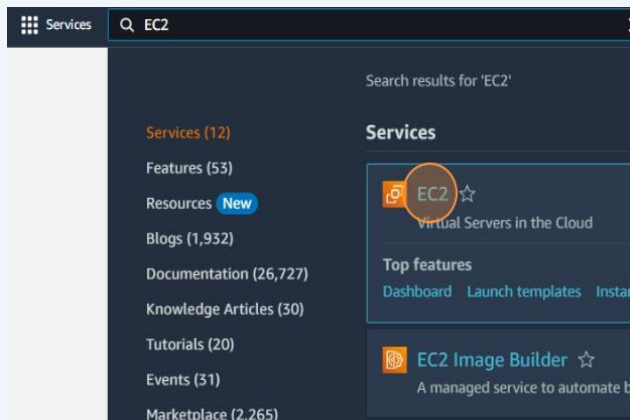
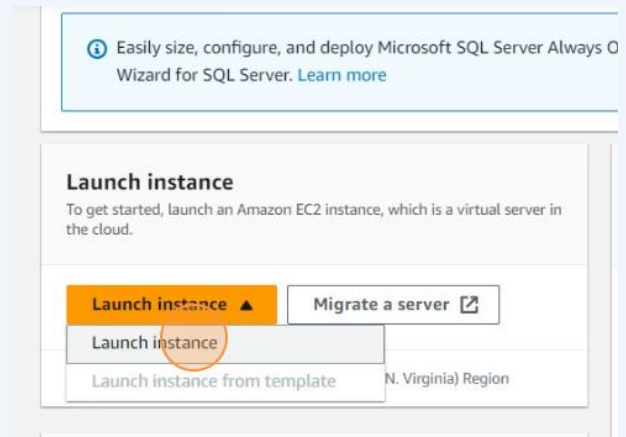


UPLOAD A STATIC WEBSITE ON EC2 SERVER

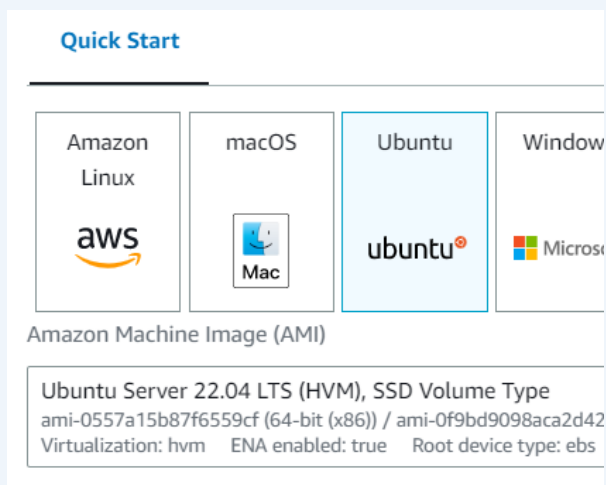
1. Visit aws.amazon.com and Sign in. Click on the search field and type "EC2" in the search field and select EC2



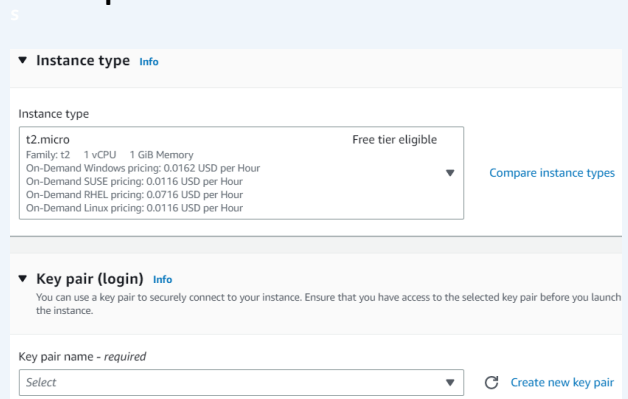
2. Select "Launch instance" option



3. Select Ubuntu



4. Select instance type as "t2.micro" and then "Click on create new key pair"



5. Type the key pair name, Select “RSA” as key type and “.pem” as key file format. Then click on “Create key pair” and download the .pem file

Create key pair

Key pairs allow you to connect to your instance securely.

Enter the name of the key pair below. When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. [Learn more](#)

Key pair name

Enter key pair name

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ RSA
RSA encrypted private and public key pair

☐ ED25519
ED25519 encrypted private and public key pair (Not supported for Windows instances)

Private key file format

☒ .pem
For use with OpenSSH

☐ .ppk
For use with PuTTY

Cancel Create key pair

6. Allow all the following three traffics and click on “Launch instance”

Firewall (security groups) Info

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☒ Create security group ☐ Select existing security group

We'll create a new security group called 'launch-wizard-6' with the following rules:

☒ Allow SSH traffic from
Helps you connect to your instance

Anywhere
0.0.0.0/0

☒ Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server

☒ Allow HTTP traffic from the internet
To set up an endpoint, for example when creating a web server

7. On the instances page click on the instance id and then copy the public IPv4 address

Instances (2) Info

Find instance by attribute or tag (case-sensitive)

	Name	Instance ID	Insta
<input type="checkbox"/>	—	i-08ccae6a2fd78e2d0	Te
<input type="checkbox"/>	—	i-0fa5c8ea04e93088c	Running

Instance summary for i-0fa5c8ea04e93088c Info

Updated less than a minute ago

Instance ID	Public IPv4 address
i-0fa5c8ea04e93088c	34.201.25.194 open address
IPv6 address	Instance state
—	Running

8. Open Bitwise SSH client, paste the copied public IPv4 address in the host box. Select username as Ubuntu, initial method as none and elevation as default. Then click on client key manager

Bitwise SSH Client 9.27

Default profile

Load profile

Save profile as

New profile

Reset profile

Login Options Terminal RDP SFTP Services C2S S2C SSH Notes About

Server

Host

Port

Enable obfuscation

Obfuscation keyword

Authentication

Username ubuntu

Initial method none

Elevation Default

Kerberos

SPN

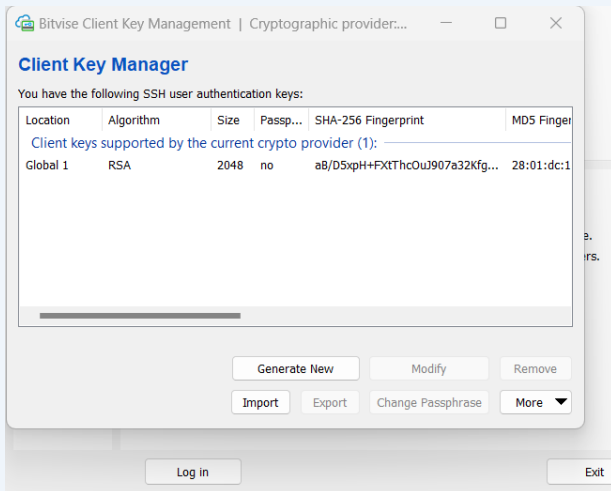
☐ GSS/Kerberos key exchange

☐ Request delegation

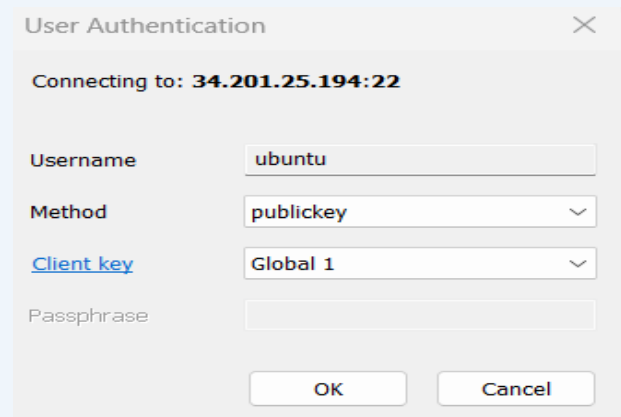
☒ gssapi-keyex authentication

Proxy settings Host key manager Client key manager Help

9. Import the download .pem file and then click on login on the SSH client.



10. Select accept and continue and then type the username as Ubuntu, method as public key and client key as Global 1. Then click on "OK".

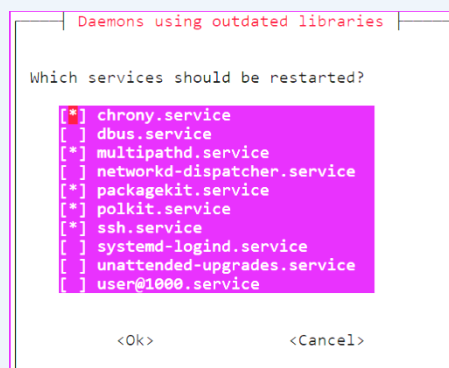


11. Open the terminal console in the SSH client and type and run the following commands individually. If asked for confirmation click on yes and ok depending on the options available.

```
ubuntu@ip-172-31-6-2:~$ sudo apt-get update
```

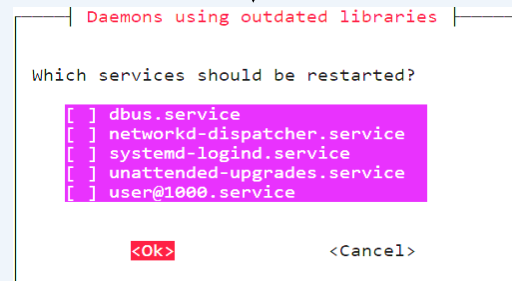
```
ubuntu@ip-172-31-6-2:~$ sudo apt-get upgrade
```

```
Do you want to continue? [Y/n] y
```



```
ubuntu@ip-172-31-6-2:~$ sudo apt-get install nginx
```

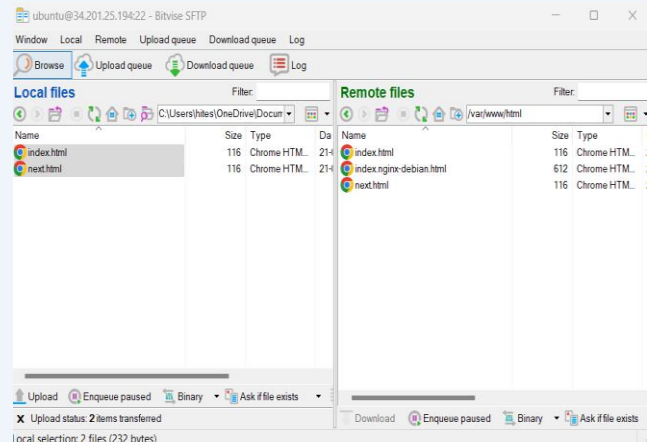
```
Do you want to continue? [Y/n] y
```



- 12.** Type the following commands in the terminal to change the working directory to the root and then move to var/www/ to give the permission add files to that folder.

```
ubuntu@ip-172-31-6-2:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-6-2:~$ cd /
ubuntu@ip-172-31-6-2:/$ cd var/www/
ubuntu@ip-172-31-6-2:/var/www$ sudo chmod 777 html
```

- 13.** Open new SFTP window and move to the var/www/html directory in the server machine. Now drag and drop the required html files from the local machine to the server machine.



- 14.** Open the site using the public IPv4 address and it will be accessible

