkbox"/>	-	vol-0459bc9b55aa36f0a	gp2	8 GiB	100	-	snap-052782a...	2022/10/27 19:55 GMT+5:...	us-w
<input type="checkbox"/>	-	vol-0cc2f8f0a9938a683	gp2	100 GiB	300	-	-	2022/10/25 23:41 GMT+5:...	us-w

Select a volume above

Go to snapshots and verify.

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Reserved Instances Dedicated Hosts Scheduled Instances Capacity Reservations

**Snapshots (1/1)** [Refresh] [Recycle Bin] [Actions] [Create snapshot]

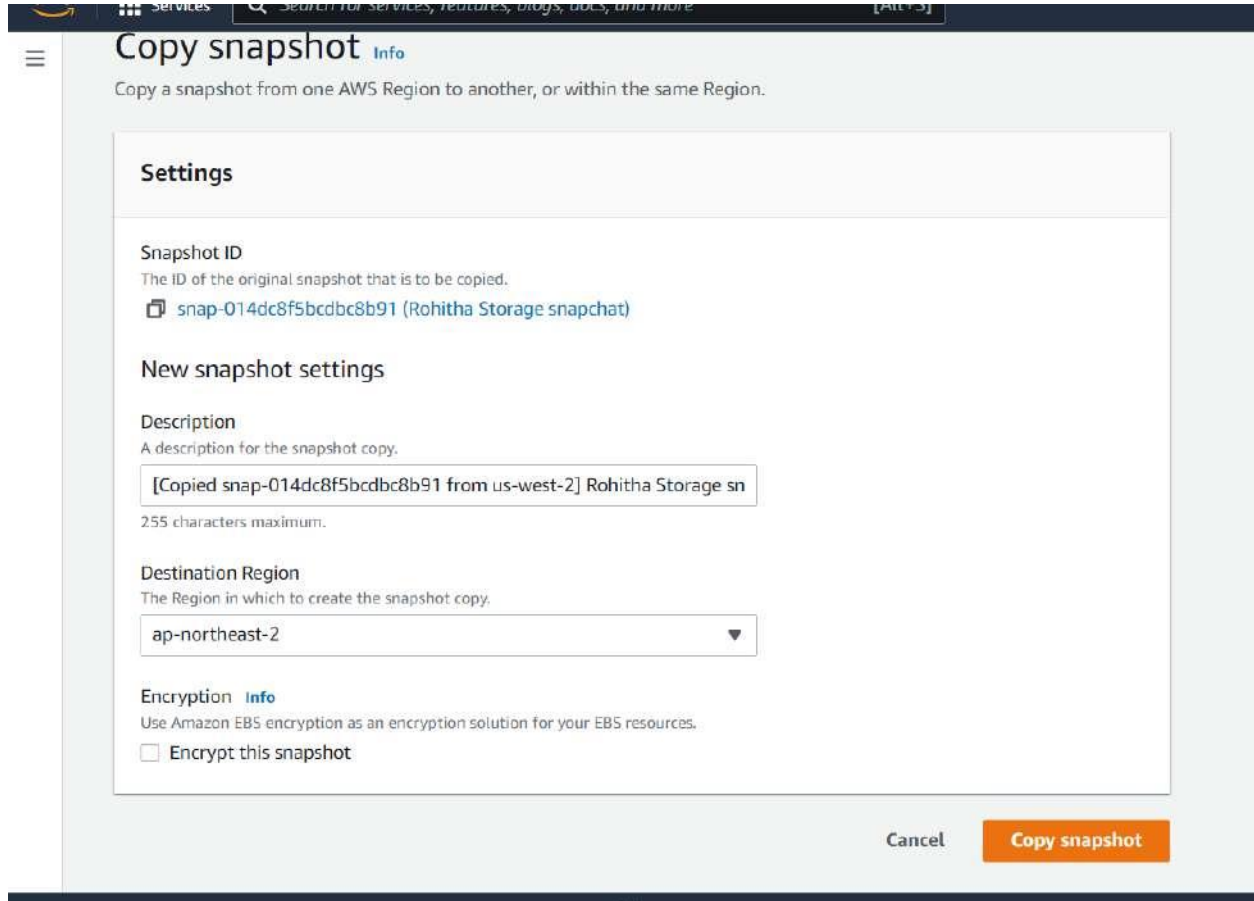
Owned by me Search

<input checked="" type="checkbox"/>	Name	Snapshot ID	Size	Description	Storage...	Snapshot status	Started
<input checked="" type="checkbox"/>	Rohitha Stora...	snap-014dc8f5bcd8b91	100 GiB	Rohitha Storage snapchat	Standard	Completed	2022/11/01 21:33 GMT+5:...

Snapshot ID: snap-014dc8f5bcd8b91 (Rohitha Storage snapchat)

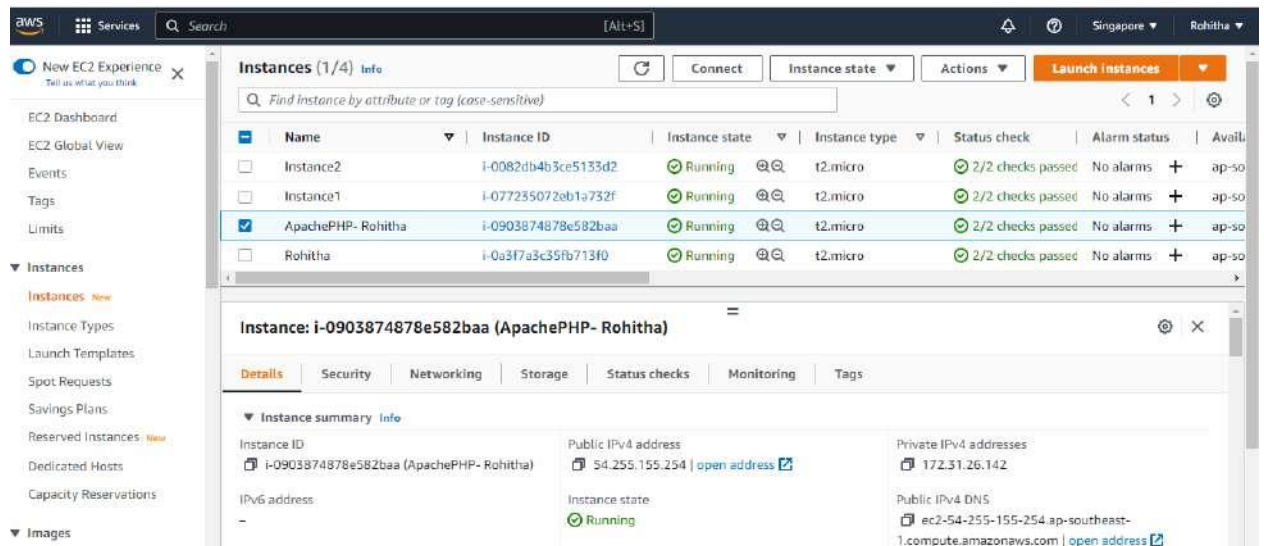
Details Permissions Storage tier Tags

Create a volume from snapshot.



#### 4. AM :

Create an instance and connect to Ubuntu server.



Connect to Apache and PHP server and launch a web application.



```
root@ip-172-31-26-142: /var/www
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\DELL> cd downloads
PS C:\Users\DELL\downloads> ssh -i /home/ubuntu/ec2-54-255-155-254.ap-southeast-1.compute.amazonaws.com
The authenticity of host 'ec2-54-255-155-254.ap-southeast-1.compute.amazonaws.com (54.255.155.254)' can't be established.
ECDSA key fingerprint is SHA256:BR7KSURFQJL54WBRPKXPAUUSNqjIM3BE1Zp2QJmc.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-54-255-155-254.ap-southeast-1.compute.amazonaws.com,54.255.155.254' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 22.04.1 LTS (64U)/Linux 5.15.0-1019-aws x86_64

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Sun Nov  6 10:51:13 UTC 2022

System load: 0.8662109375   Processes:            102
Usage of /:  19.6M of 7.57GB   Users logged in:     0
Memory usage: 20%          IPv4 address for eth0: 172.31.26.142
Swap usage:   0%

0 updates can be applied immediately.

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo ".
See "man sudo_root" for details.

ubuntu@ip-172-31-26-142:~$ sudo su
root@ip-172-31-26-142:/home/ubuntu# sudo apt update
Hit:1 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny InRelease
Get:2 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny-updates InRelease [114 kB]
Get:3 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny-backports InRelease [99.8 kB]
Get:4 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/universe amd64 Packages [14.1 MB]
Get:5 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/universe Translation-en [5652 kB]
Get:6 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/universe amd64 c-n-f Metadata [286 kB]
Get:7 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/multiverse amd64 Packages [217 kB]
```

```
root@ip-172-31-26-142: /var/www
Get:139 http://security.ubuntu.com/ubuntu jenny-security/multiverse translation-en [990 B]
Get:140 http://security.ubuntu.com/ubuntu jenny-security/multiverse amd64 c-n-f Metadata [228 B]
Fetched 24.6 MB in 9s (2723 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
78 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@ip-172-31-26-142:/home/ubuntu# sudo ufw allow ssh
Rules updated
Rules updated (v6)
root@ip-172-31-26-142:/home/ubuntu# sudo ufw allow 80
Rules updated
Rules updated (v6)
root@ip-172-31-26-142:/home/ubuntu# sudo ufw allow 443
Rules updated
Rules updated (v6)
root@ip-172-31-26-142:/home/ubuntu# sudo ufw enable
sudo: ufw: command not found
root@ip-172-31-26-142:/home/ubuntu# sudo ufw enable
Command may disrupt existing ssh connections. Proceed with operation (y/n)? y
Firewall is active and enabled on system startup.
root@ip-172-31-26-142:/home/ubuntu# systemctl status apache2
Unit apache2.service could not be found.
root@ip-172-31-26-142:/home/ubuntu# sudo apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser bzip2-doc
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support ssl-cert
0 upgraded, 13 newly installed, 0 to remove and 78 not upgraded.
Need to get 2138 kB of archives.
After this operation, 8601 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/main amd64 libapr1 amd64 1.7.0-8build1 [167 kB]
Get:2 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/main amd64 libaprutil1 amd64 1.6.1-5ubuntu4 [92.4 kB]
Get:3 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/main amd64 libaprutil1-dbd-sqlite3 amd64 1.6.1-5ubuntu4 [11.3 kB]
Get:4 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/main amd64 libaprutil1-ldap amd64 1.6.1-5ubuntu4 [9162 B]
Get:5 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/main amd64 liblua5.3-0 amd64 5.3.6-1build1 [140 kB]
Get:6 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny-updates/main amd64 apache2-bin amd64 2.4.52-1ubuntu4.1 [1347 kB]
Get:7 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny-updates/main amd64 apache2-data all 2.4.52-1ubuntu4.1 [165 kB]
Get:8 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny-updates/main amd64 apache2-utils amd64 2.4.52-1ubuntu4.1 [89.1 kB]
Get:9 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/main amd64 mailcap all 3.78+nmu1ubuntu1 [23.6 kB]
Get:10 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/main amd64 mime-support all 3.66 [3696 B]
Get:11 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny-updates/main amd64 apache2 amd64 2.4.52-1ubuntu4.1 [97.8 kB]
Get:12 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/main amd64 bzip2 amd64 1.0.8-5build1 [34.8 kB]
Get:13 http://ep-southeast-1.ec2.archive.ubuntu.com/ubuntu jenny/main amd64 ssl-cert all 1.1.2 [17.4 kB]
```

```
root@ip-172-31-26-142: /var/www
enabling conf other-whoops-access-log.
enabling conf security.
enabling conf serve-cgi-bin.
enabling site 000-default.
Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /lib/systemd/system/apache-htcacheclean.service.
Processing triggers for ufw (0.36.1-4build1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
Scanning processes...
Scanning linux images...

Running kernel scans to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@ip-172-31-26-142: /home/ubuntu$ systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
   Active: active (running) since Sun 2022-11-06 11:11:13 UTC; 24s ago
     Docs: https://httpd.apache.org/docs/2.4/
  Main PID: 2454 (apache2)
    Tasks: 55 (limit: 1343)
   Memory: 4.0M
      CPU: 36ms
   CGroup: /system.slice/apache2.service
           └─2454 /usr/sbin/apache2 -k start
           └─2456 /usr/sbin/apache2 -k start
           └─2457 /usr/sbin/apache2 -k start

Nov 06 11:11:13 ip-172-31-26-142 systemd[1]: Starting The Apache HTTP Server...
Nov 06 11:11:13 ip-172-31-26-142 systemd[1]: Started The Apache HTTP Server.
root@ip-172-31-26-142: /home/ubuntu$ cd /var/www/
root@ip-172-31-26-142: /var/www$ ls -ltr
total 4
drwxr-xr-x 2 root root 4096 Nov  6 11:11 www
root@ip-172-31-26-142: /var/www$ cd html/
root@ip-172-31-26-142: /var/www/html$ ls -l
total 12
-rw-r--r-- 1 root root 10671 Nov  6 11:11 index.html
root@ip-172-31-26-142: /var/www/html$ cat index.html
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<!--
  Modified from the Debian original for Ubuntu
-->
```

```
root@ip-172-31-26-142: /var/www
<div class="content_section_text a: hover {
  background-color: #000000;
  color: #DCDCFE;
}>
</div>
<div class="validator">
</div>
</style>
</head>
<body>
  <div class="main_page">
    <div class="page_header floating_element">
      
      <div style="margin-top: 1.5em;" class="floating_element">
        Apache2 Default Page
      </div>
      <div class="banner">
        <div id="about"></div>
        It works!
      </div>
    </div>
    <div class="content_section floating_element">
      <div class="content_section_text">
        <p>
          This is the default welcome page used to test the correct
          operation of the Apache2 server after installation on Ubuntu systems.
          It is based on the equivalent page on Debian, from which the Ubuntu Apache
          packaging is derived.
          If you can read this page, it means that the Apache HTTP server installed at
          this site is working properly. You should <replace this file</b> (located at
          <tt>/var/www/html/index.html</tt>) before continuing to operate your HTTP server.
        </p>
        <p>
          If you are a normal user of this web site and don't know what this page is
          about, this probably means that the site is currently unavailable due to
          maintenance.
          If the problem persists, please contact the site's administrator.
        </p>
      </div>
      <div class="section_header">
        <div id="changes"></div>
        Configuration Overview
      </div>
    </div>
  </div>
</body>
</html>
```

