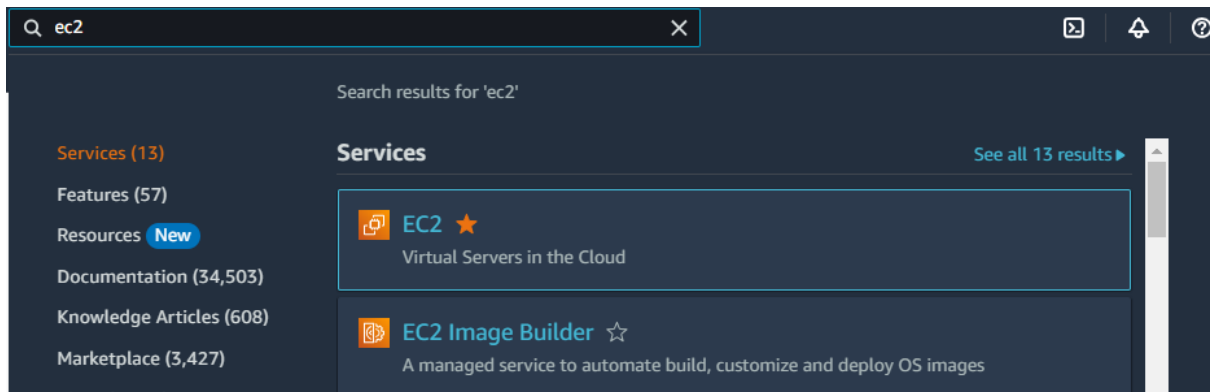


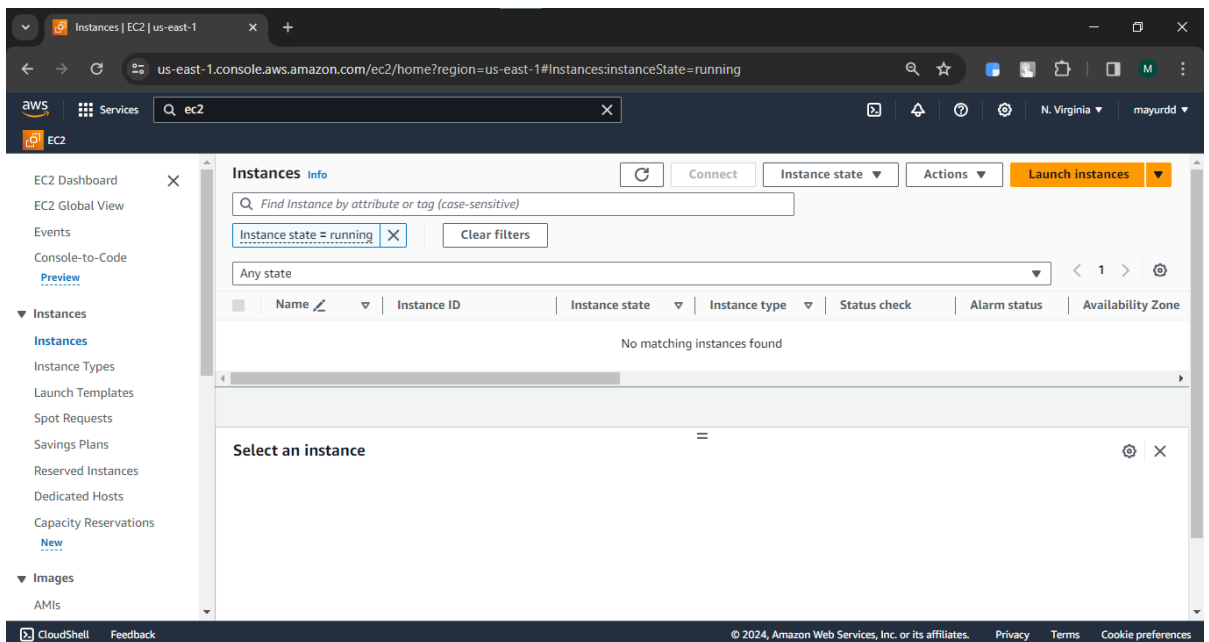
EC2 Service

Launching ec2 instance:

1. Search Ec2 service in AWS search bar



2. Click on launch instance



3. Specify the name for instance

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

[Add additional tags](#)

4. Select linux distribution as per your choice or requirement

▼ 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

[Quick Start](#)

Amazon Linux
aws

macOS
Mac

Ubuntu
ubuntu

Windows
Microsoft

Red Hat
Red Hat

SUSE Li
SUS

[Browse more AMIs](#)
Including AMIs from AWS, Marketplace and the Community

5. Click on create new key value pair

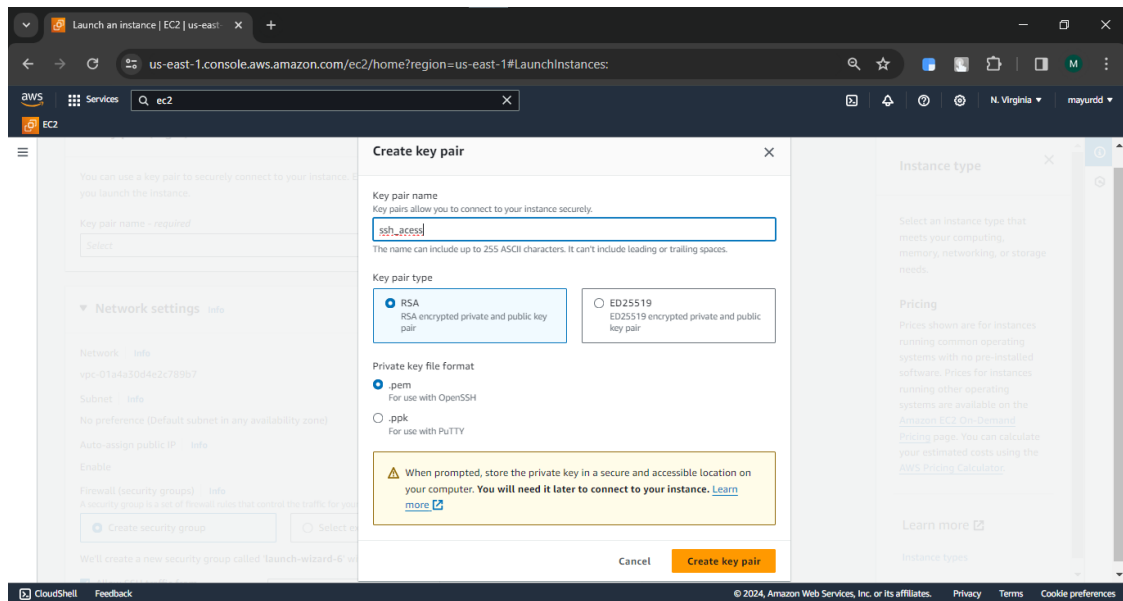
▼ Key pair (login) [Info](#)

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*

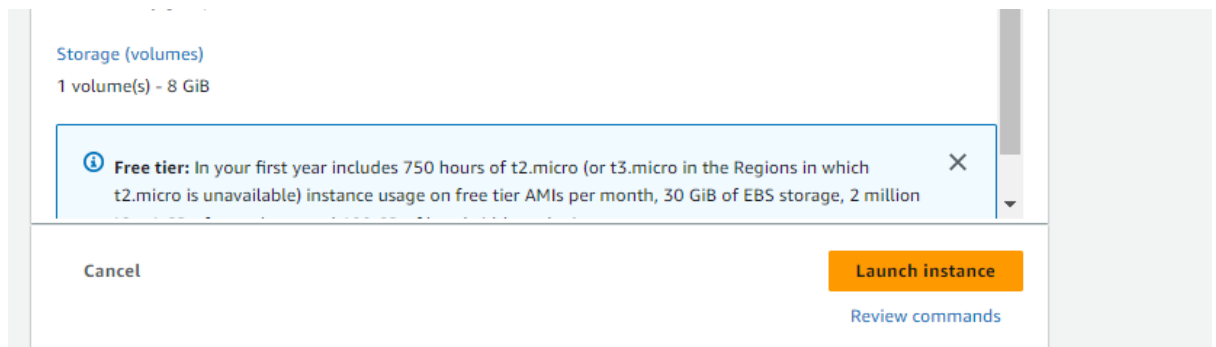
[Create new key pair](#)

6. Give name as per your choice and click on **create key pair**

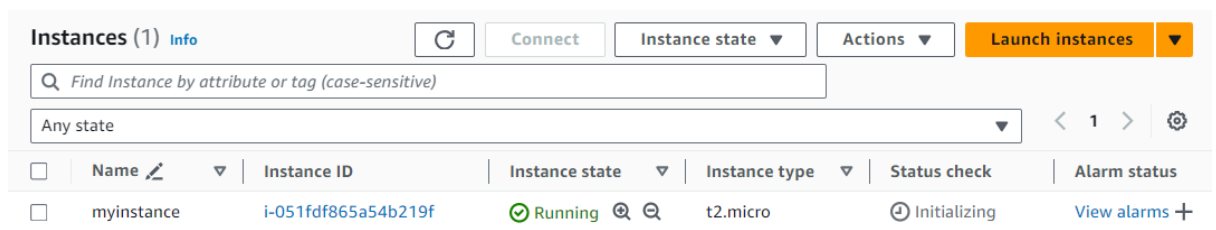


7. Ssh_private_key is downloaded.....

8. Scroll down and click on Launch instance



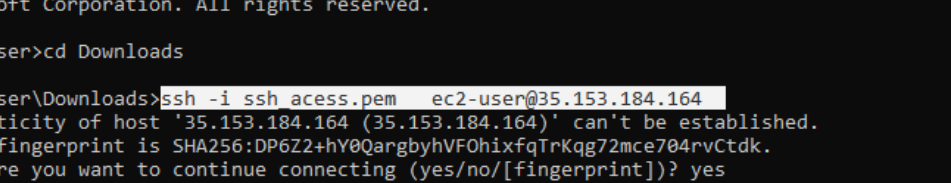
9. Instance created successfully



Hosting a Sample website:-

1. Connect instance via ssh private key using windows cmd
(ssh -i <key_name> ec2-user@<public_ip>)

```
C:\> Select ec2-user@ip-172-31-43-118:~  
Microsoft Windows [Version 10.0.19045.4046]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\User>cd Downloads  
  
C:\Users\User\Downloads>ssh -i ssh_access.pem ec2-user@35.153.184.164  
The authenticity of host '35.153.184.164 (35.153.184.164)' can't be established.  
ECDSA key fingerprint is SHA256:DP6Z2+hY0QargbyhVFOhixfqTrKqg72mce704rvCtdk.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '35.153.184.164' (ECDSA) to the list of known hosts.
```



```
#_
~ \ #####      Amazon Linux 2023
n n \#####\
n n \###|
n n \#/       https://aws.amazon.com/linux/amazon-linux-2023
n n V ~ '->
   n n
     n n .
         / _ _ \
        / m/'
```

```
[ec2-user@ip-172-31-43-118 ~]$ whoami
ec2-user
[ec2-user@ip-172-31-43-118 ~]$
```

2. Switch to root user
(**sudo su** or **sudo -i**)
3. Download the **httpd** service
(**yum install httpd -y**)
4. Start the httpd service
(**systemctl start httpd**)
5. Enable the httpd service
(**systemctl enable httpd**)
6. Download the free css template
(**wget <https://www.free-css.com/assets/files/free-css-templates/download/paper296/brownny.zip>**)
7. Unzip the zip file
(**unzip <filename>**)

8. Copy the content of directory into /var/www/html folder
(`cp -rvf /dir_name/* /var/www/html/`)
9. Access the website using public ip

