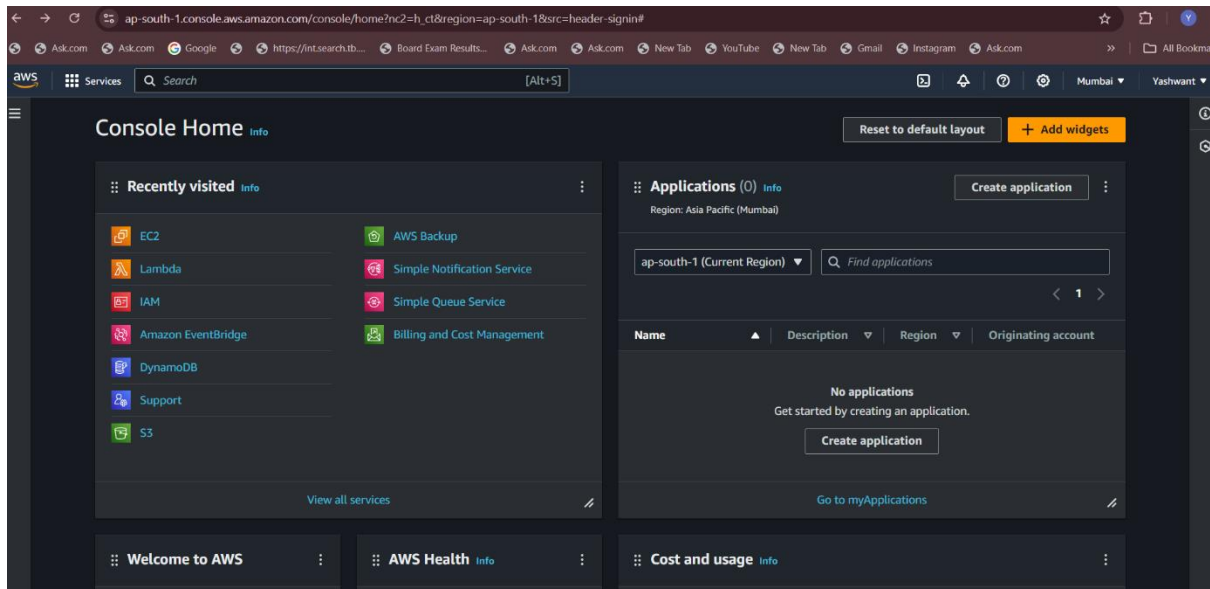
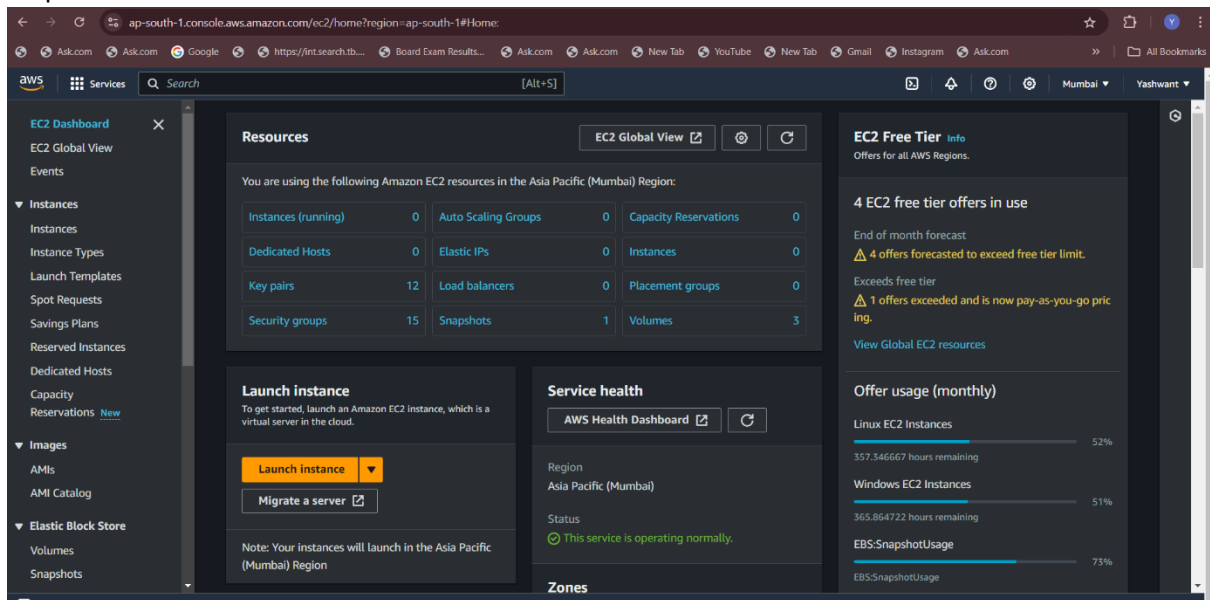


Step- 1. Open AWS Free tier.

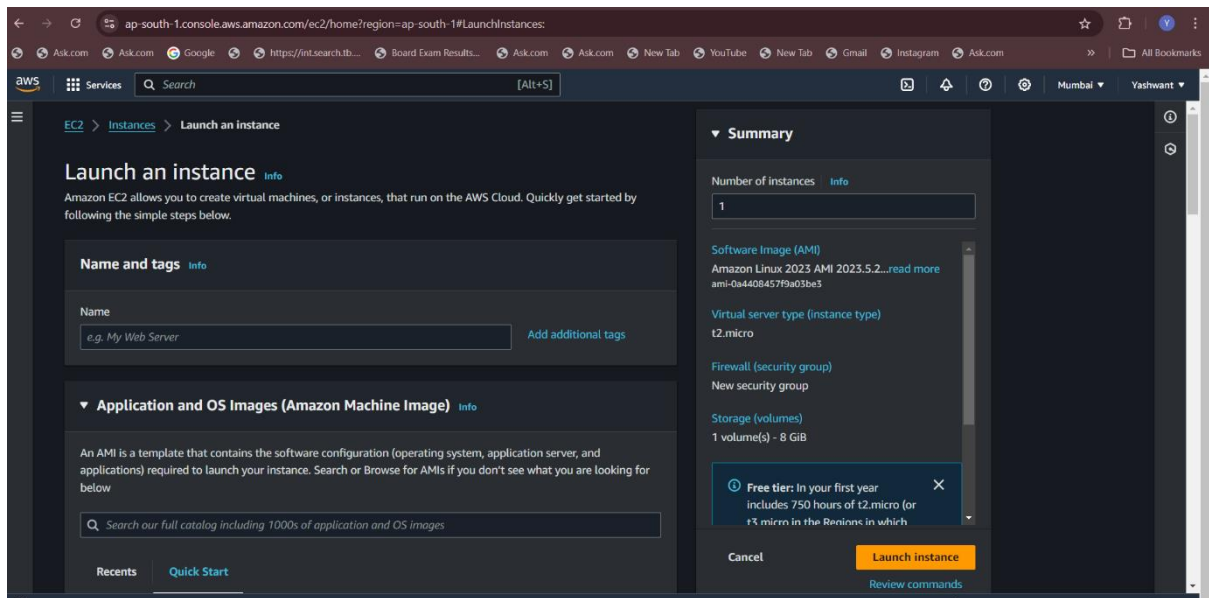
Step- 2. Go to Console.



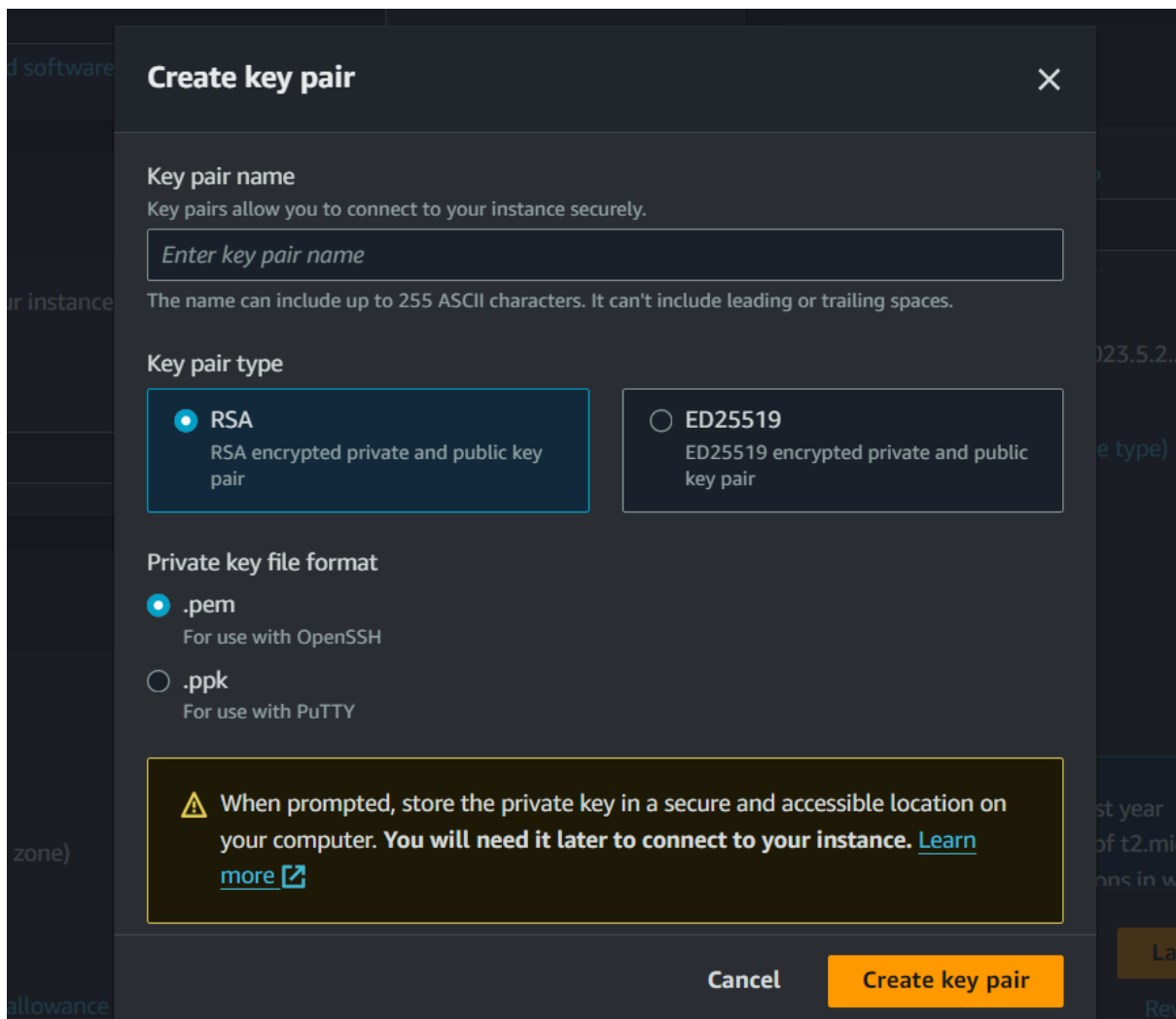
Step- 3. Go to EC2 to launch the server.



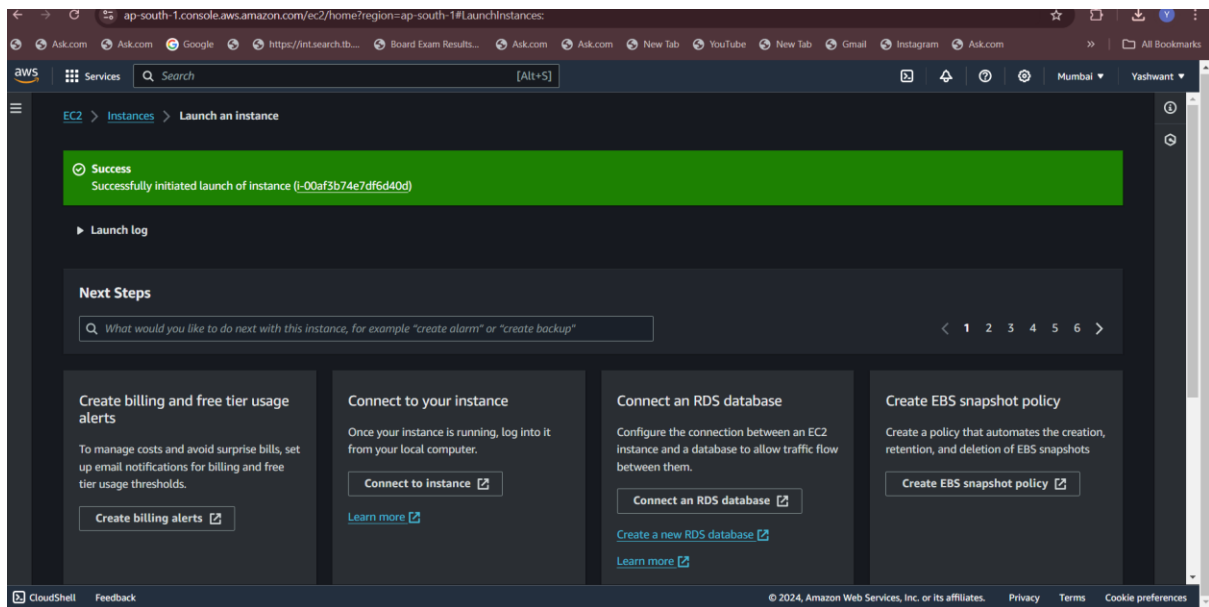
Step- 4. Create server.



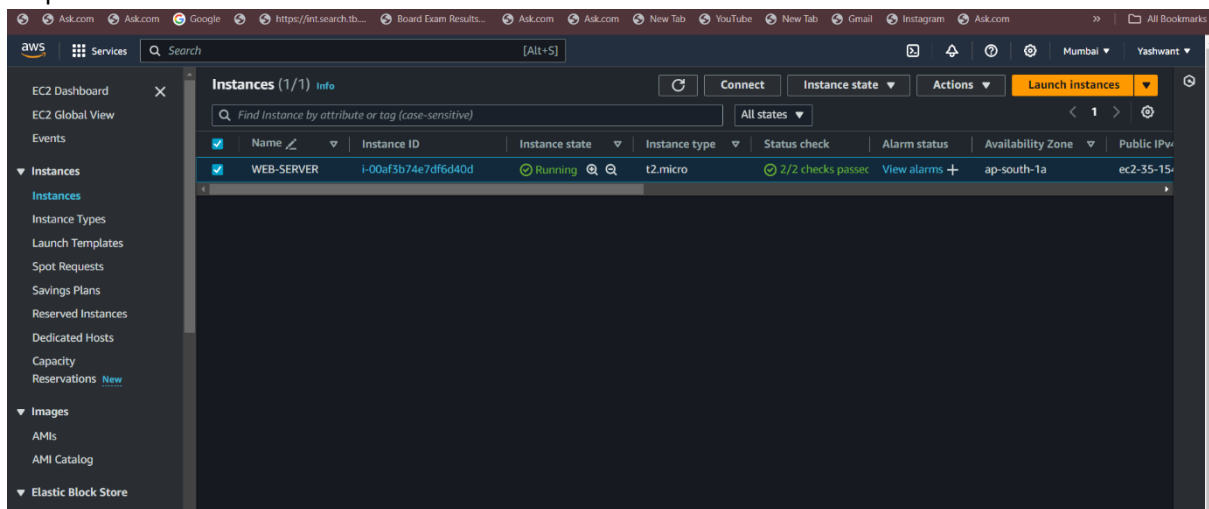
Step- 5. Create key pair.



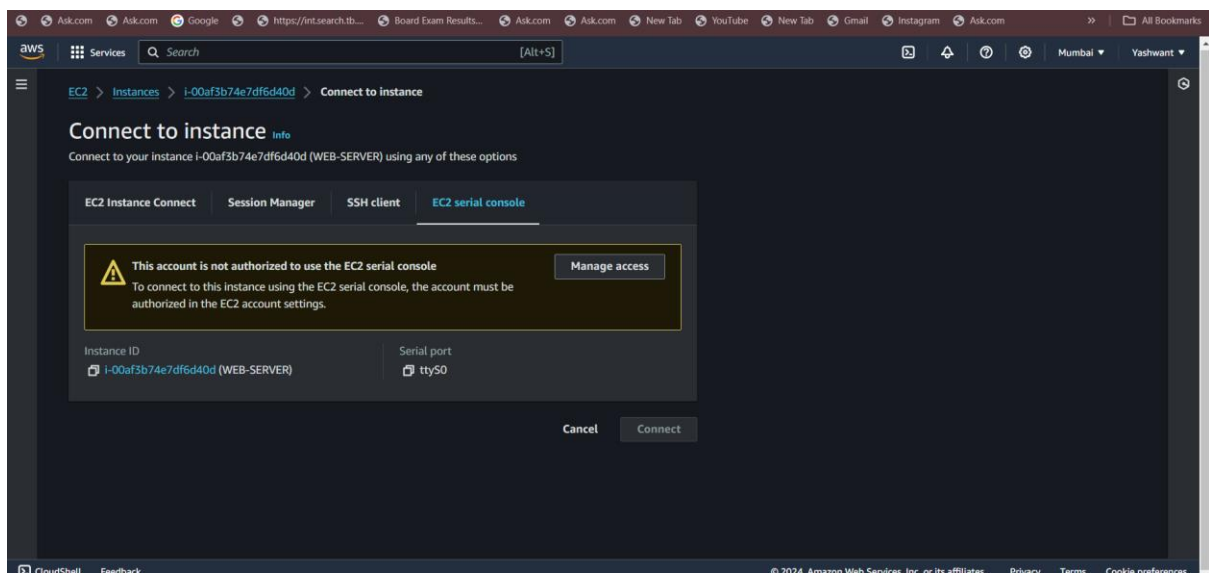
Step- 6. Launch server.



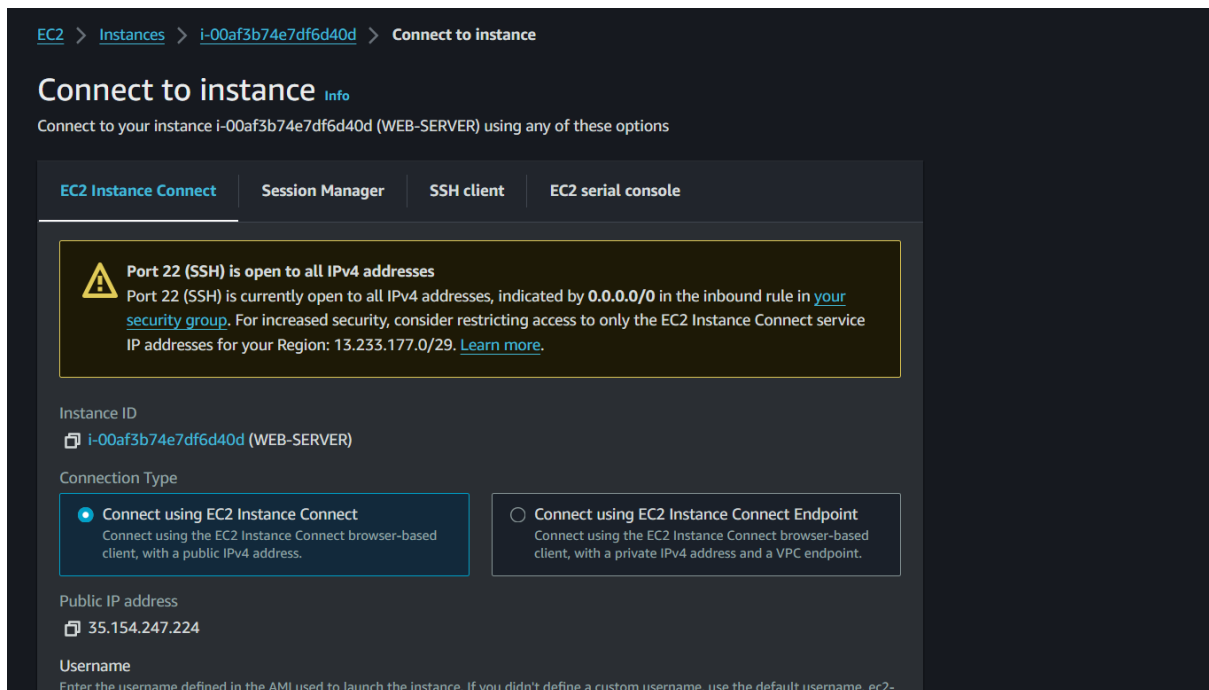
Step- 7. Check Instance and select the instance.



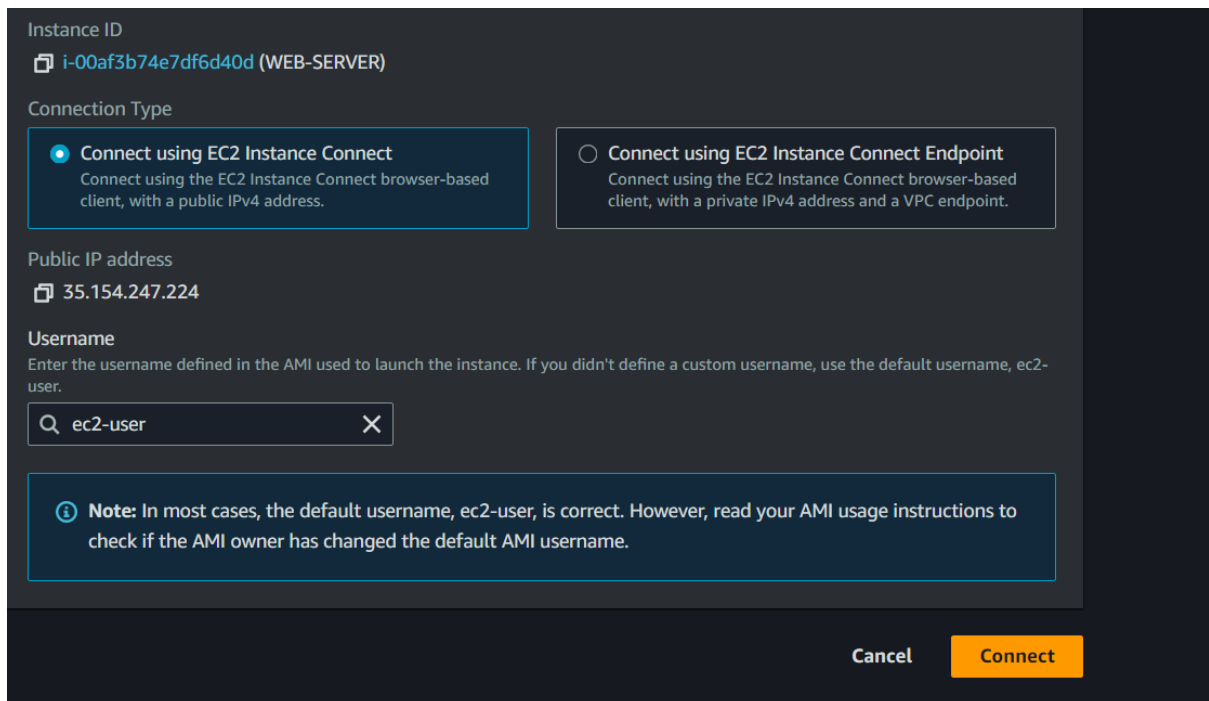
Step-8. Click on connect.



Step-9. Go to EC2 instance connect.



Step-10. Click connect.



Step- 11. Then, you will be directed on Amazon Linux console.



Step-12. There are some commands that are used in these console which are as follows-

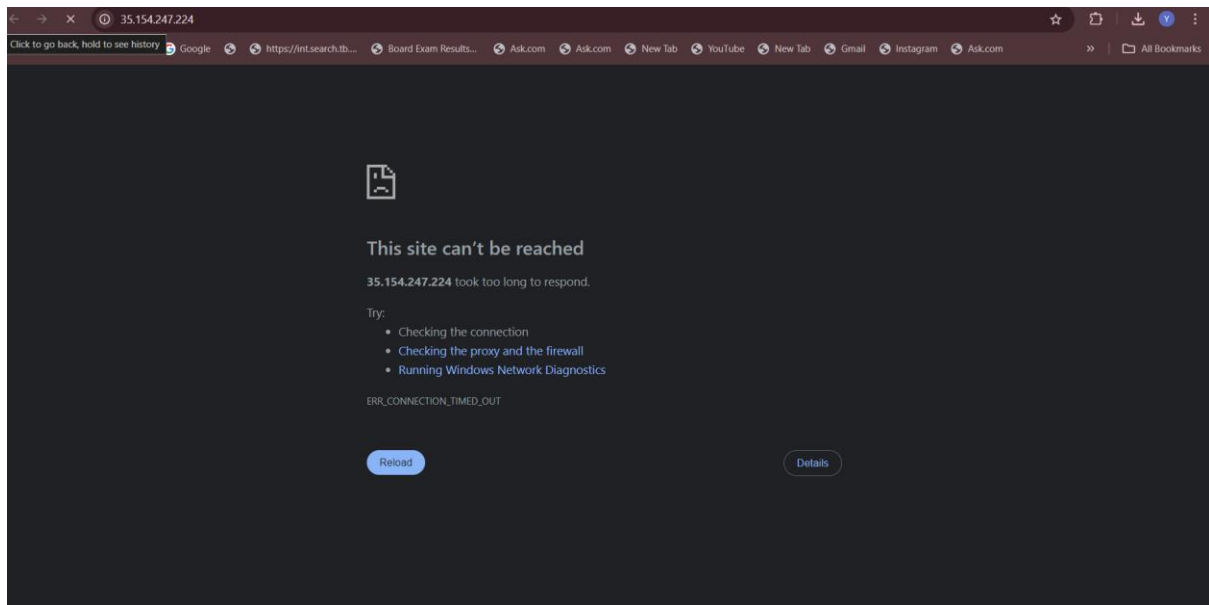
```
sudo su -  
  
yum update -y  
  
yum install -y httpd  
  
systemctl status httpd  
  
mkdir semp  
  
cd semp  
  
wget https://www.free-css.com/assets/files/free-css-templates/download/page269/complex.zip  
  
unzip complex.zip  
  
cd complex  
  
ls -lrt  
  
mv * /var/www/html  
  
systemctl enable httpd  
  
systemctl start httpd
```

```
Complete!  
[root@ip-172-31-46-47 ~]# systemctl status httpd  
○ httpd.service - The Apache HTTP Server  
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; preset: disabled)  
   Active: inactive (dead)  
     Docs: man:httpd.service(8)  
[root@ip-172-31-46-47 ~]#
```

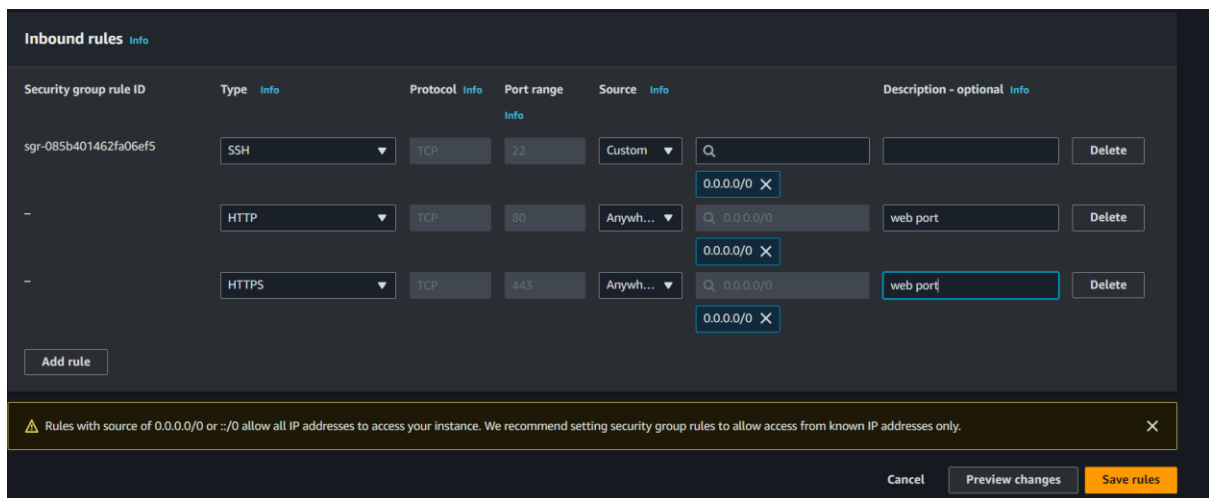
```
[root@ip-172-31-46-47 temp]# wget https://www.free-css.com/assets/files  
--2024-08-16 03:43:56-- https://www.free-css.com/assets/files  
Resolving www.free-css.com (www.free-css.com)... 217.160.0.242, 2001:8d8:100f:f000::28f  
Connecting to www.free-css.com (www.free-css.com)|217.160.0.242|:443... connected.  
HTTP request sent, awaiting response... 301 Moved Permanently  
Location: https://www.free-css.com/assets/files/ [following]  
--2024-08-16 03:43:57-- https://www.free-css.com/assets/files/  
Reusing existing connection to www.free-css.com:443.  
HTTP request sent, awaiting response... 200 OK
```

```
[root@ip-172-31-46-47 ~]# mkdir semp  
[root@ip-172-31-46-47 ~]# cd semp/  
[root@ip-172-31-46-47 semp]# wget https://www.free-css.com/assets/files/free-css-templates/download/page269/complex.zip  
--2024-08-16 03:59:25-- https://www.free-css.com/assets/files/free-css-templates/download/page269/complex.zip  
Resolving www.free-css.com (www.free-css.com)... 217.160.0.242, 2001:8d8:100f:f000::28f  
Connecting to www.free-css.com (www.free-css.com)|217.160.0.242|:443... connected.  
HTTP request sent, awaiting response... 200 OK  
Length: 976652 (954K) [application/zip]  
Saving to: 'complex.zip'  
  
complex.zip      100%[=====>] 953.76K  1.06MB/s   in 0.9s  
2024-08-16 03:59:27 (1.06 MB/s) - 'complex.zip' saved [976652/976652]  
  
[root@ip-172-31-46-47 semp]# ls -lrt  
total 956  
-rw-r--r--. 1 root root 976652 Oct 13  2020 complex.zip  
[root@ip-172-31-46-47 semp]#
```

Step-13. After that we open instance and copy public id and paste on new tab then it's not showing the website because we do not give permission to make public.

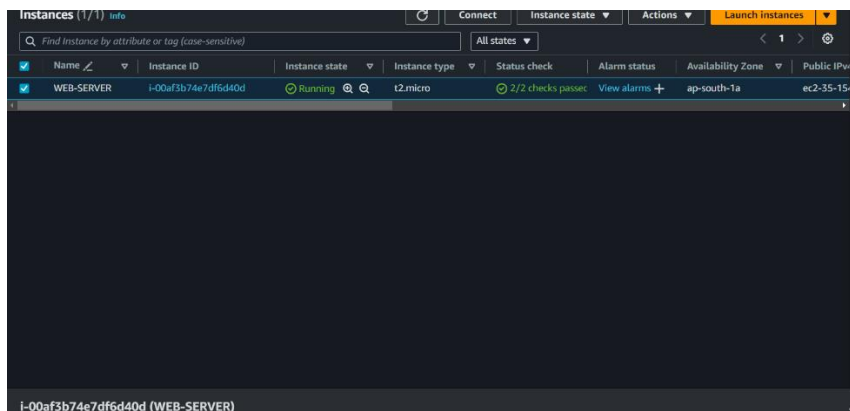


Step-14. Go to inbound roles through security groups and edit it.



Step-15. Click on save rules.

Step-16. Go to instance, select it and click on instance id.



Step -17. After that, we click on public ip and copy it and paste it to new tab.

EC2 > Instances > i-00af3b74e7df6d40d

### Instance summary for i-00af3b74e7df6d40d (WEB-SERVER) Info

Updated less than a minute ago

Public IPv4 address copied

<p>Instance ID</p> <p>i-00af3b74e7df6d40d (WEB-SERVER)</p> <p>IPv6 address</p> <p>—</p> <p>Hostname type</p> <p>IP name: ip-172-31-46-47.ap-south-1.compute.internal</p> <p>Answer private resource DNS name</p> <p>IPv4 (A)</p> <p>Auto-assigned IP address</p> <p>35.154.247.224 [Public IP]</p> <p>IAM Role</p> <p>—</p>	<p>35.154.247.224   <a href="#">open address</a></p> <p>Instance state</p> <p><span>Running</span></p> <p>Private IP DNS name (IPv4 only)</p> <p>ip-172-31-46-47.ap-south-1.compute.internal</p> <p>Instance type</p> <p>t2.micro</p> <p>VPC ID</p> <p>vpc-03f1e27488c392089</p> <p>Subnet ID</p> <p>subnet-092b93988fb936c66</p>	<p>Private IPv4 addresses</p> <p>172.31.46.47</p> <p>Public IPv4 DNS</p> <p>ec2-35-154-247-224.ap-south-1.compute.amazonaws.com</p> <p><a href="#">open address</a></p> <p>Elastic IP addresses</p> <p>—</p> <p>AWS Compute Optimizer finding</p> <p><span>Opt-in to AWS Compute Optimizer for recommendations.</span></p> <p><a href="#">Learn more</a></p> <p>Auto Scaling Group name</p> <p>—</p>
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Step-18. Then, our website is deployed.

