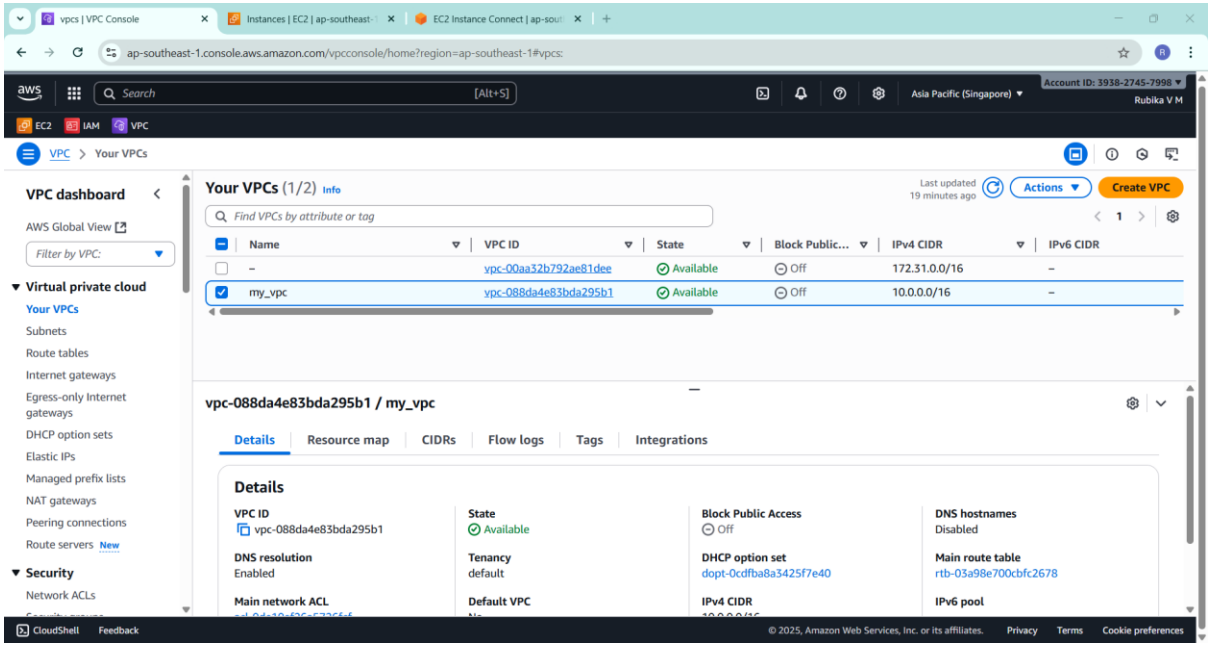
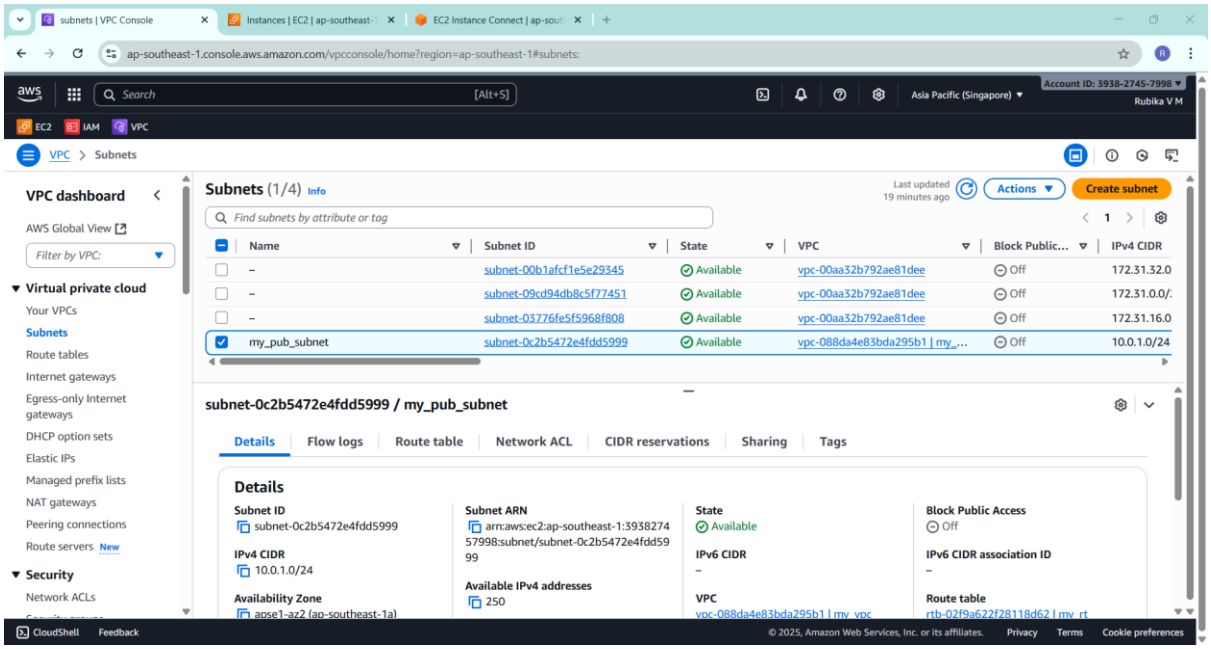
Task – 16

NACL and Security group

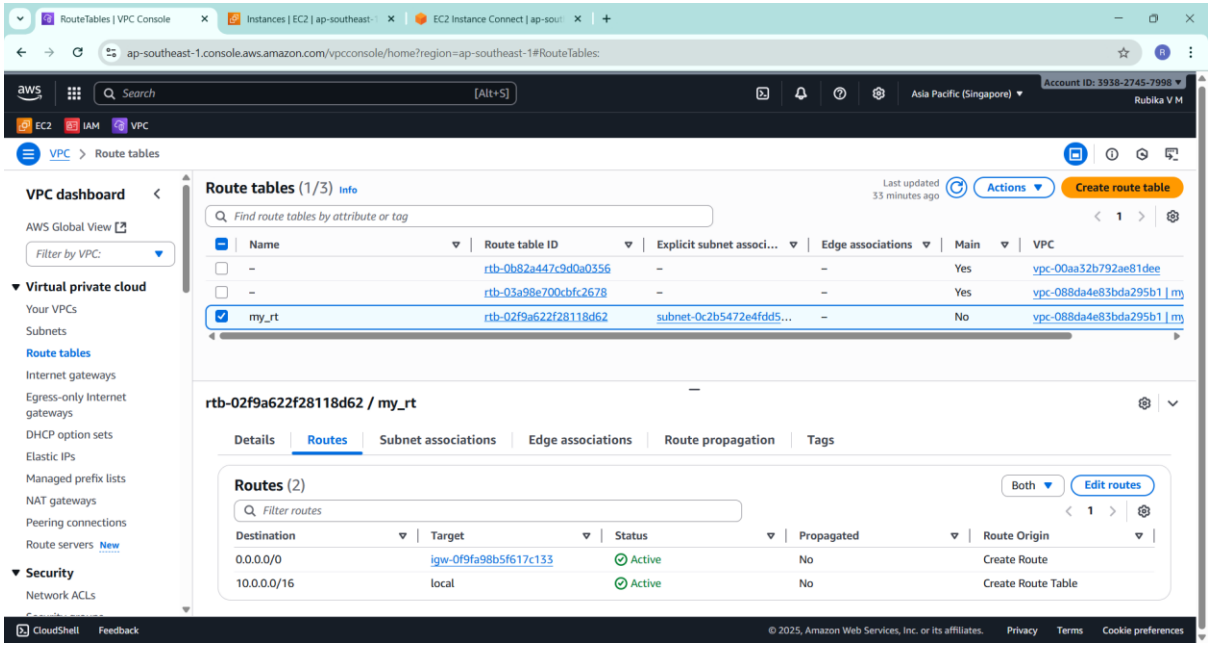
Creation of VPC



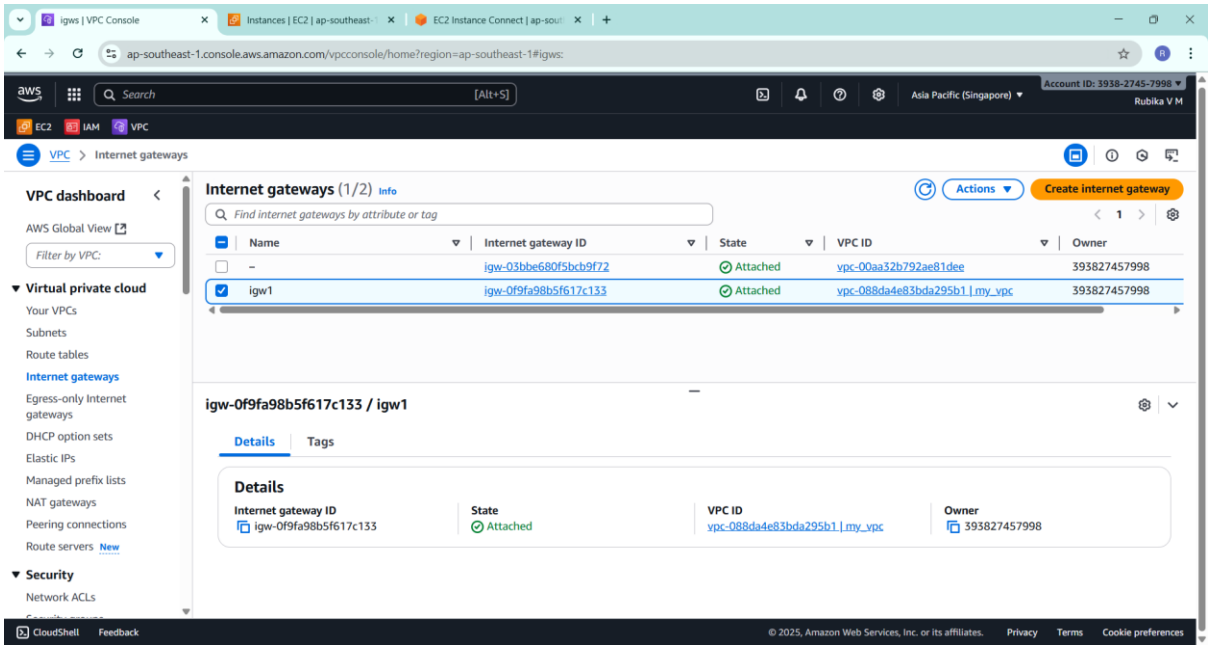
Creation of Subnet



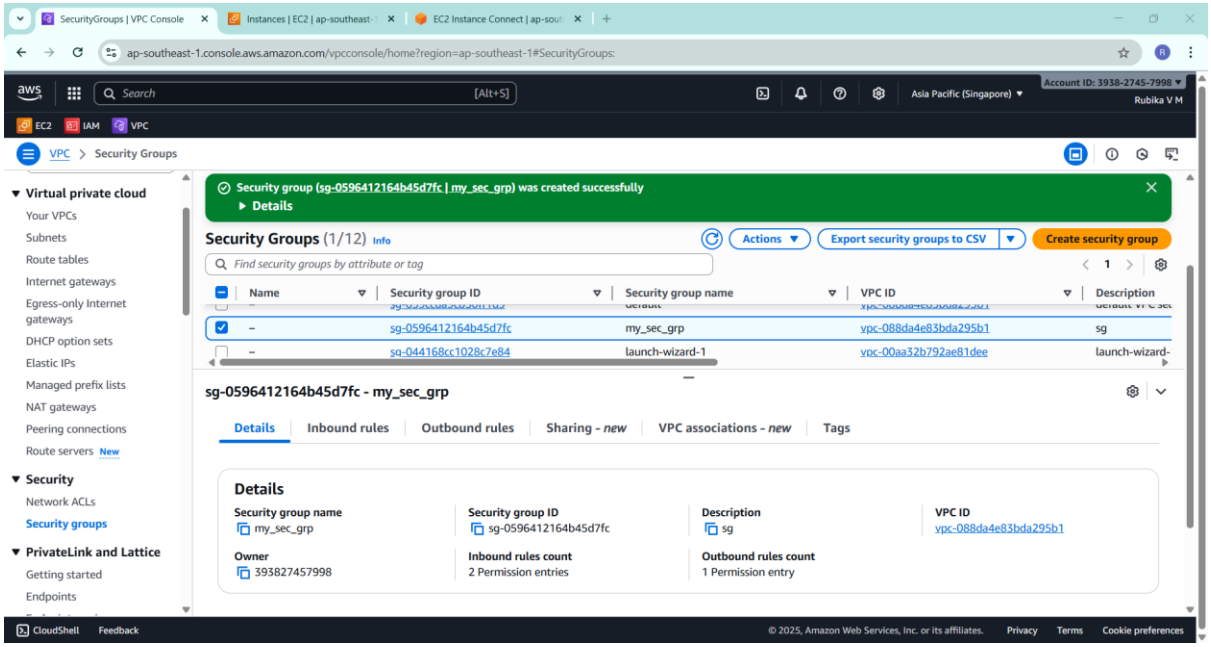
Creation of Route table



Creation of Internet gateway

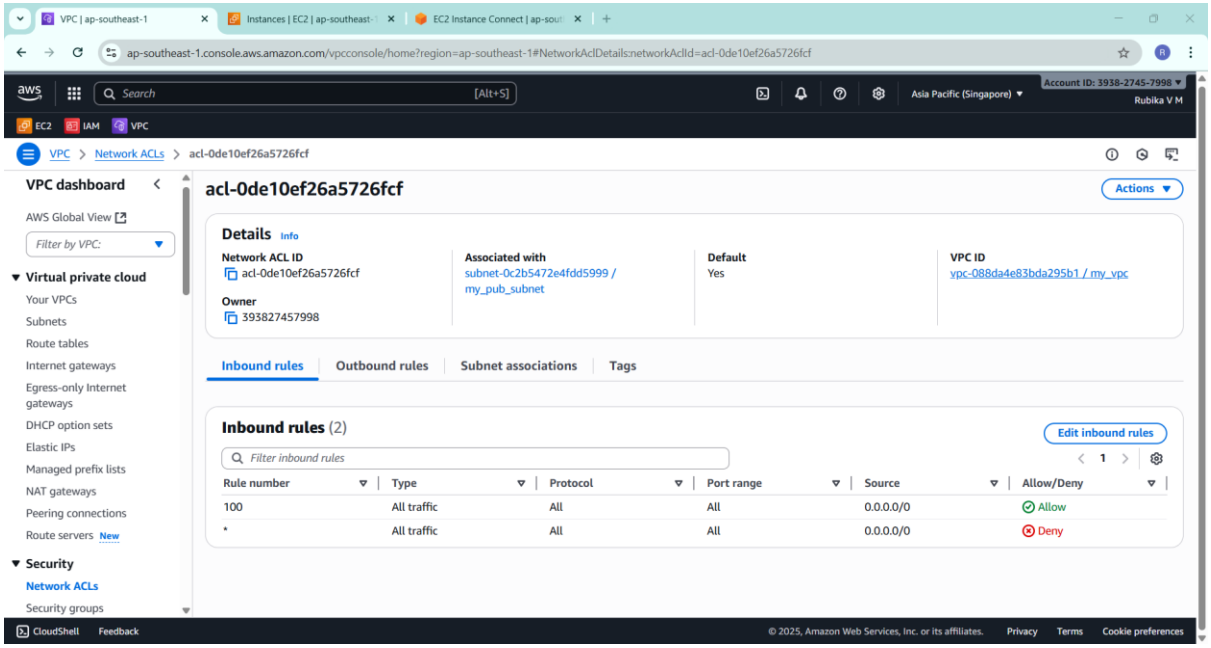


Creation of security group

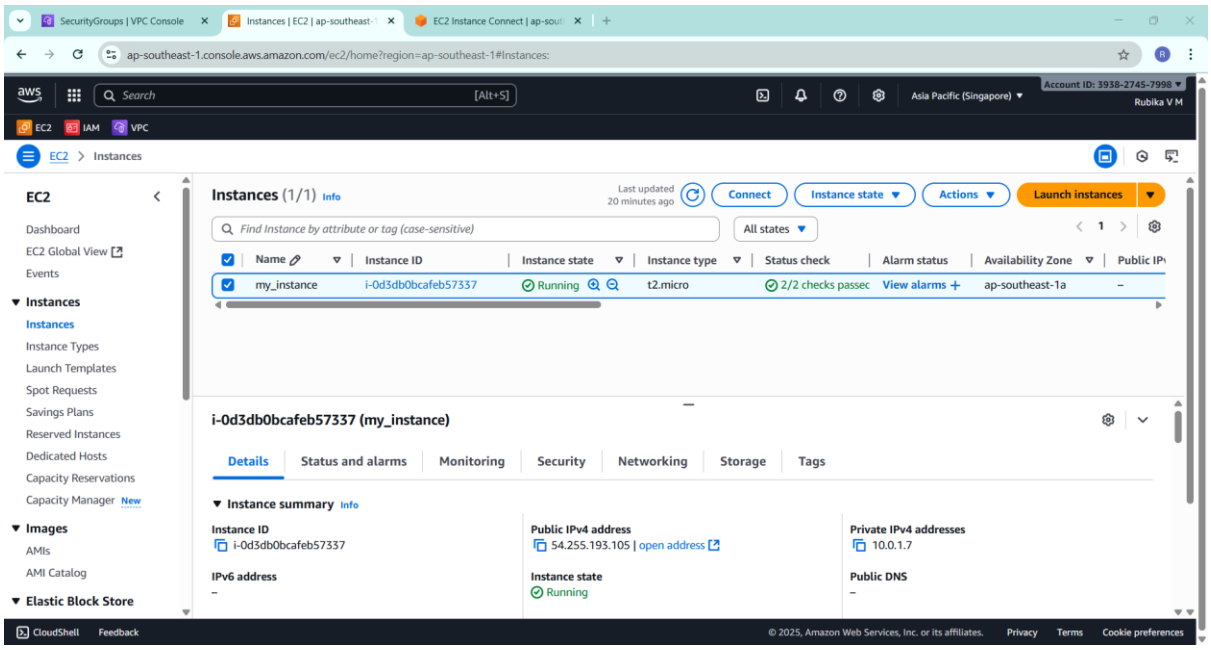


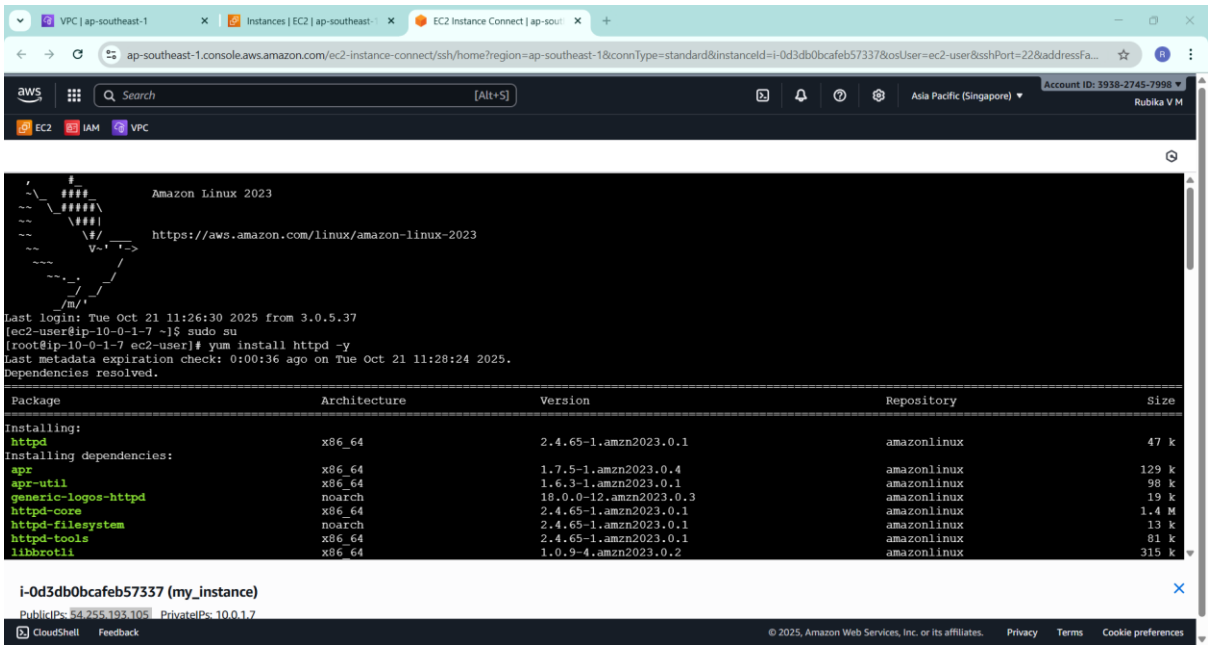
Creation of NACL

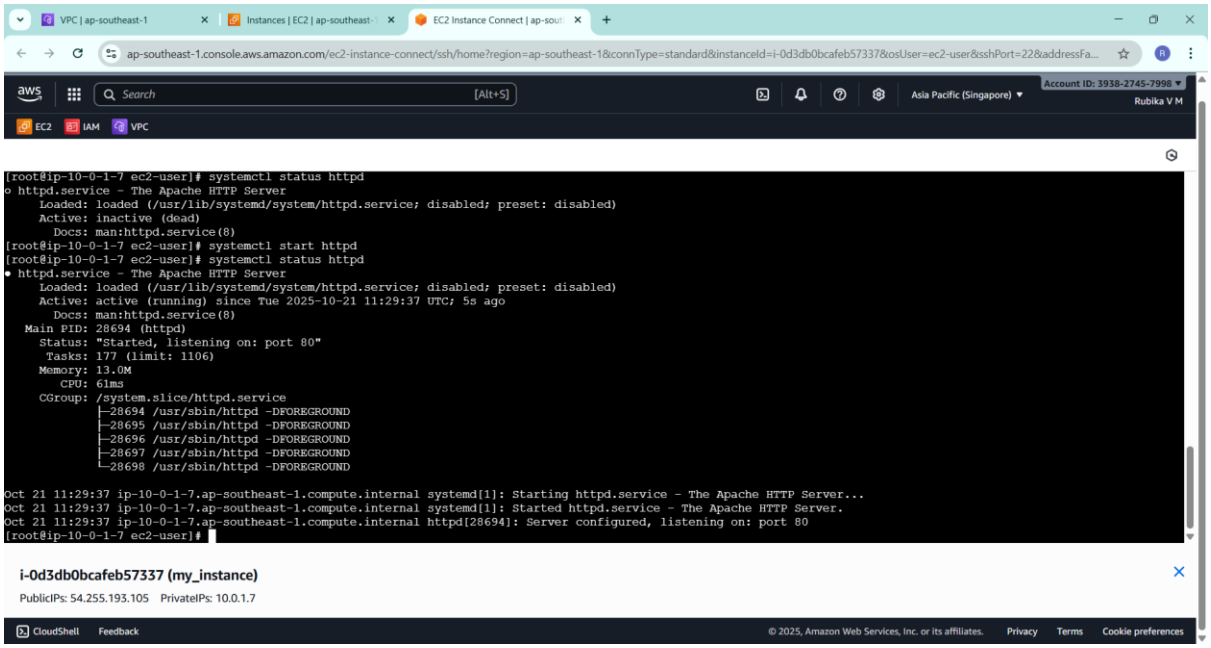
Here it has the inbound rule as (all traffic: allow) that's why the web hosting happened



Creation of Instance



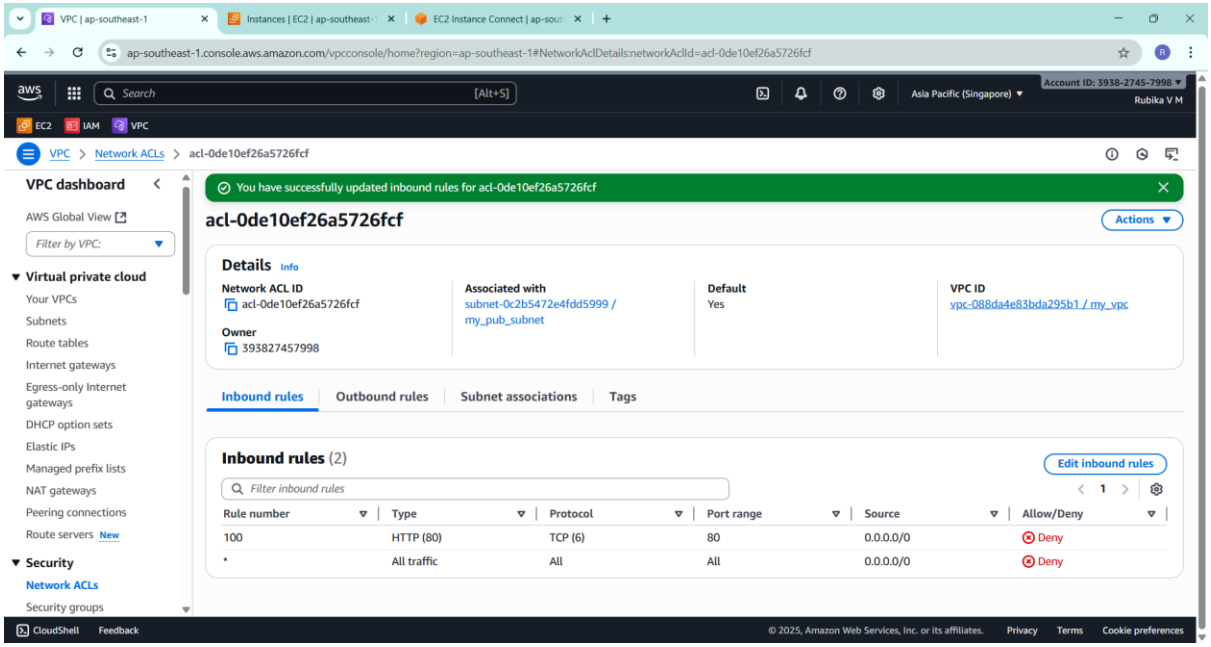




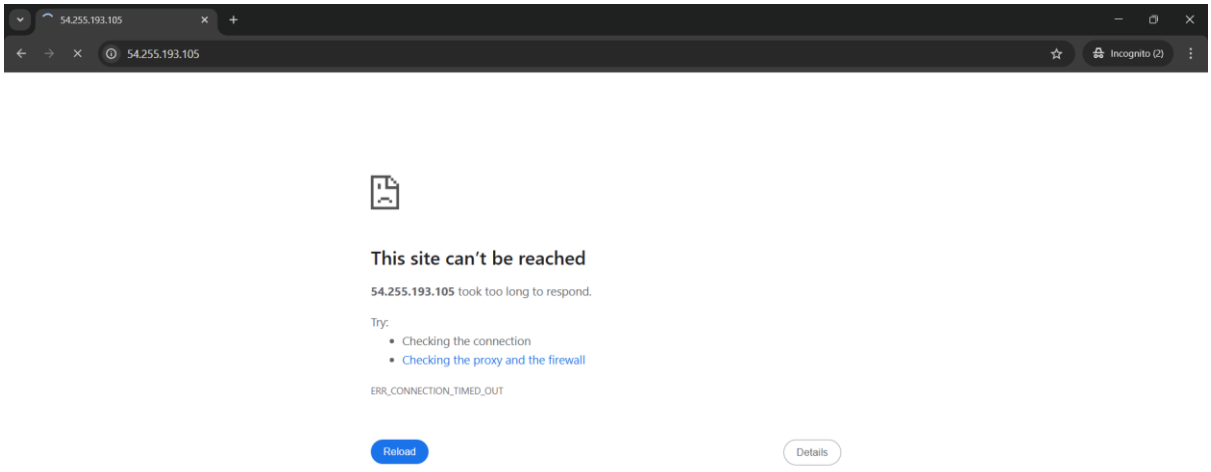
Here we get the targeted output of the webhosting when the inbound rule's all traffic is allowed.

It works!

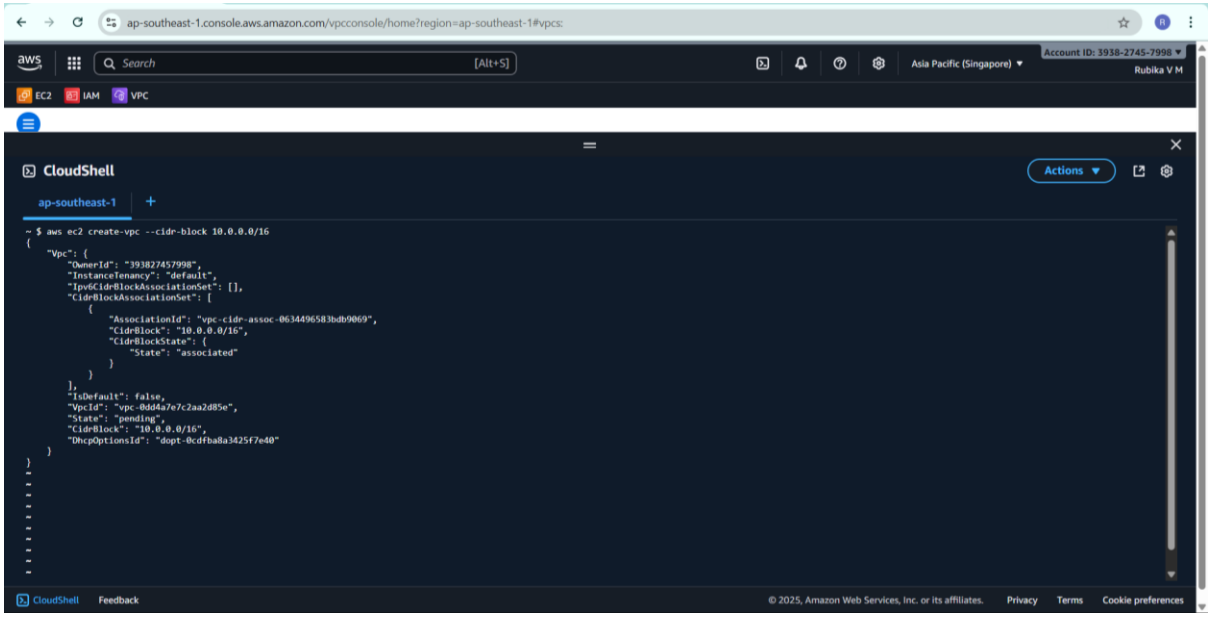
When the inbound rule is set to (http: deny) like the below screenshot

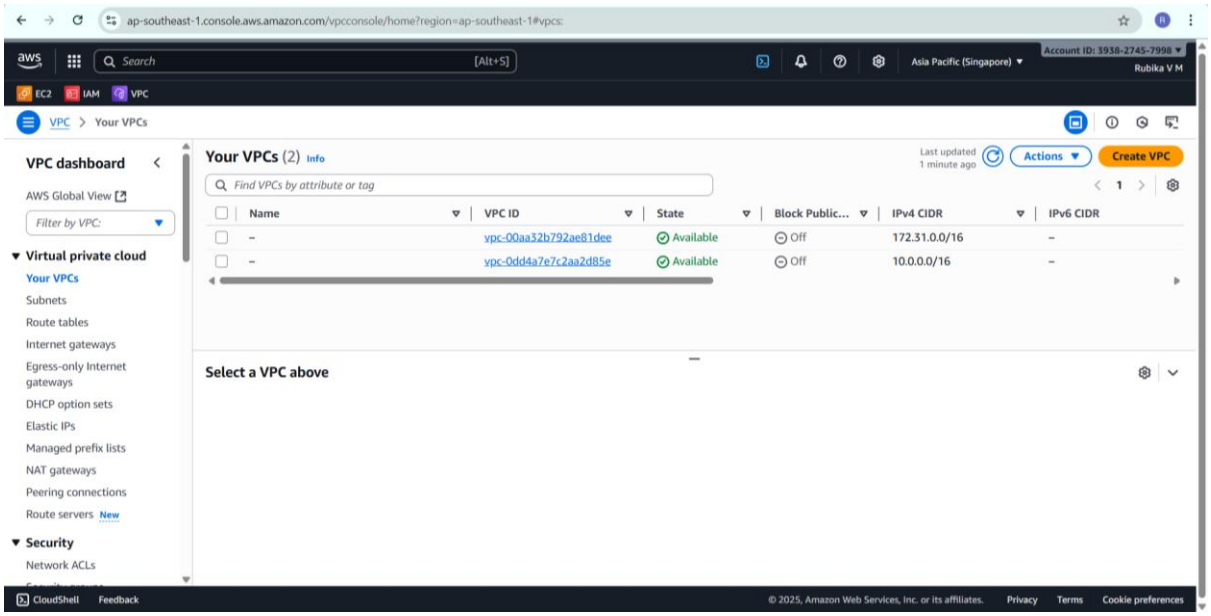


We don’t get the desired output of web hosting.

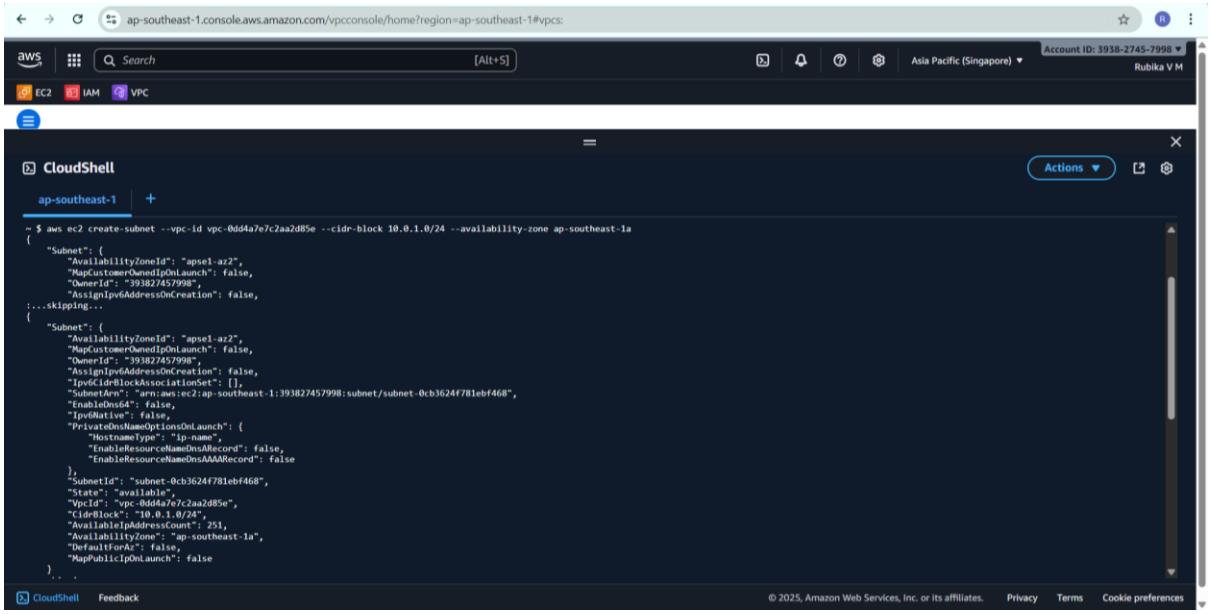


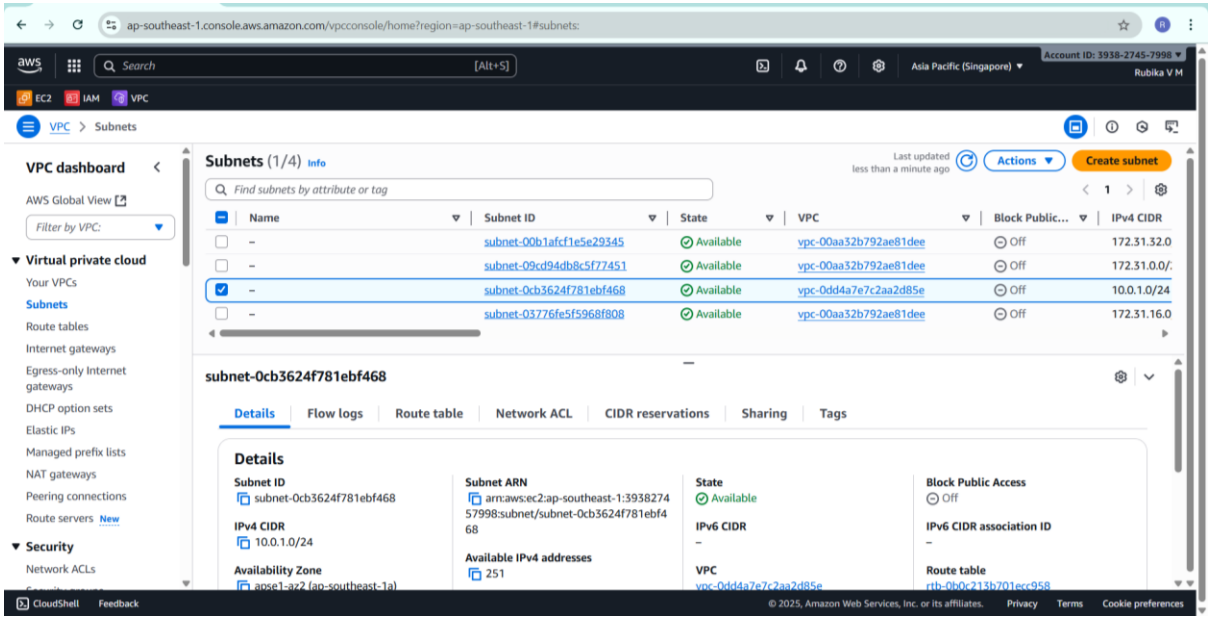
Create VPC through AWS CLI



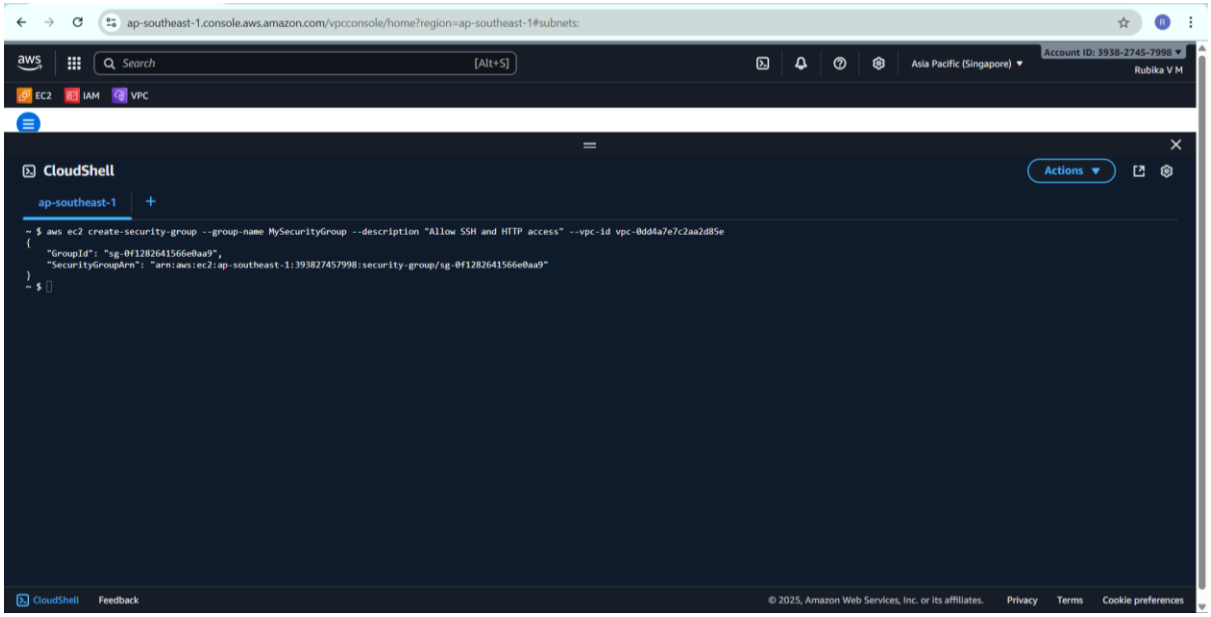


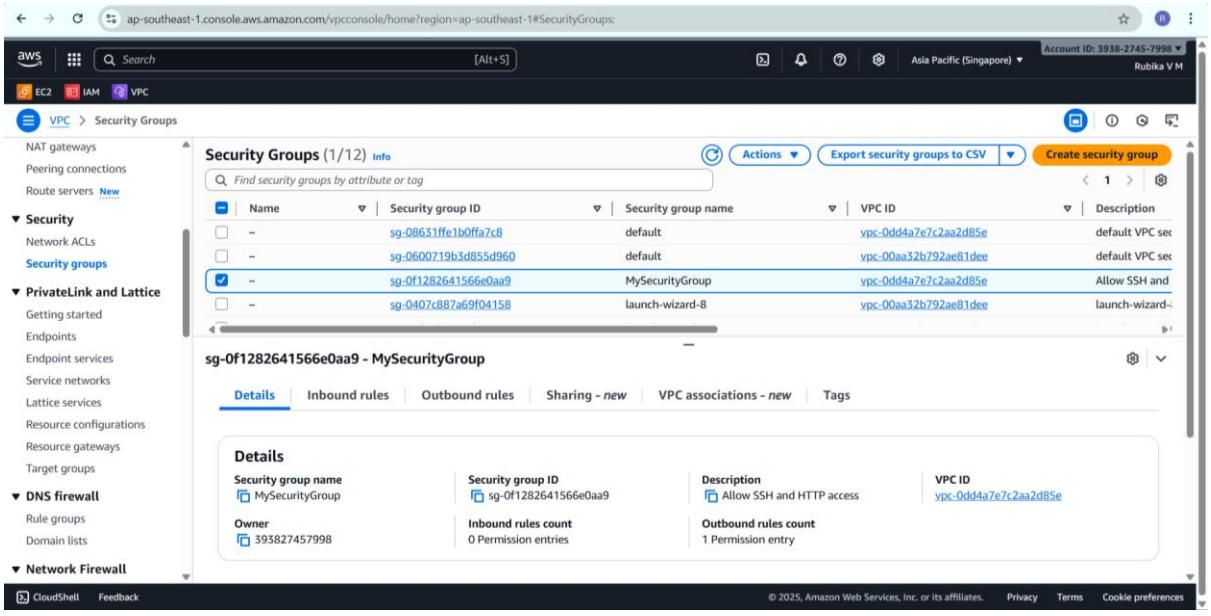
Creation of subnet through CLI



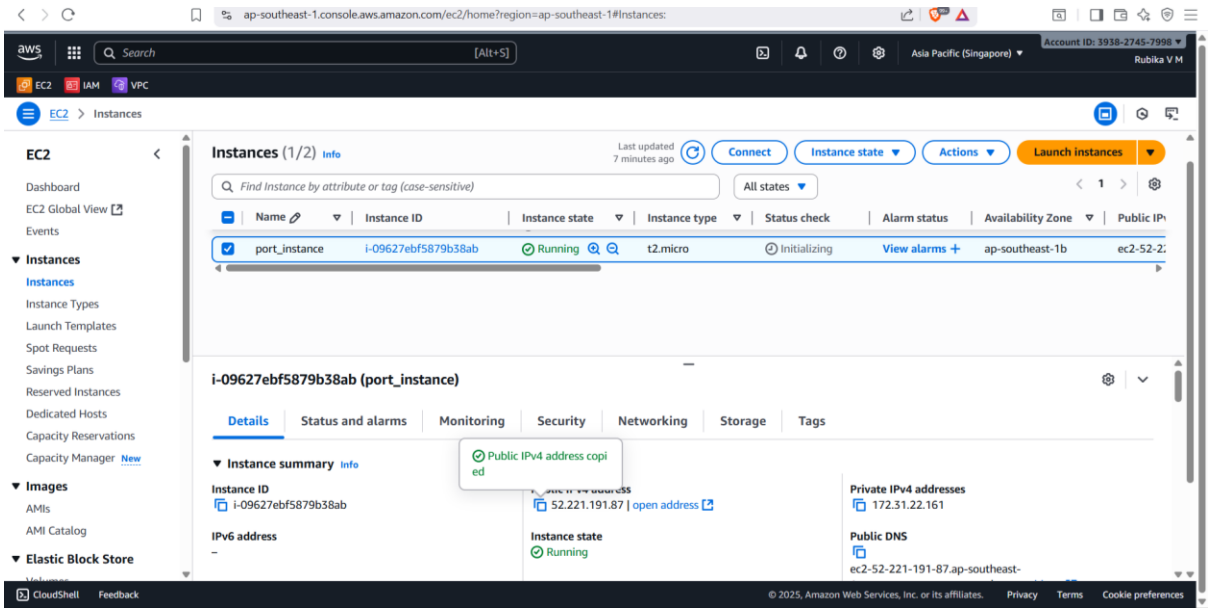


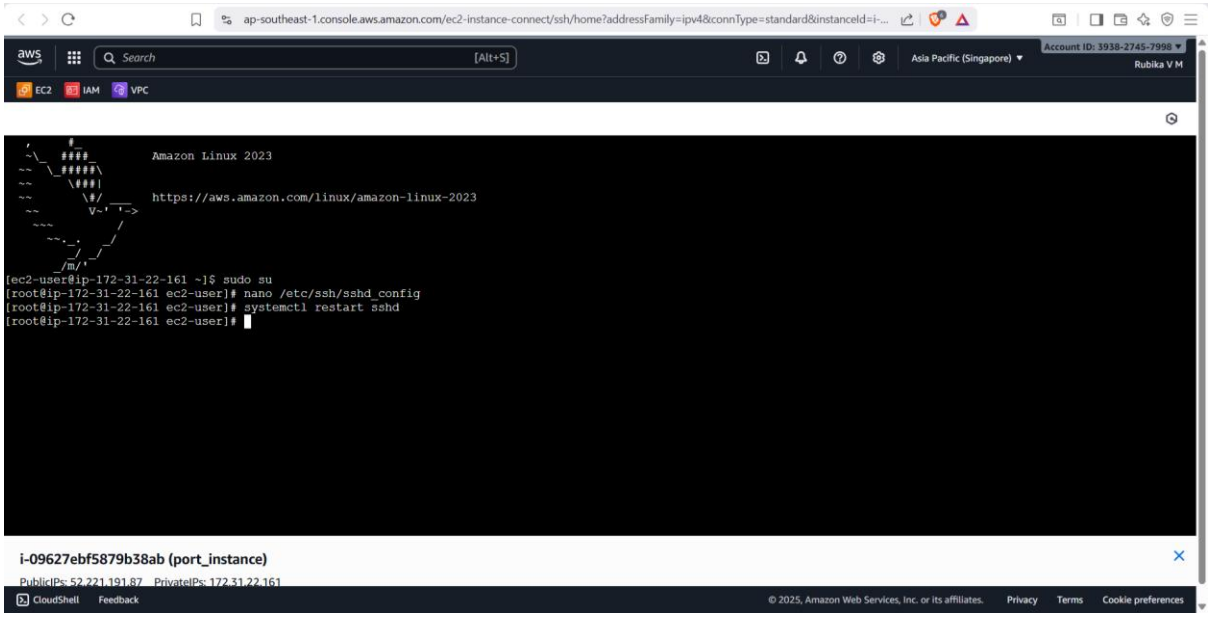
Creation of security group through CLI

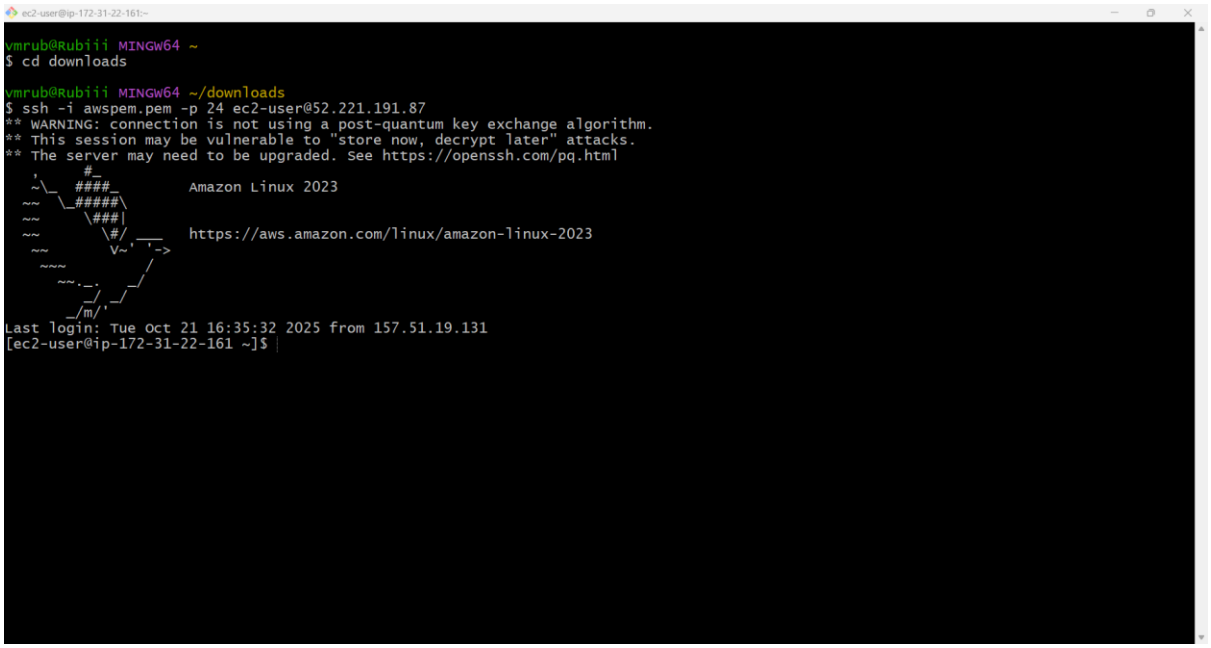




Changing port number:






ec2-user@ip-172-31-22-161:~
vmrub@Rubiii MINGW64 ~
$ cd downloads
vmrub@Rubiii MINGW64 ~/downloads
$ ssh -i awspem.pem -p 24 ec2-user@52.221.191.87
** WARNING: connection is not using a post-quantum key exchange algorithm.
** This session may be vulnerable to "store now, decrypt later" attacks.
** The server may need to be upgraded. See https://openssh.com/pq.html
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
Last login: Tue Oct 21 16:35:32 2025 from 157.51.19.131
[ec2-user@ip-172-31-22-161 ~]$