

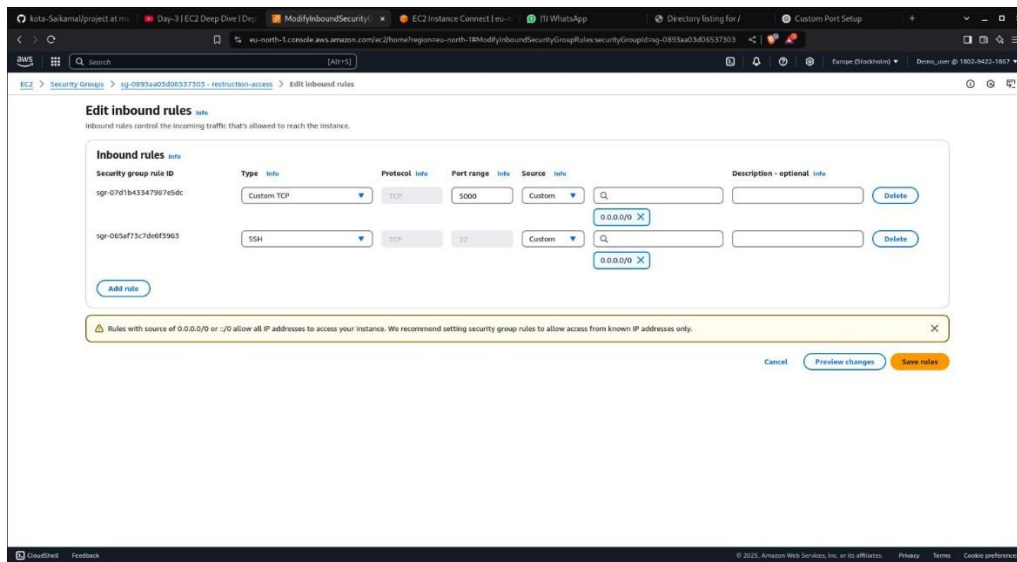
# ASSIGNMENT 4

Create an security group to connect a custom port 5000 using ssh

Firstly login into you aws account

## # Creating Security group for the instance

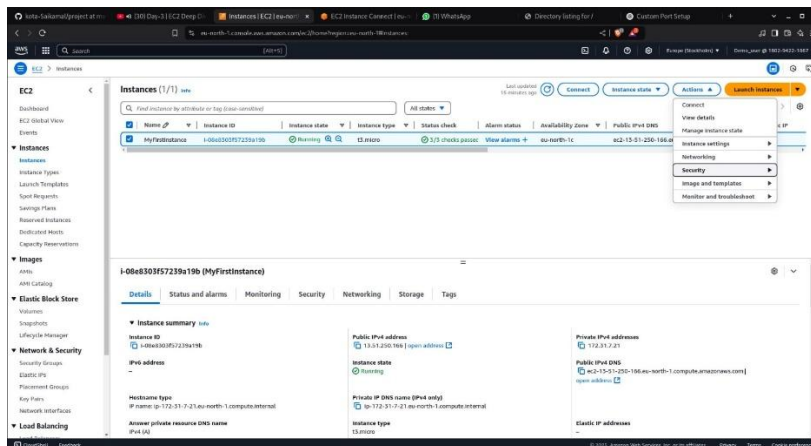
- ⇒ First go to security group and select “create security group”
- ⇒ Then add rule for ssh with source port any
- ⇒ And add one more rule for custom tcp select “5000” as range with source port any



- ⇒ Now save rules in security group

## # Creating instances

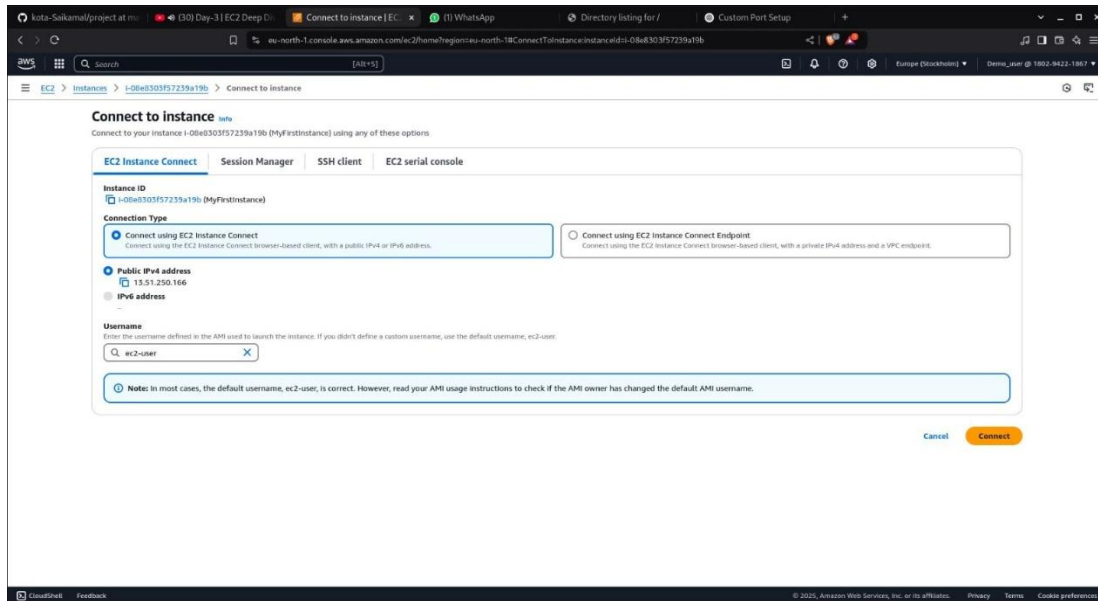
- ⇒ Then create an instances
- ⇒ Name the instance
- ⇒ Create an key-pair if need
- ⇒ And now under security group select previous created group
- ⇒ If instances is already exists then follow below image instructions



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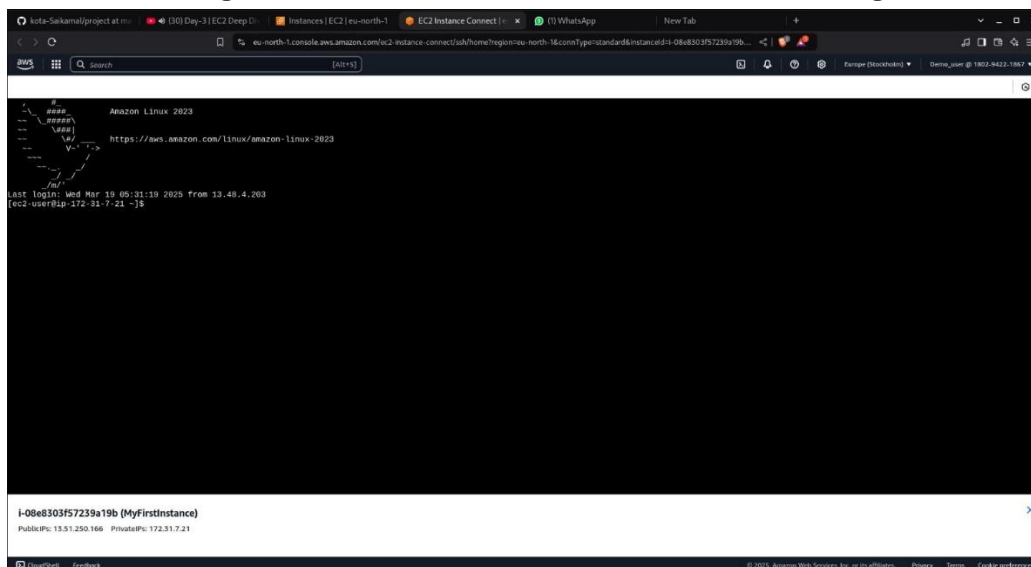
⇒ After selecting security add recently created security group to that instances

## # Connecting to ssh to access 5000 port



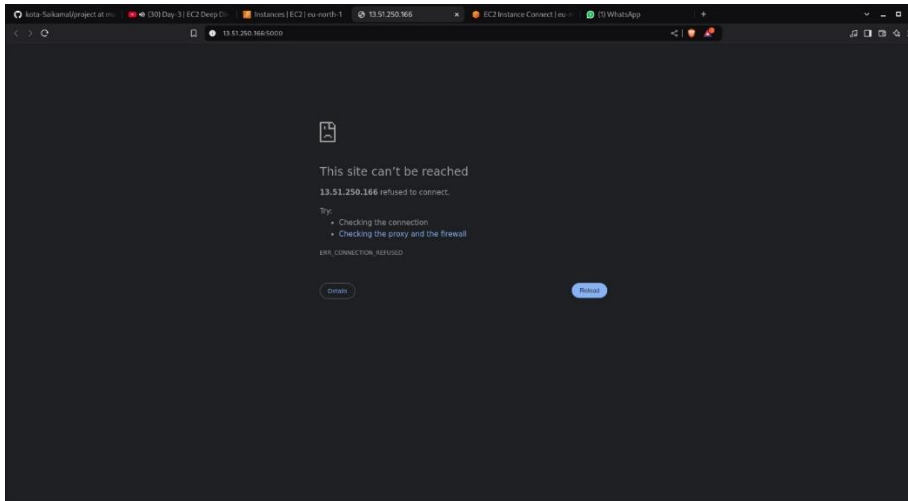
using connect instances method we can connect to instances using ssh which is build in option by aws

⇒ After connecting to the instances we can able to see below image

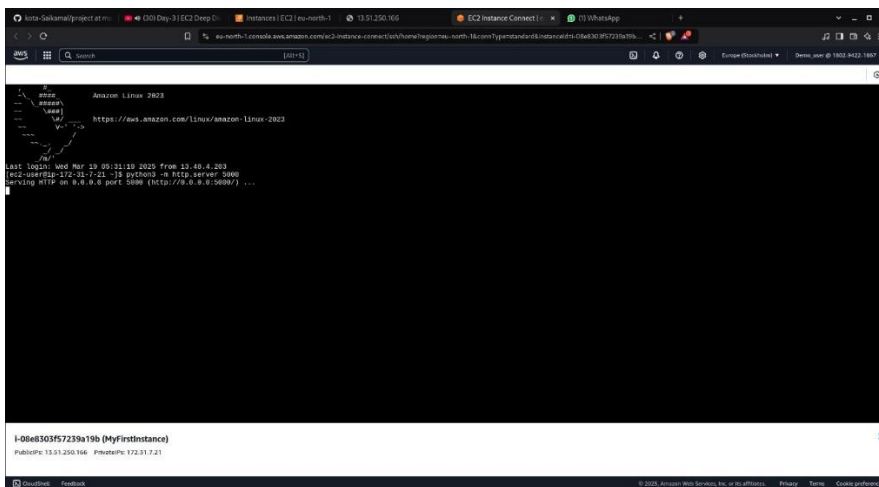


⇒ But still we didn't setup temporary access for the 5000 port server if we try to access without setup

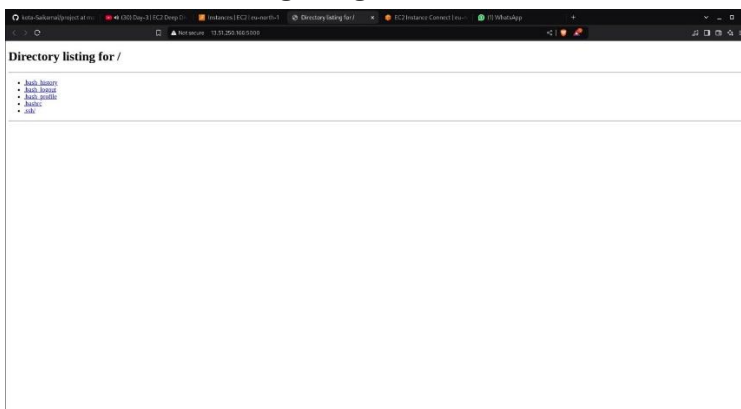
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- ⇒ This is due to we didn't give any access for that custom port using python
- ⇒ Using instances that we had logged in we create access for 5000 port using command "python3 -m http.server 5000"
- ⇒ Then we can see below image



- ⇒ Which means 5000 port got access temporarily when we reload previous server
- ⇒ We can see following image



- ⇒ Which mean we created an custom port sever of 5000

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