

AWS CLOUD ASSIGNMENT 1

Question 3 L3

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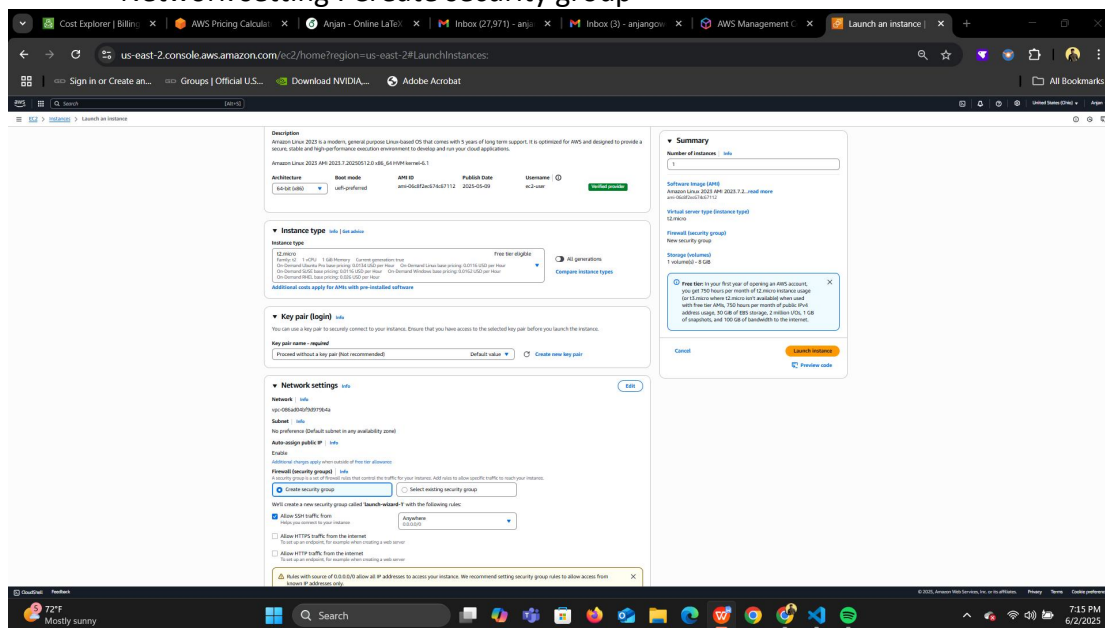
Phone no: 8553939520

L3 - Launch AWS EC2 Ubuntu Instance and configure the Security Group

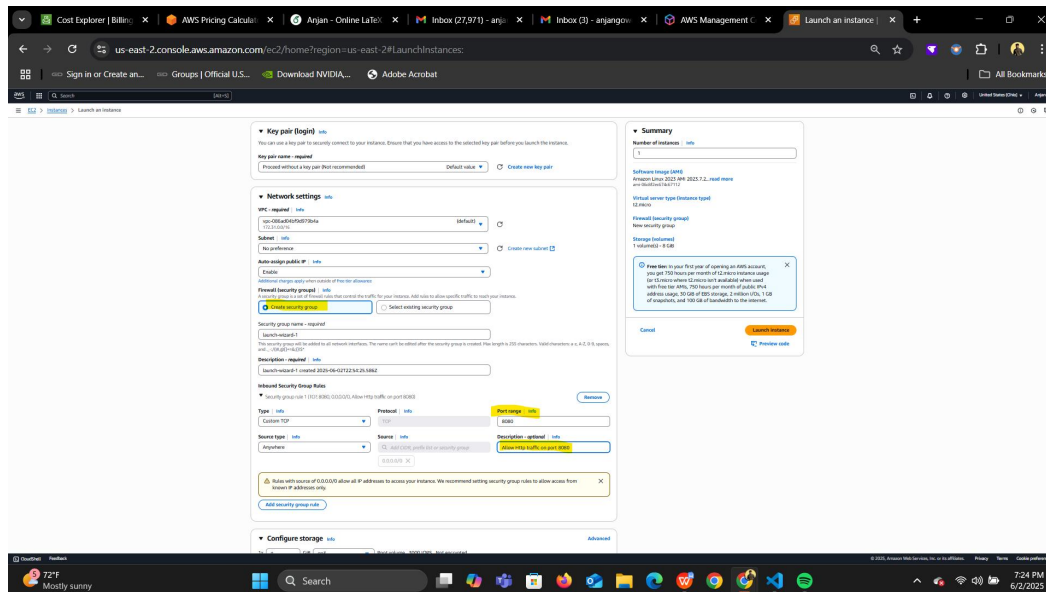
- Inbound Rule: 8080. Justify the usage of Inbound Rules

Step 1: Launch an EC2 Ubuntu instance by using following steps

- Login to AWS Management console and go to EC2 Dashboard
- Click on Launch Instance and select the following options
 - ✓ Name of instance : anjanstar
 - ✓ Choosing AMI to be ubuntu server
 - ✓ Instance type to t2.micro
 - ✓ Key pair : choosing an existing one
 - ✓ Network setting : Create security group

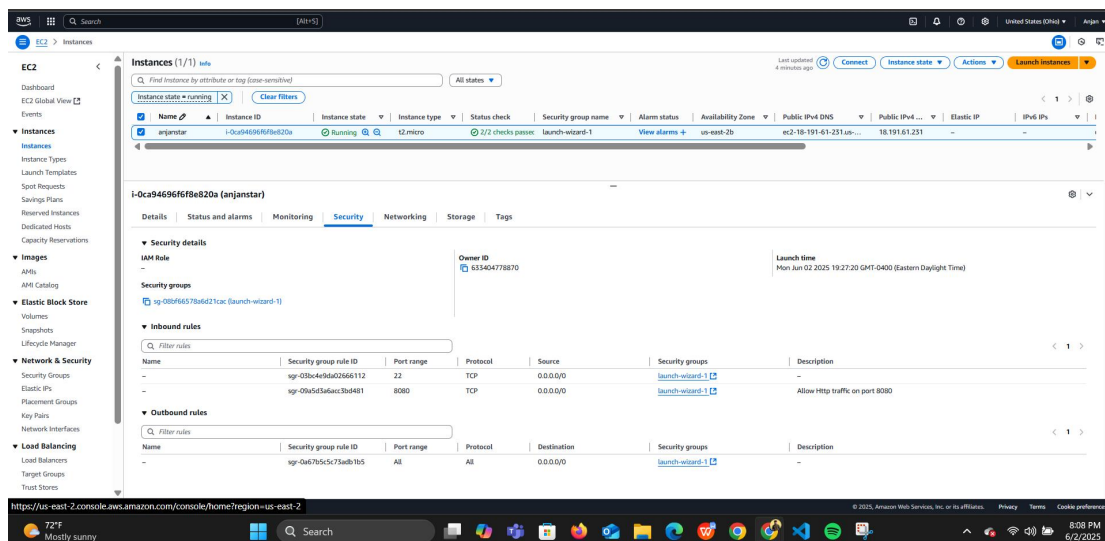


Step 2: Configuring Security group with adding inbound rule for port 8080

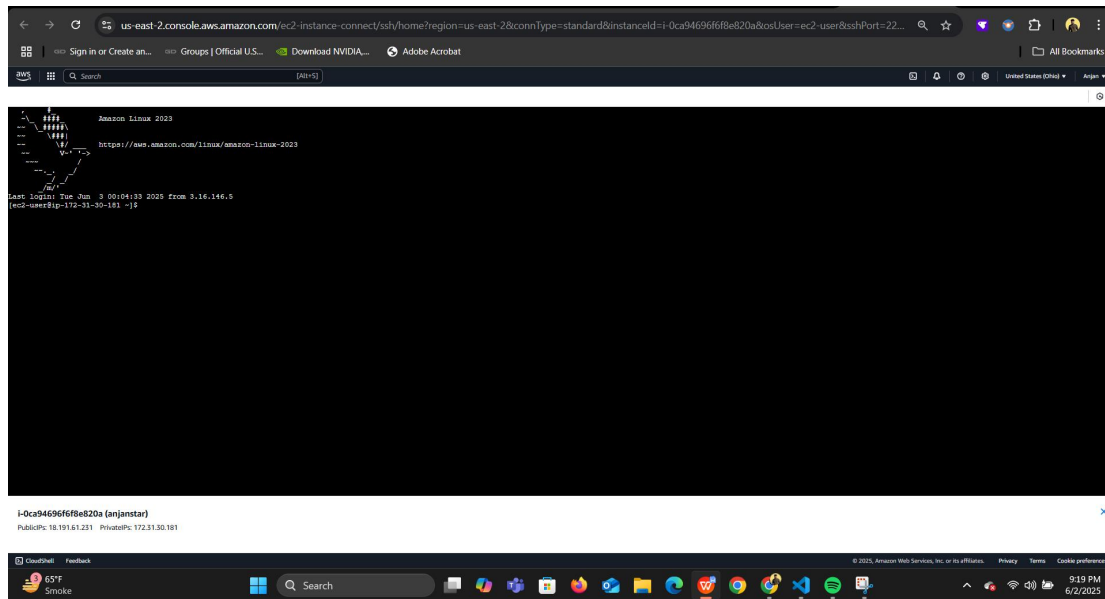


Instance launched with security group launch wizard 1

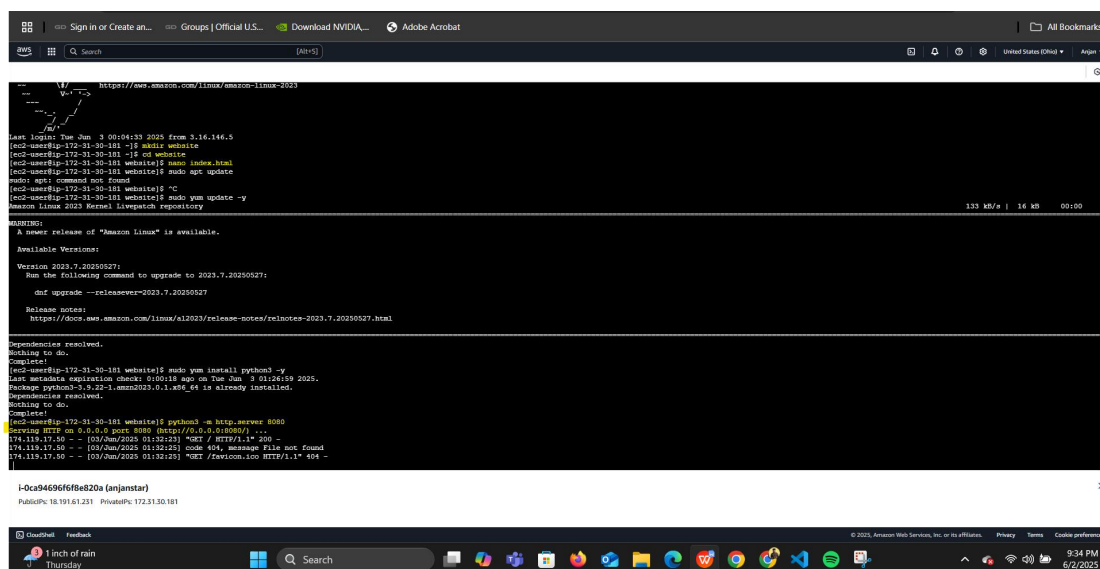
- ✓ Port 22 is for establishing SSH connection to EC2, if port 22 is not open then AWS will not allow connection to ec2 through SSH.
- ✓ Port 8080 is for inbound rule for http traffic.



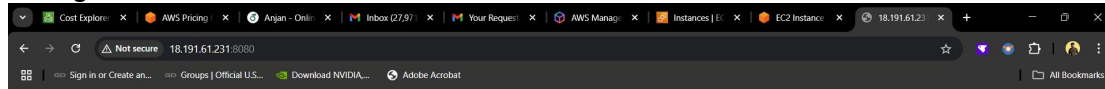
Instance Launched Successfully



- ✓ Created an html file with basic code and ran in the the html code through server.
- ✓ Using the EC2 public ip and port 8080 I was able to access my html file.



Through the Public IP of EC2 I was able to access the HTML server that is hosted



This is running in Port 8080



Why use Inbound rule for Port 8080?

- ❖ Because it defines which traffic is allowed into our instance.
- ❖ Without the inbound rule for port 8080, the applications listening on that port will not be reachable through internet
- ❖ So by assigning the port 8080 it enable the clients to connect our web server via port number which goes like [http://\(ec2 - ip address \):8080](http://(ec2 - ip address):8080) .