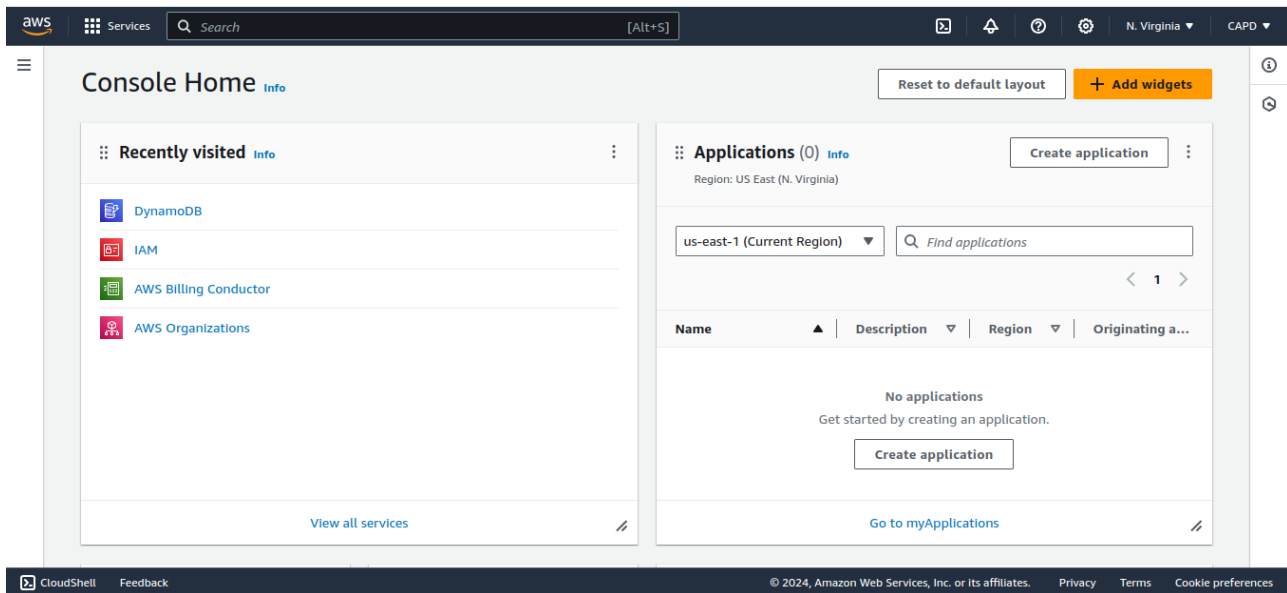
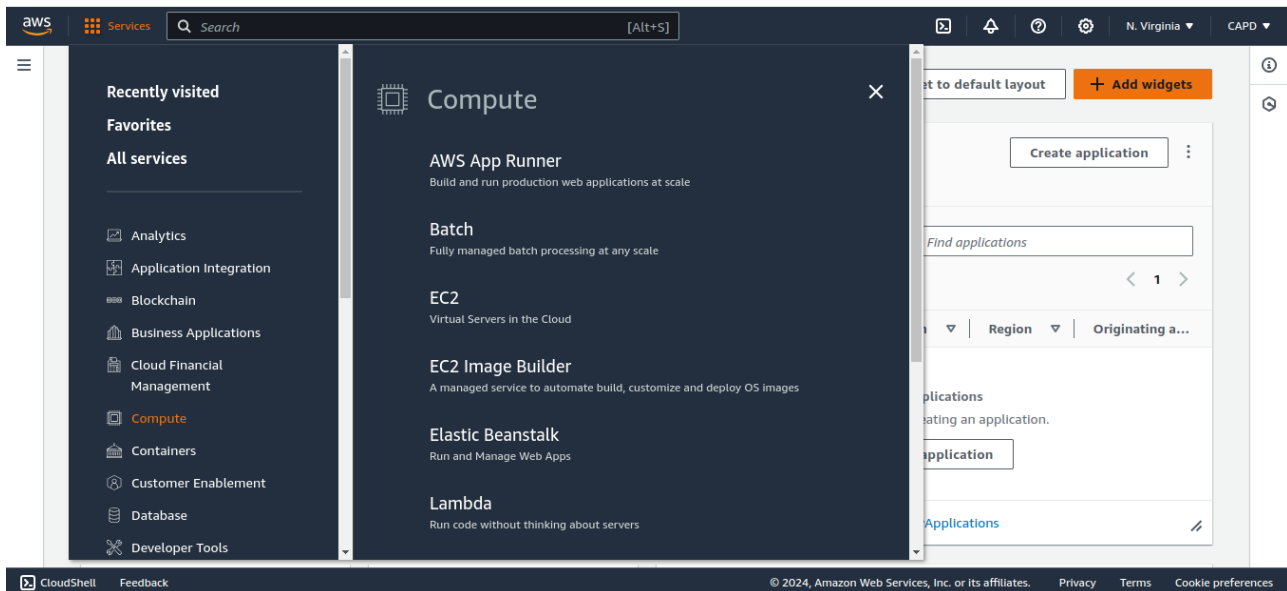


LAUNCHING AN EC2 INSTANCE

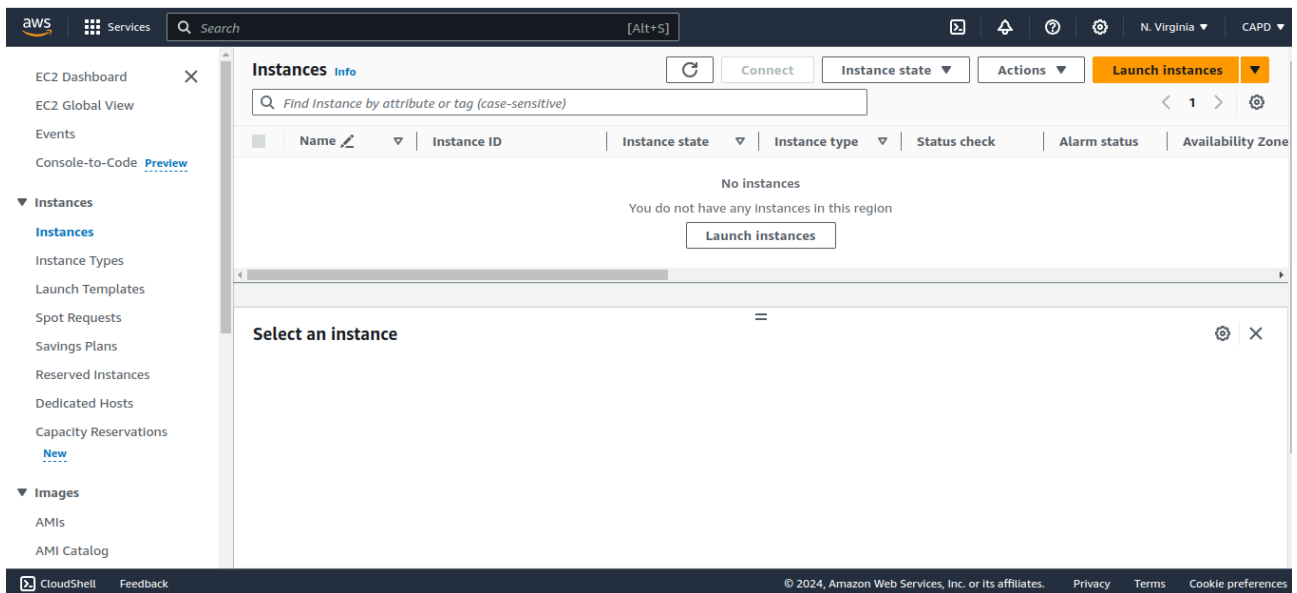
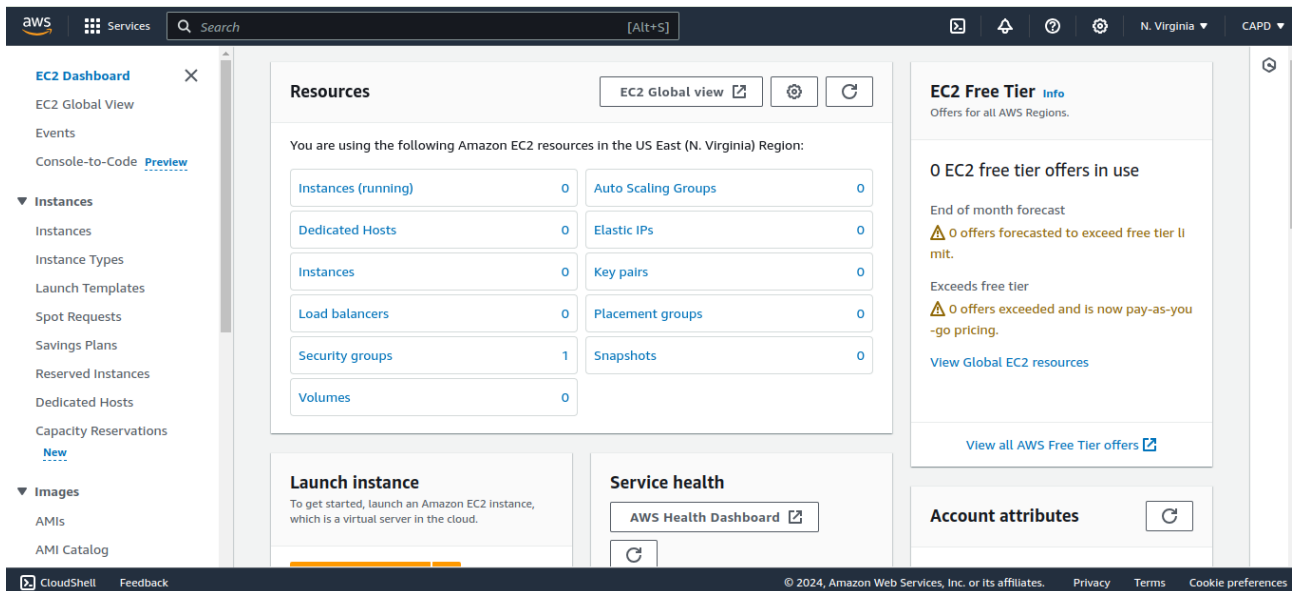
- Sign in to the AWS Management Console.
Go to AWS Console and sign in to your AWS account.



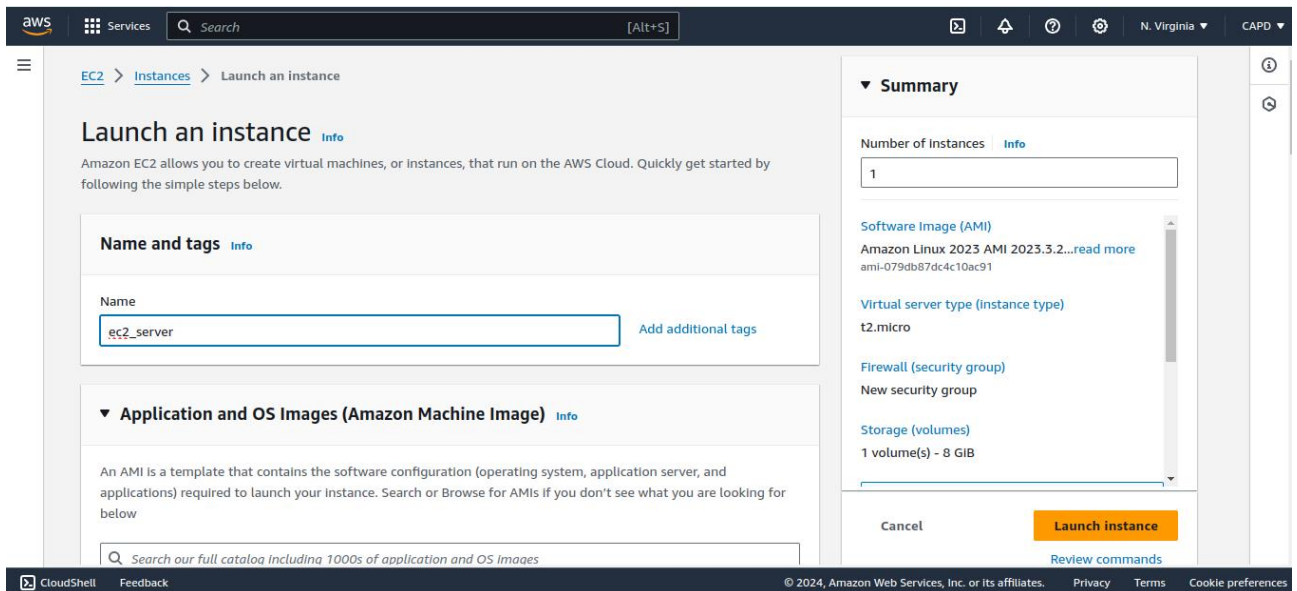
- Navigate to EC2.
In the AWS Management Console, go to the "Services" tab and select "EC2" under the "Compute" section.



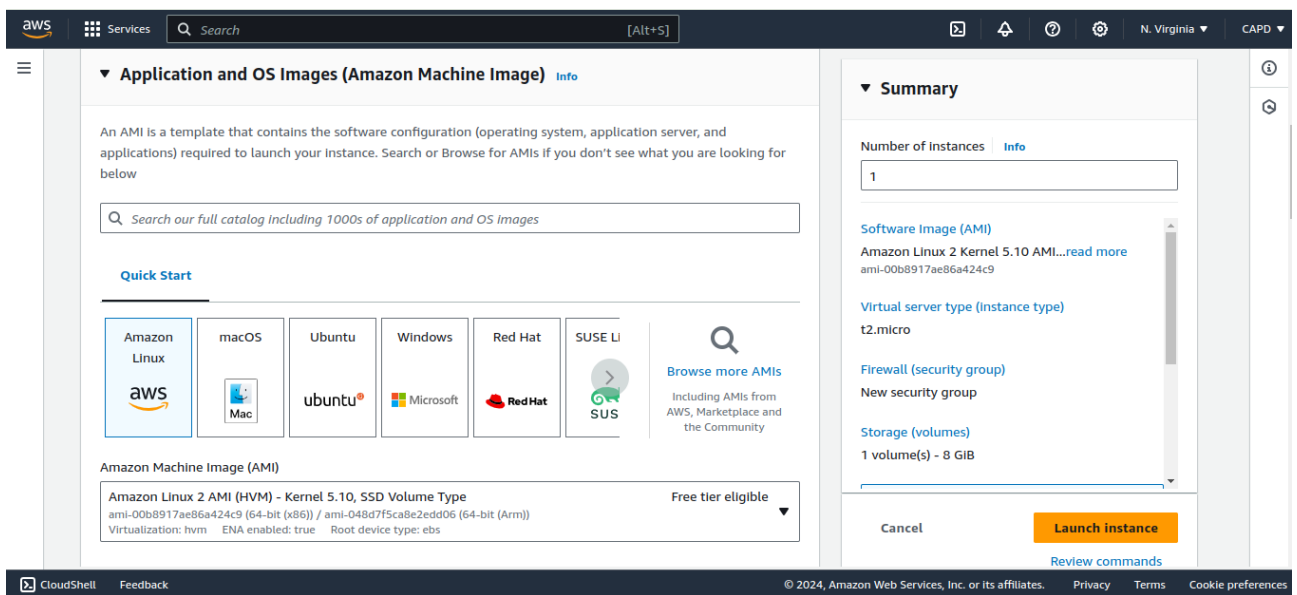
- Launch an Instance.
Click on the "Instances" in the left sidebar, then click the "Launch Instance" button.



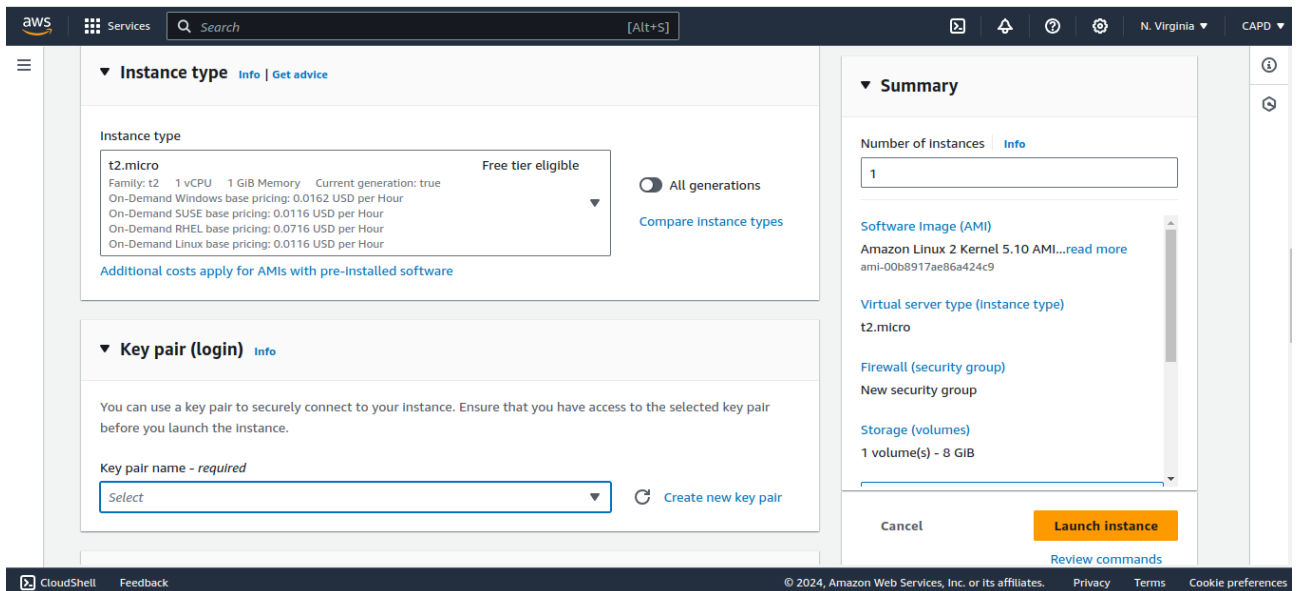
- Provide an Instance name.
Give your instance a name.



- Choose an Amazon Machine Image (AMI).
Select a Linux AMI of your choice. For example, choose "Amazon Linux 2 AMI."

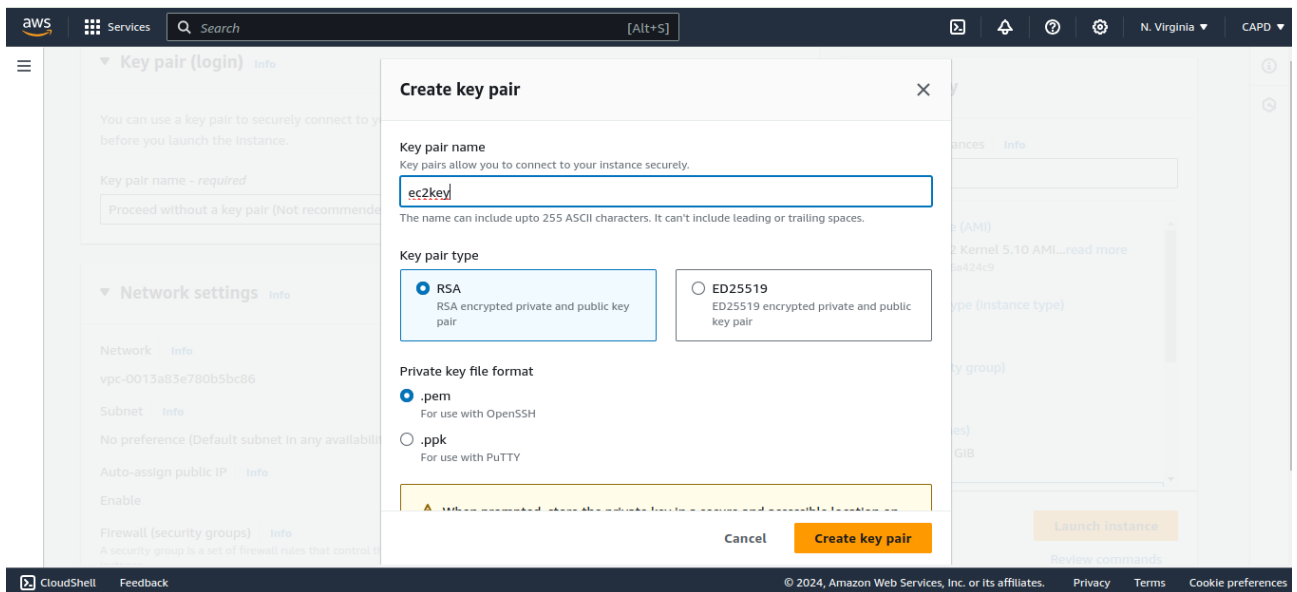


- Choose an Instance Type.
Select the desired instance type based on your requirements and click



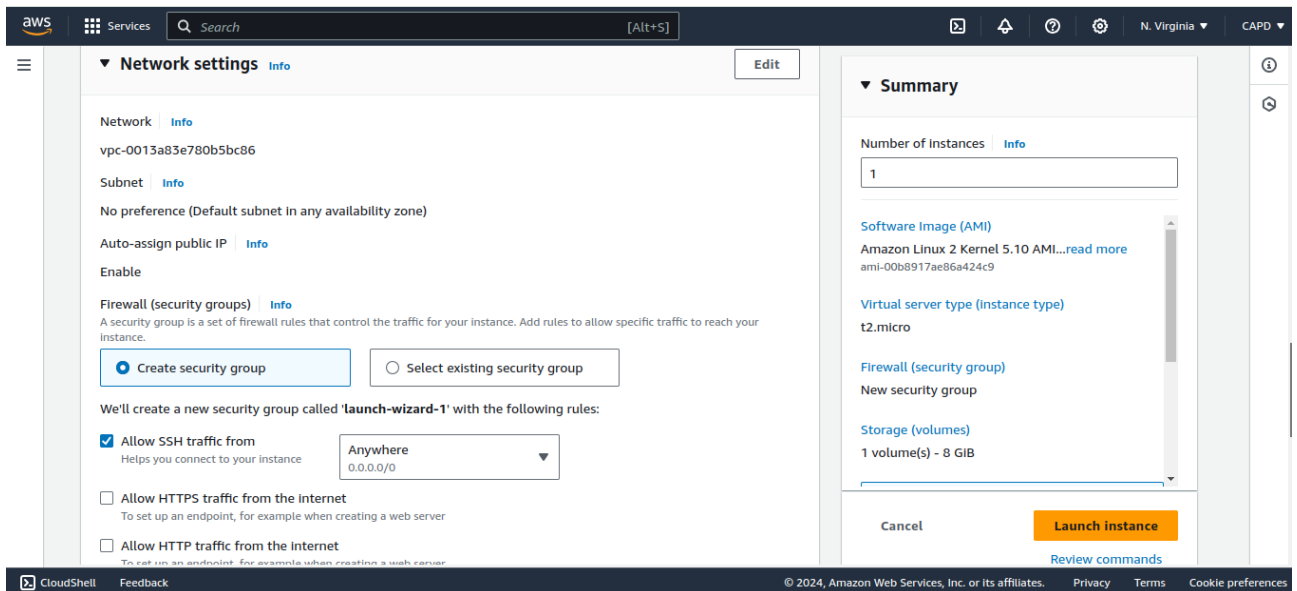
- Key Pair.

Choose an existing key pair or create a new one. Download the key pair file (*.pem) and keep it secure. Click "Launch Instances."

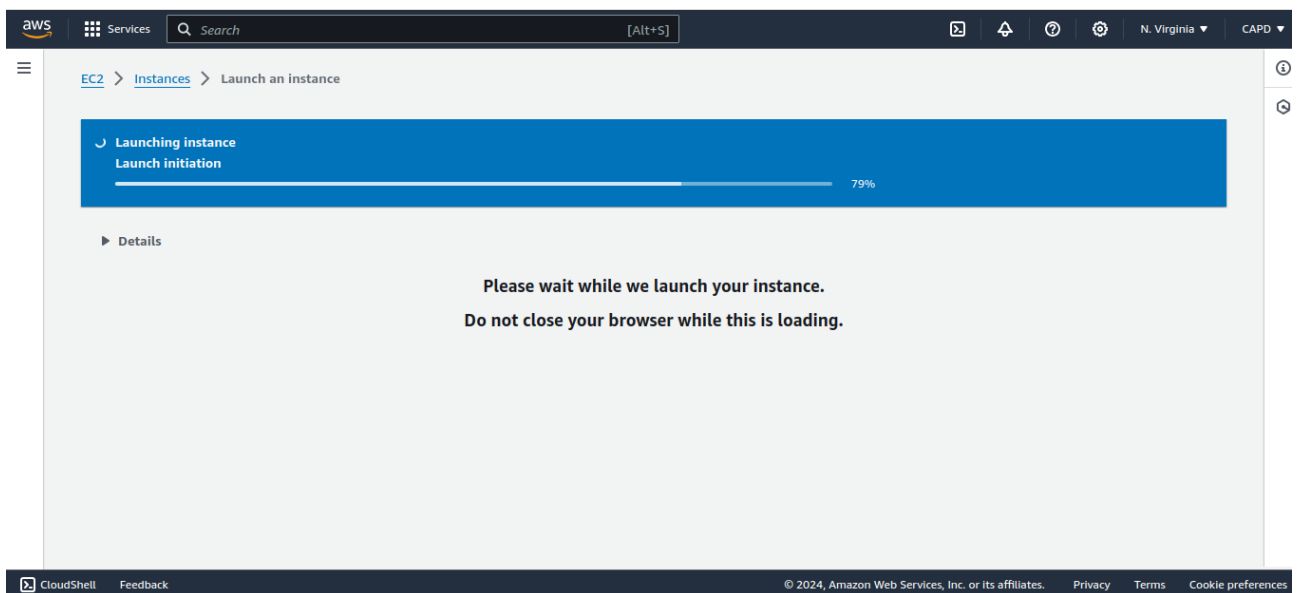


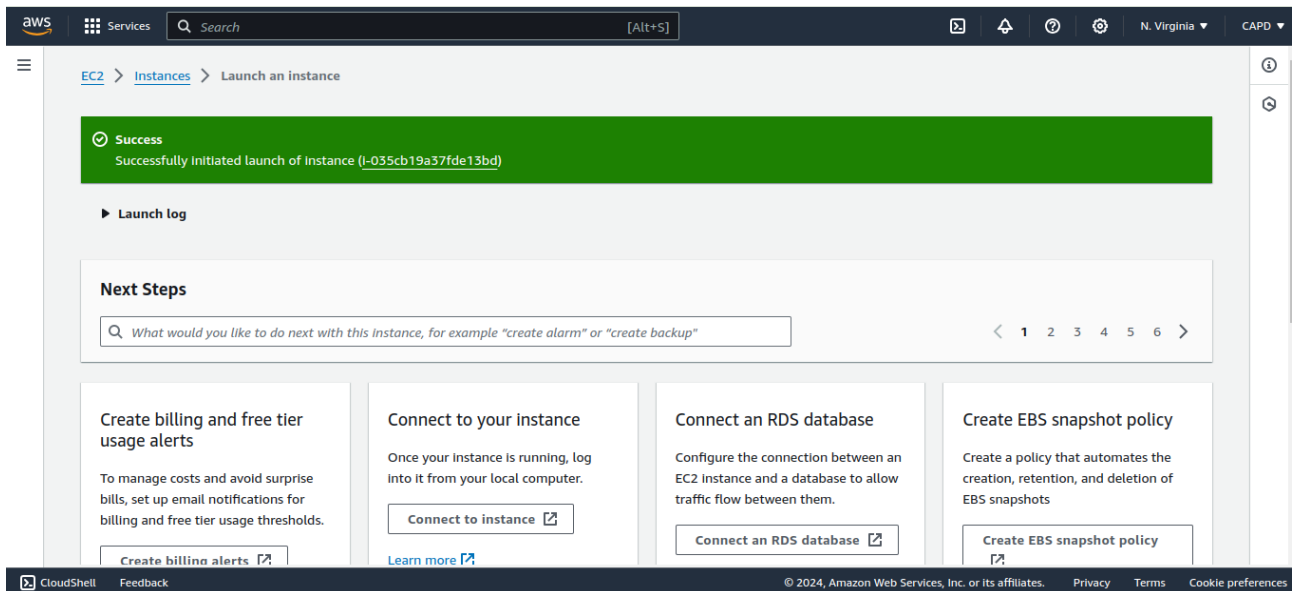
- Configure Security Group.

Create a new security group or use an existing one. Make sure it allows inbound SSH traffic (port 22). Click "Review and Launch."



- Review and Launch.
Review your settings, then click "Launch."





Connecting to the EC2 Instance using SSH

- Open a Terminal (or Command Prompt on Windows).

Navigate to the directory where your downloaded key pair file is located.

- Change Key Permissions.

Run the following command to change the permissions of your key pair file.

```
chmod 400 "your-key-pair.pem"
```

- SSH into the Instance.

Run the following command to connect to your EC2 instance.

```
ssh -i "your-key-pair.pem" ec2-user@your-instance-ip
```

*Replace "your-key-pair.pem" with the actual key pair filename and "your-instance-ip" with the public IP address or DNS name of your EC2 instance.


```
opsis@core:~/Downloads$ ssh -i "ec2key.pem" ec2-user@54.81.222.18
#_
#_##### Amazon Linux 2
#_#####
#_##### AL2 End of Life is 2025-06-30.
#_#####
#_##### A newer version of Amazon Linux is available!
#_#####
#_##### Amazon Linux 2023, GA and supported until 2028-03-15.
#_##### https://aws.amazon.com/linux/amazon-linux-2023/

[ec2-user@ip-172-31-34-113 ~]$ nano ec2script.sh
[ec2-user@ip-172-31-34-113 ~]$
[ec2-user@ip-172-31-34-113 ~]$ chmod +x ec2script.sh
[ec2-user@ip-172-31-34-113 ~]$
[ec2-user@ip-172-31-34-113 ~]$ ./ec2script.sh
```

Output.

```
opsis@core:~/Downloads$ ssh -i "ec2key.pem" ec2-user@54.81.222.18
#_
#_##### Amazon Linux 2
#_#####
#_##### AL2 End of Life is 2025-06-30.
#_#####
#_##### A newer version of Amazon Linux is available!
#_#####
#_##### Amazon Linux 2023, GA and supported until 2028-03-15.
#_##### https://aws.amazon.com/linux/amazon-linux-2023/

[ec2-user@ip-172-31-34-113 ~]$ nano ec2script.sh
[ec2-user@ip-172-31-34-113 ~]$
[ec2-user@ip-172-31-34-113 ~]$ chmod +x ec2script.sh
[ec2-user@ip-172-31-34-113 ~]$
[ec2-user@ip-172-31-34-113 ~]$ ./ec2script.sh
Hello! What is your name?
Abena
Nice to meet you, Abena!
[ec2-user@ip-172-31-34-113 ~]$
```