

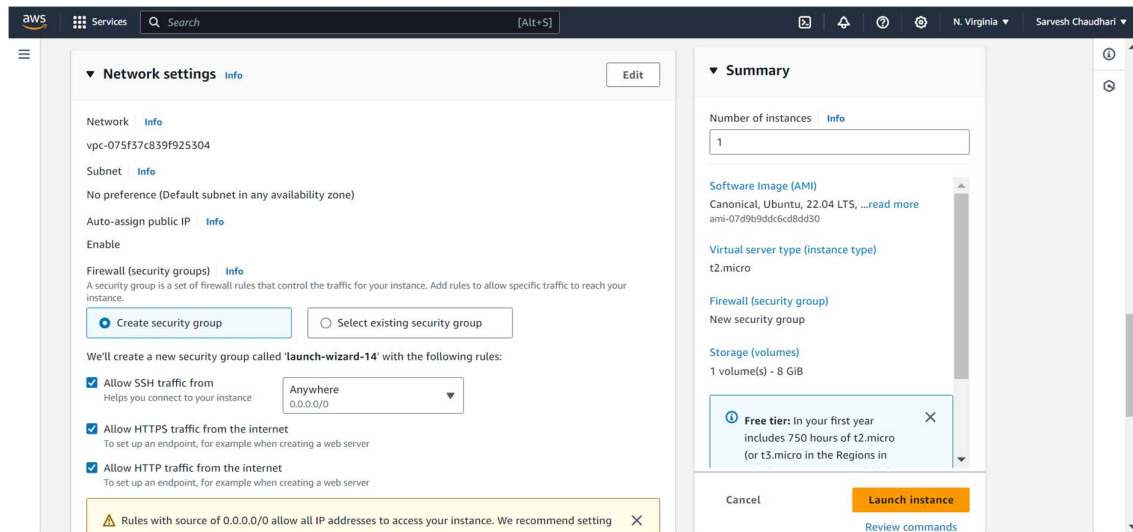
Objective:- Creating IAM images from existing Instance.

- Create instance with Ubuntu server

The image displays two screenshots of the AWS Management Console, specifically the 'Launch an instance' wizard for EC2.

Top Screenshot: The 'Name and tags' step is active. The 'Name' field contains 'DemoAM1'. The 'Application and OS Images (Amazon Machine Image)' section is expanded, showing a search bar and a 'Quick Start' button. The 'Summary' panel on the right shows 'Number of instances' as 1, 'Software Image (AMI)' as 'Amazon Linux 2023 AMI 2023.3.2...', 'Virtual server type (instance type)' as 't2.micro', and 'Storage (volumes)' as '1 volume(s) - 8 GiB'. A 'Free tier' notification is visible.

Bottom Screenshot: The 'Application and OS Images (Amazon Machine Image)' section is expanded, showing a search bar and a 'Quick Start' button. The 'Amazon Machine Image (AMI)' section is selected, displaying 'Ubuntu Server 22.04 LTS (HVM), SSD Volume Type' as the selected AMI. The 'Description' section shows 'Canonical, Ubuntu, 22.04 LTS, amd64 jammy image build on 2024-02-07'. The 'Architecture' is set to '64-bit (x86)' and the 'AMI ID' is 'ami-07d9b9ddc6cd8dd30'. The 'Instance type' section is expanded, showing 't2.micro' as the selected instance type. The 'Summary' panel on the right shows 'Number of instances' as 1, 'Software Image (AMI)' as 'Canonical, Ubuntu, 22.04 LTS, ...', 'Virtual server type (instance type)' as 't2.micro', and 'Storage (volumes)' as '1 volume(s) - 8 GiB'. A 'Free tier' notification is visible.



Launch instance.

Now get into machine using Command prompt

```

ubuntu@ip-172-31-28-227:  x  +  v
Microsoft Windows [Version 10.0.17134.1]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sarvesh>cd downloads

C:\Users\Sarvesh\Downloads>ssh -i b12.pem ubuntu@50.19.66.33
The authenticity of host '50.19.66.33 (50.19.66.33)' can't be established.
ED25519 key fingerprint is SHA256:3muAoEwN+BXBNgfue9/6LINQtUwHX72HNns2iuIW+6E.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '50.19.66.33' (ED25519) to the list of known hosts.
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-1018-aws x86_64)

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

System information as of Fri Mar 1 05:52:44 UTC 2024

System load:  0.45654296875   Processes:            101
Usage of /:   20.3% of 7.57GB   Users logged in:      0
Memory usage: 21%            IPv4 address for eth0: 172.31.28.227
Swap usage:   0%

```

Now clear commands

Then type command to update and install apache

Sudo apt-get update

Sudo apt-get upgrade -y

Sudo apt-get install apache2

Then give commands

```

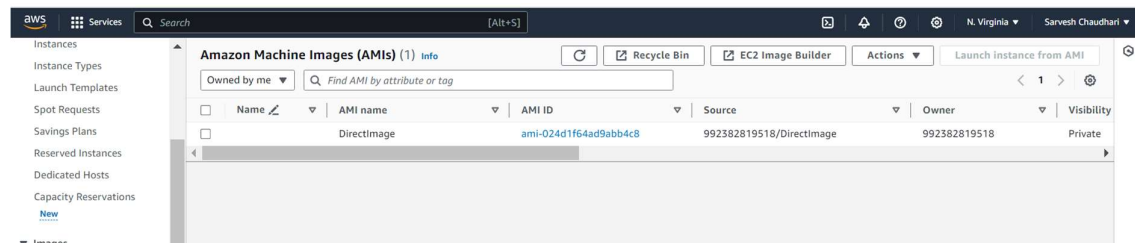
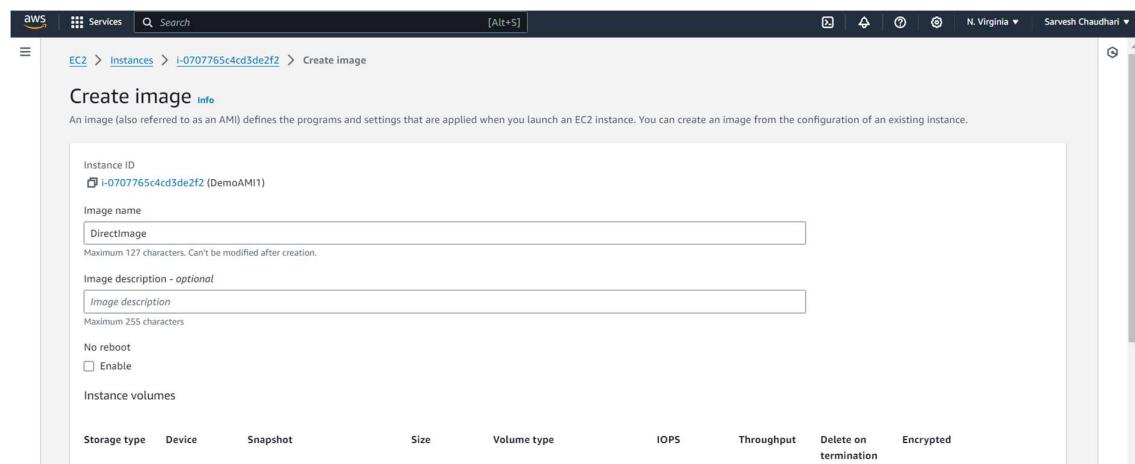
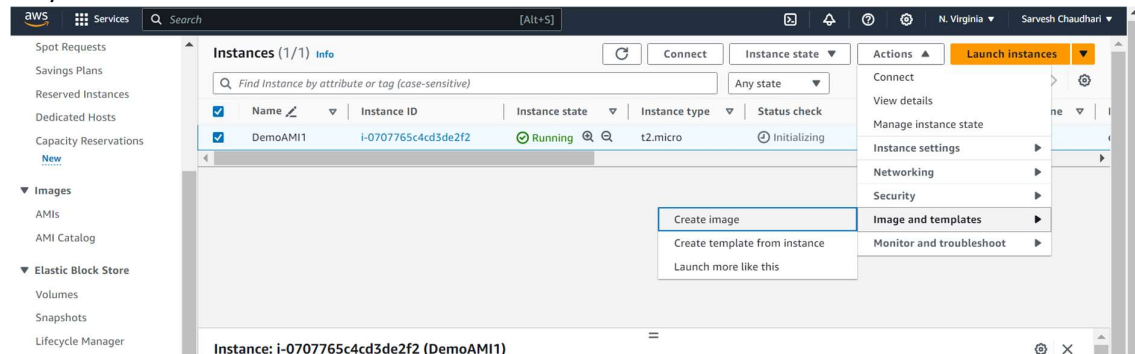
ubuntu@ip-172-31-28-227:  x  +  v
ubuntu@ip-172-31-28-227:~$ cd /var/www/html
ubuntu@ip-172-31-28-227:/var/www/html$ ls
index.html
ubuntu@ip-172-31-28-227:/var/www/html$ |

```

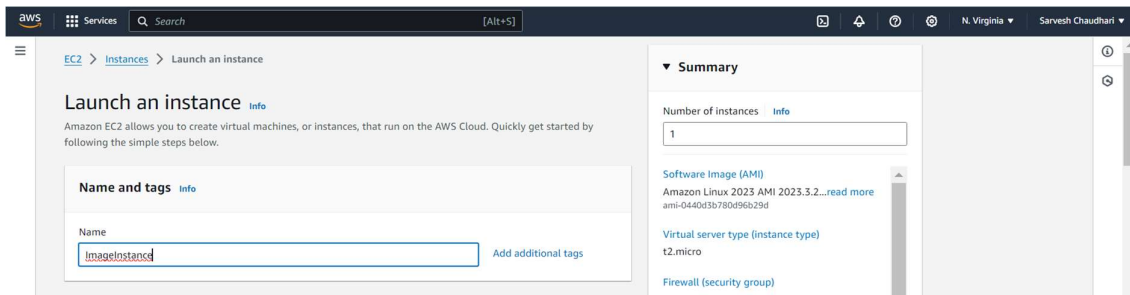
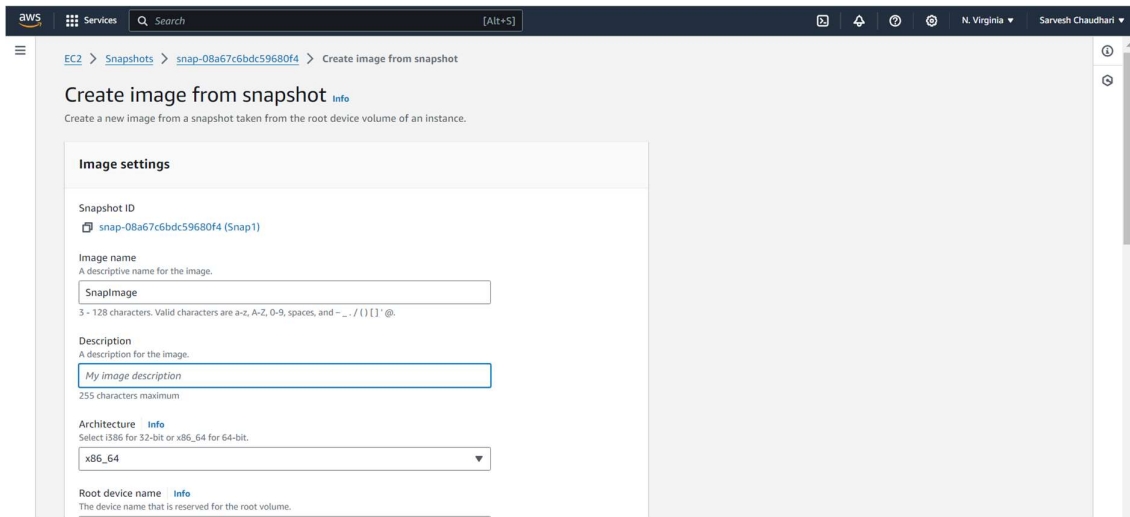
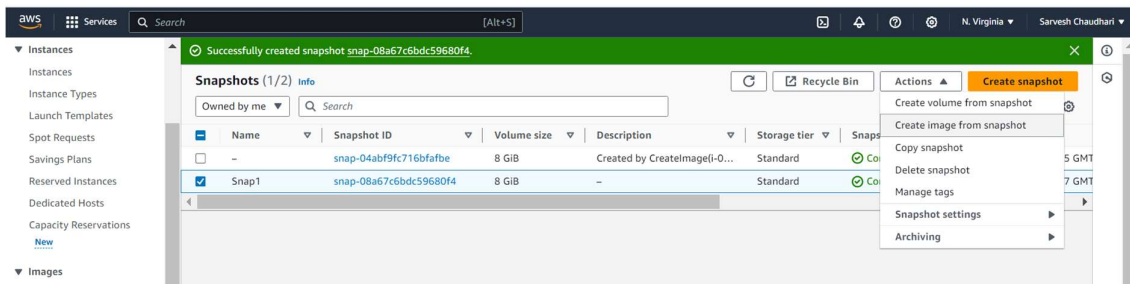
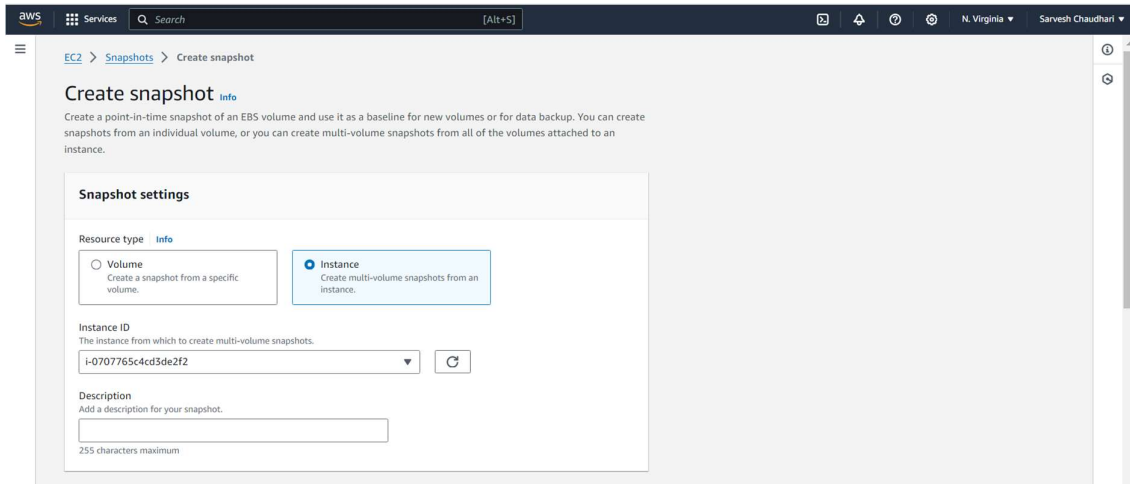
Now edit html file using sudo vi index.html command

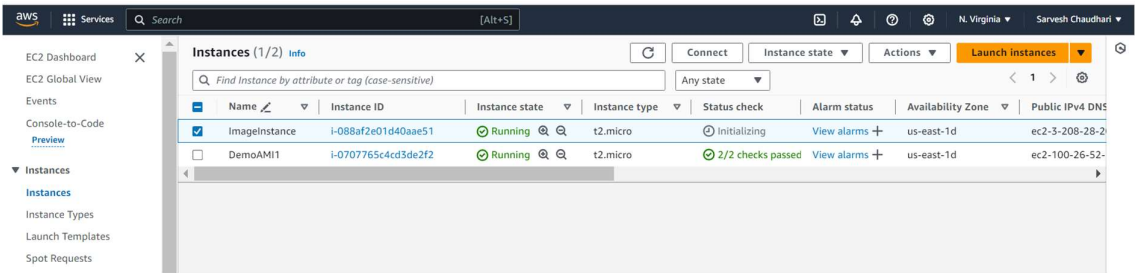
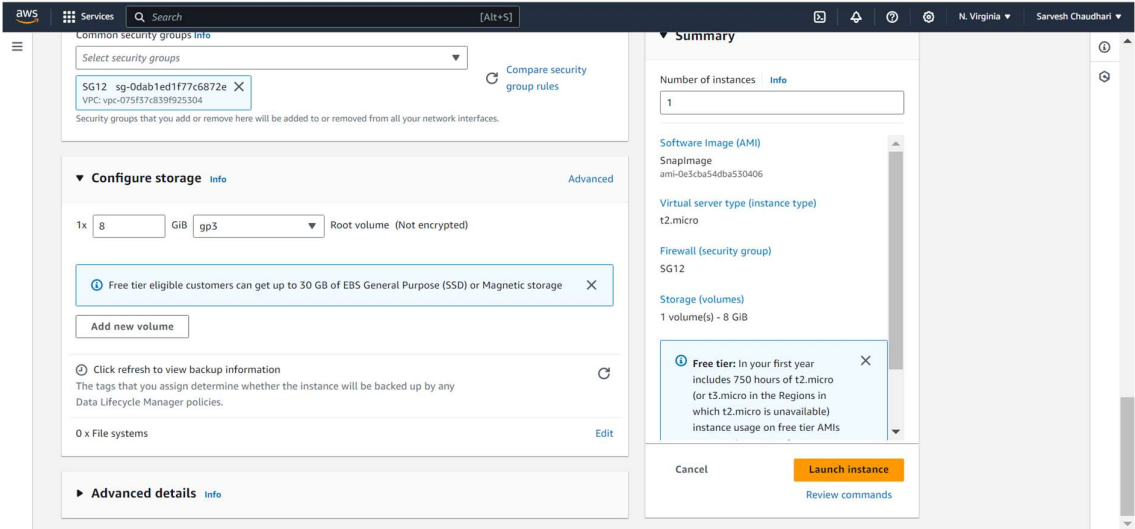
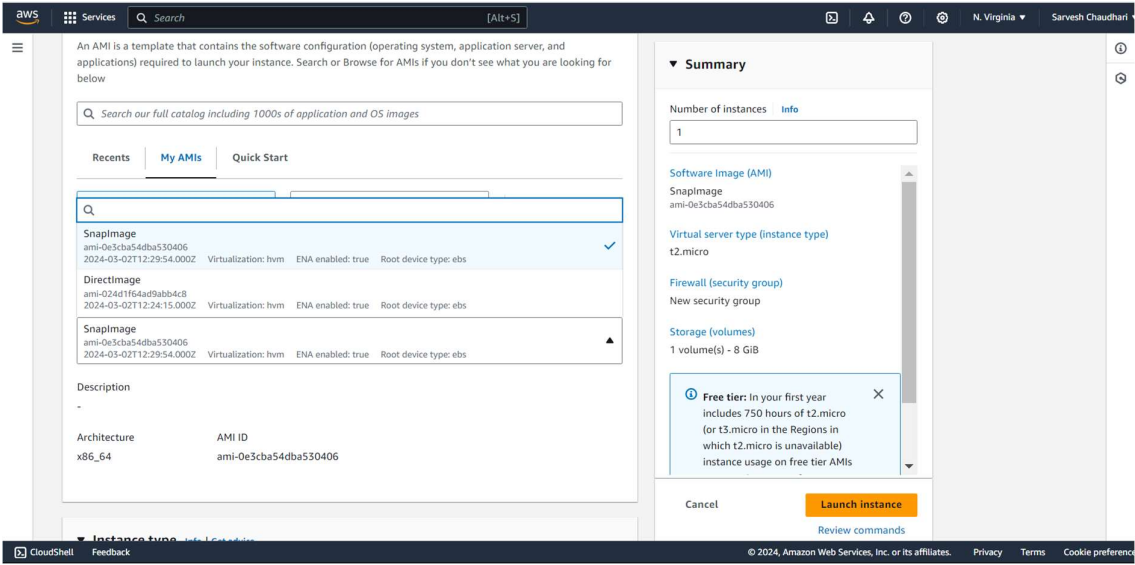
- Now create image of existing AMI

Way1:-



Way2:- Using snapshot





```
ubuntu@ip-172-31-20-101: x + v
Microsoft Windows [Version 10.0.22000.1700]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Sarvesh> downloads
'downloads' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\Sarvesh>cd downloads

C:\Users\Sarvesh\Downloads>ssh -i b12.pem ubuntu@3.208.28.206
The authenticity of host '3.208.28.206 (3.208.28.206)' can't be established.
ED25519 key fingerprint is SHA256:1+MbW7i1ExdHnEZPM1p825/0fyLCqNUP5IfM2Xmiunc.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '3.208.28.206' (ED25519) to the list of known hosts.
Welcome to Ubuntu 22.04.4 LTS (GNU/Linux 6.2.0-1018-aws x86_64)

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

System information as of Sat Mar  2 12:35:44 UTC 2024

System load: 0.34716796875   Processes:            102
Usage of /:  23.5% of 7.57GB   Users logged in:      0
Memory usage: 21%             IPv4 address for eth0: 172.31.20.101
Swap usage:  0%
```