

Lab Assignment – 01

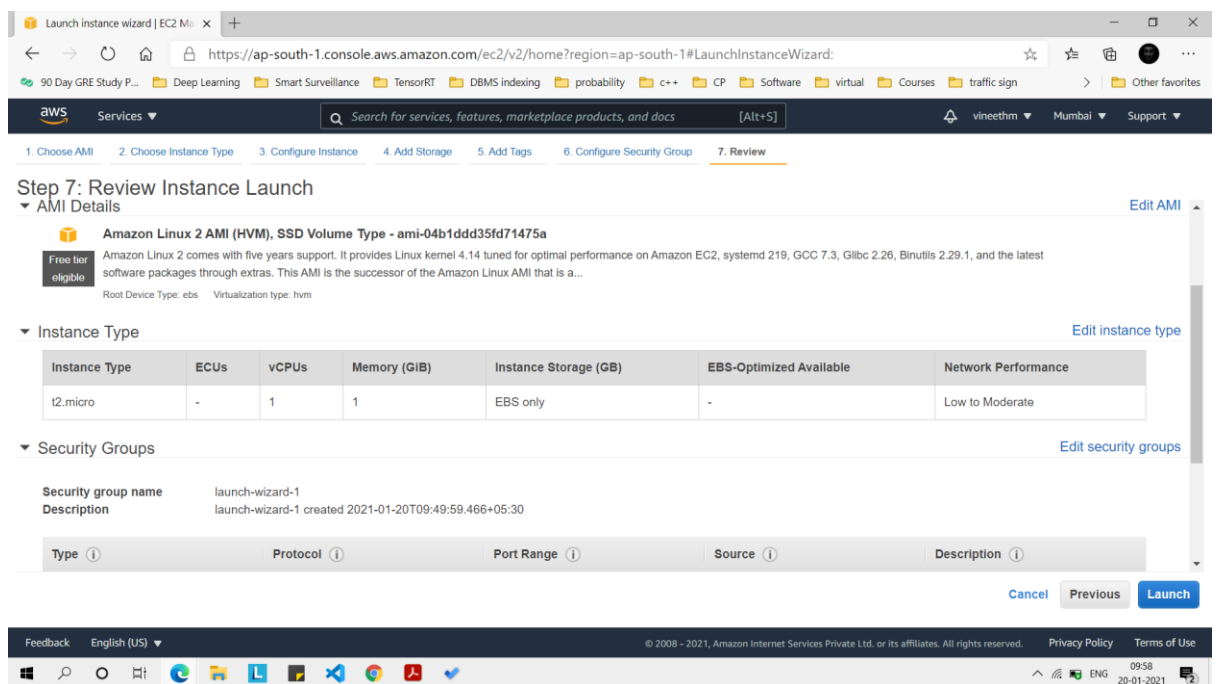
Task : Launch the AWS Linux instance and connect it using PuTTY.

Reference article:

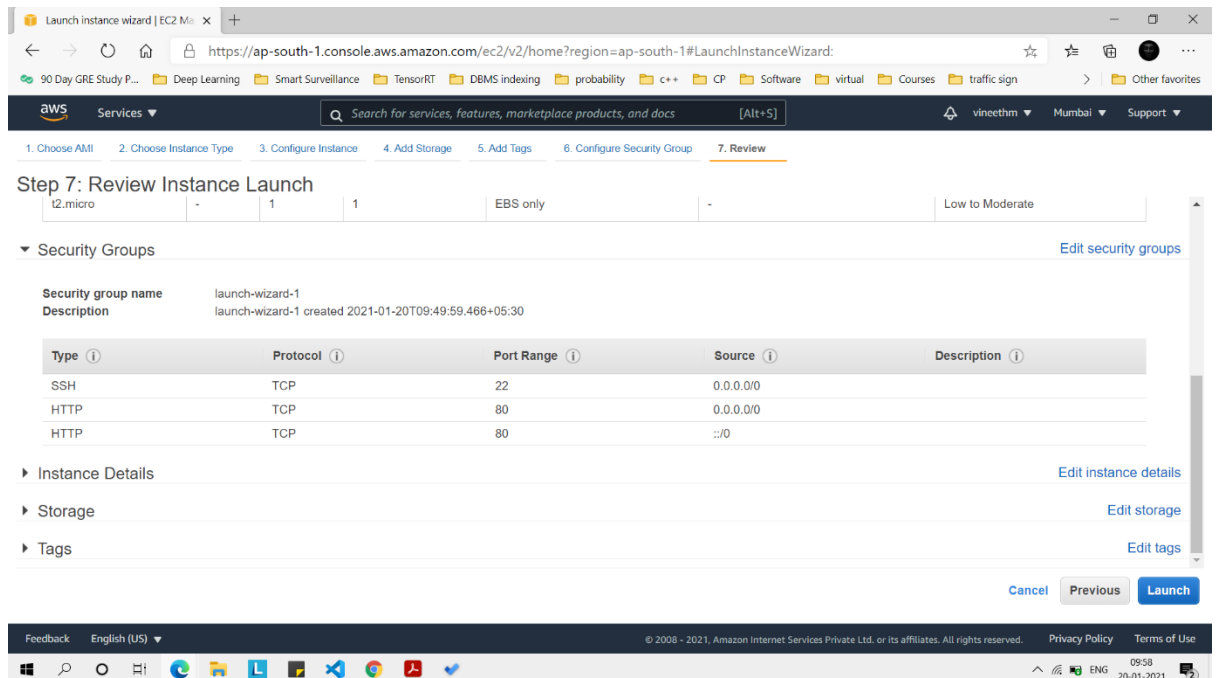
<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/putty.html>

Screenshots:

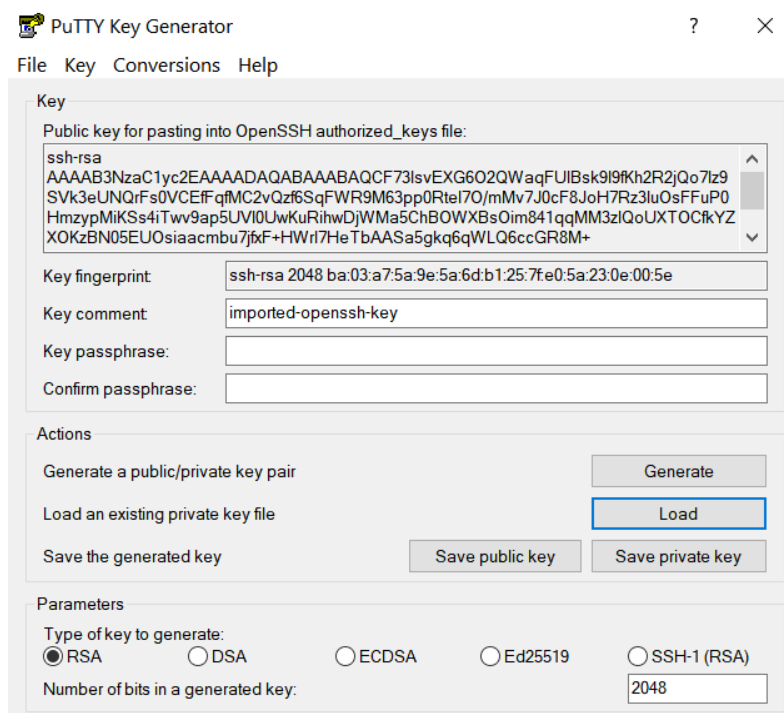
1) Creation of Amazon EC2 Linux instance.



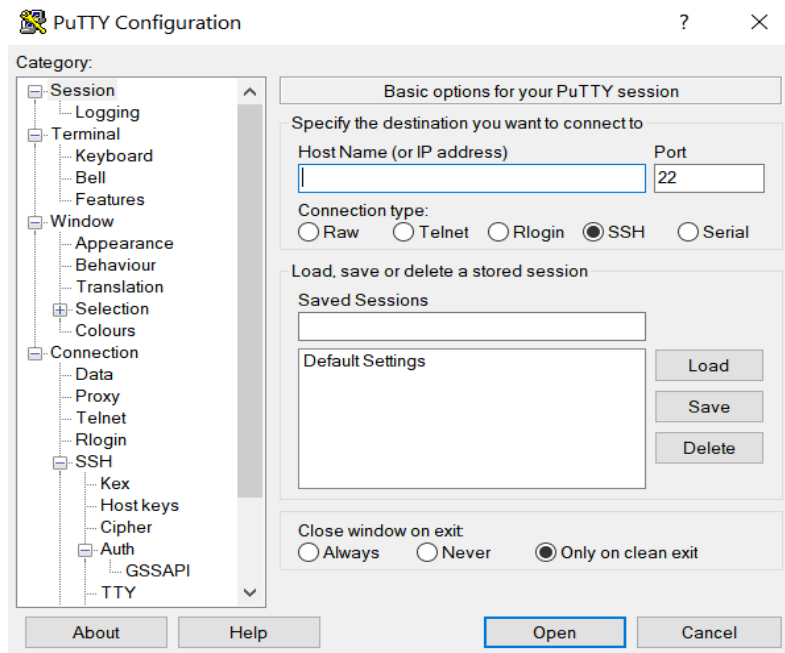
2) Add the HTTP protocol to access the webpage (apache server welcome page)



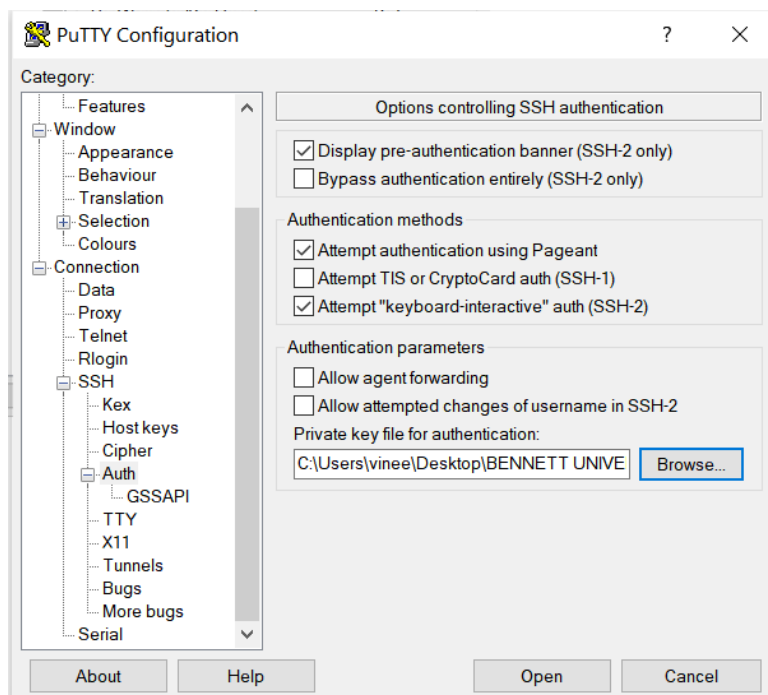
3) Convert the private key file (.pem) to (.ppk) using PuTTYgen.



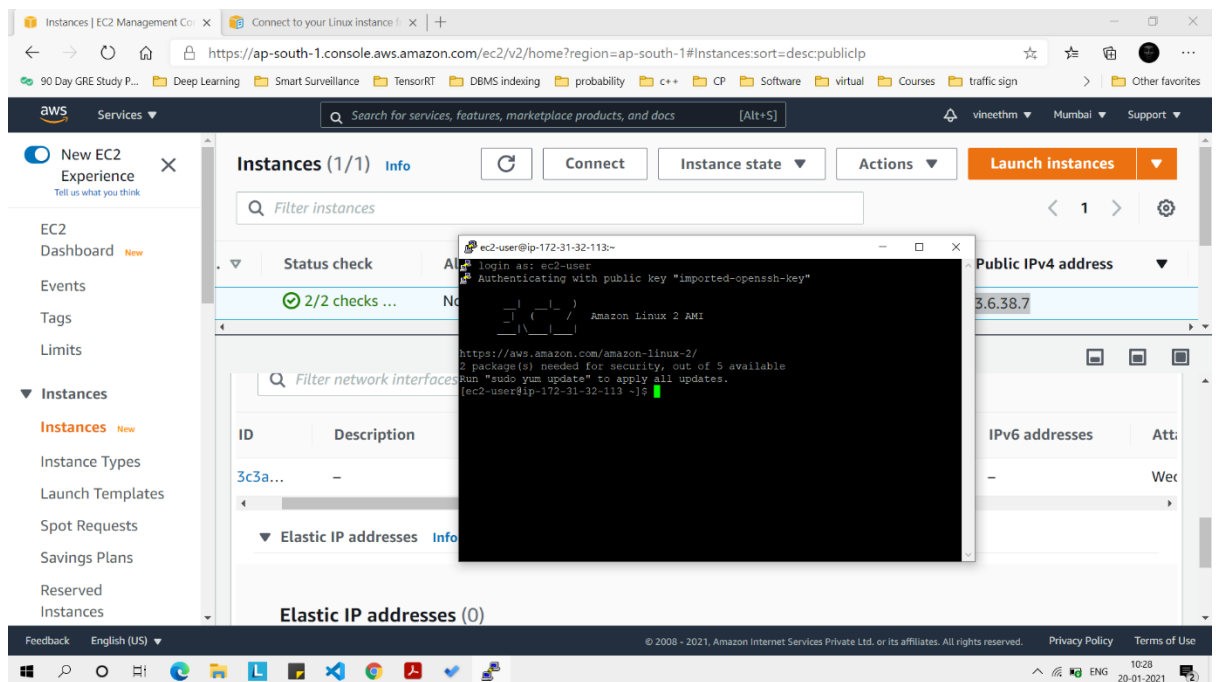
4) Open the PuTTY and copy the host address (public ipv4)



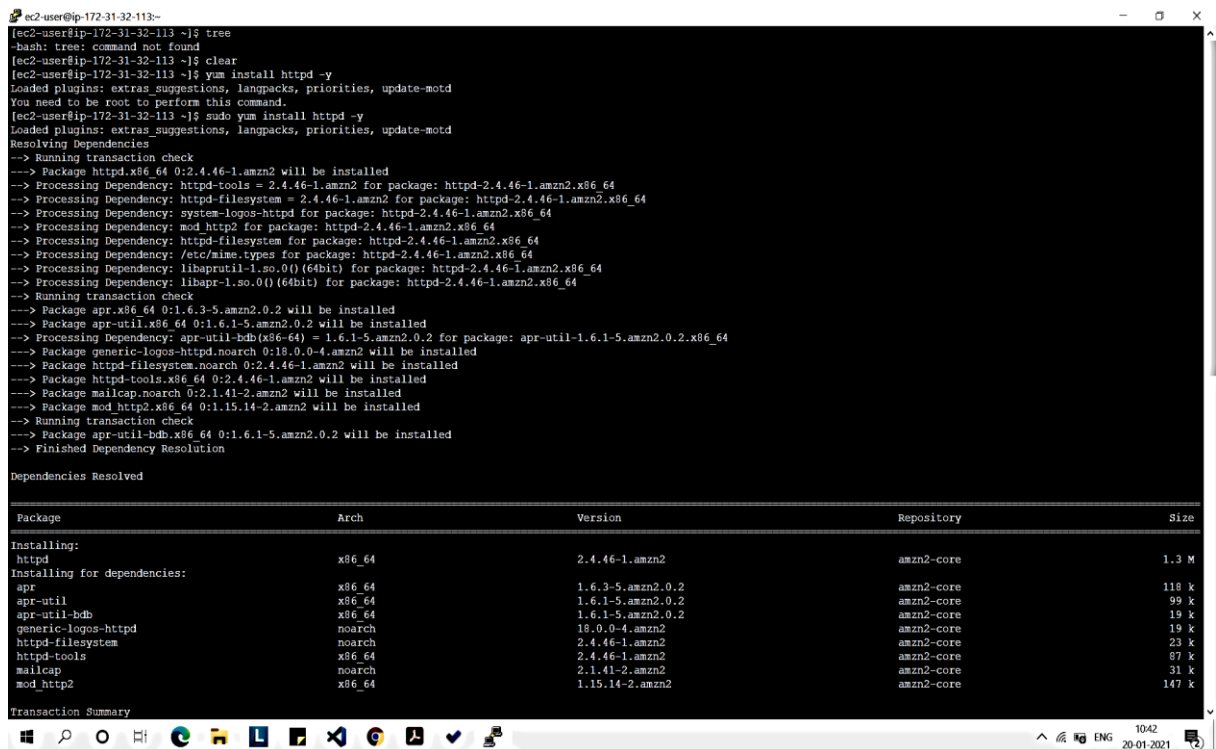
5) In the SSH, under Auth load the key(.ppk file)



6) Now the connection to the Linux server is established.



7) Run some commands on the linux terminal.



```
ec2-user@ip-172-31-32-113:~  
[ec2-user@ip-172-31-32-113 ~]$ iostat  
Linux 4.14.209-160.339.amzn2.x86_64 (ip-172-31-32-113.ap-south-1.compute.internal) 01/20/2021 _x86_64_ (1 CPU)  
  
avg-cpu:  %user   %nice %system %iowait  %steal   %idle  
           1.09    0.00    0.22    0.05    0.37   98.26  
  
Device:            tps    kB_read/s    kB_wrtn/s    kB_read    kB_wrtn  
xvda                 4.46         90.19         126.55      194156      272418  
[ec2-user@ip-172-31-32-113 ~]$
```

```
ec2-user@ip-172-31-32-113:~  
[ec2-user@ip-172-31-32-113 ~]$ uptime  
05:07:10 up 34 min,  1 user,  load average: 0.16, 0.06, 0.02  
[ec2-user@ip-172-31-32-113 ~]$
```

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Run the below command to start the server and see the apache server welcome page.

```

root@ip-172-31-32-113/home/ec2-user
[ec2-user@ip-172-31-32-113 ~]$ sudo su
[root@ip-172-31-32-113 ec2-user]# systemctl start httpd
[root@ip-172-31-32-113 ec2-user]#

```

