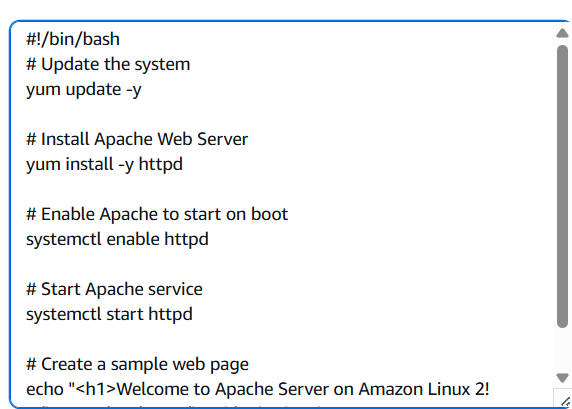
**EC2 TASK**

1. Launch one EC2 using Amazon Linux 2 image and add a script in user data to install Apache.

\*create a new instance, apache-server

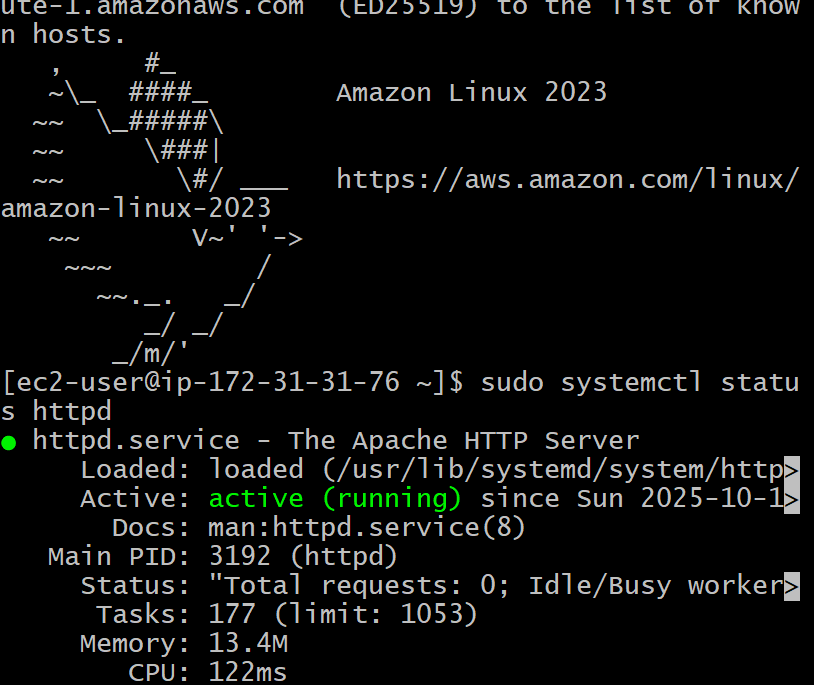
\*add configuration ,security default,

\*add script in additional settings, in user data option



\*now connect to linux machine by adding ssh -ip

\*to verify – sudo systemctl status httpd

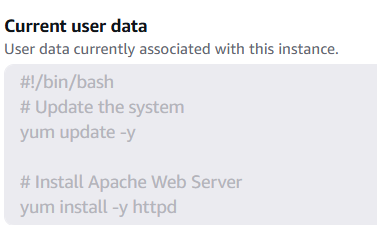


2. Launch one EC2 using Ubuntu image and add a script in user data to install Nginx.

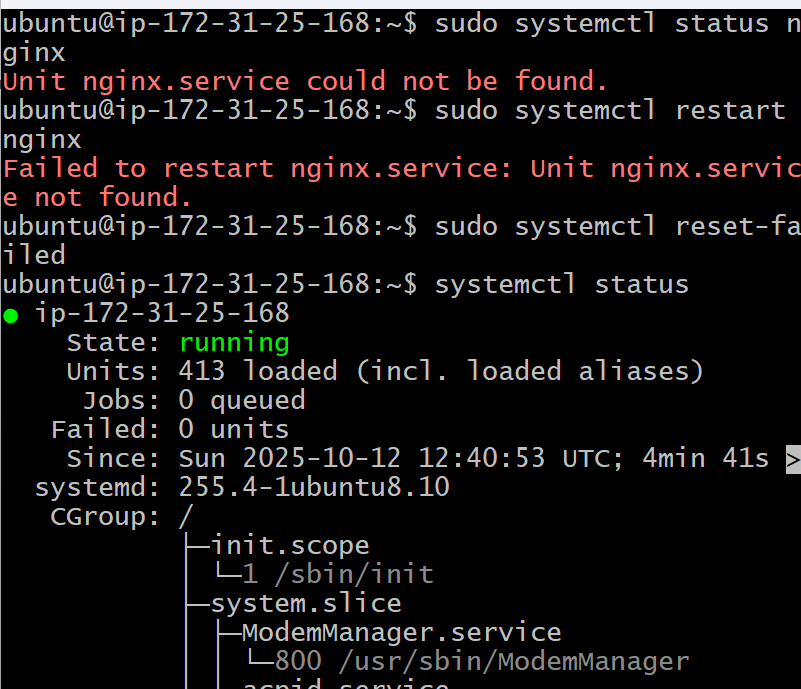
\*launch an instance in ec2 , using ami as ubuntu

\*adding security rules

\*enter install nginx script in additional pannel



\*now connect to instance using – pem key

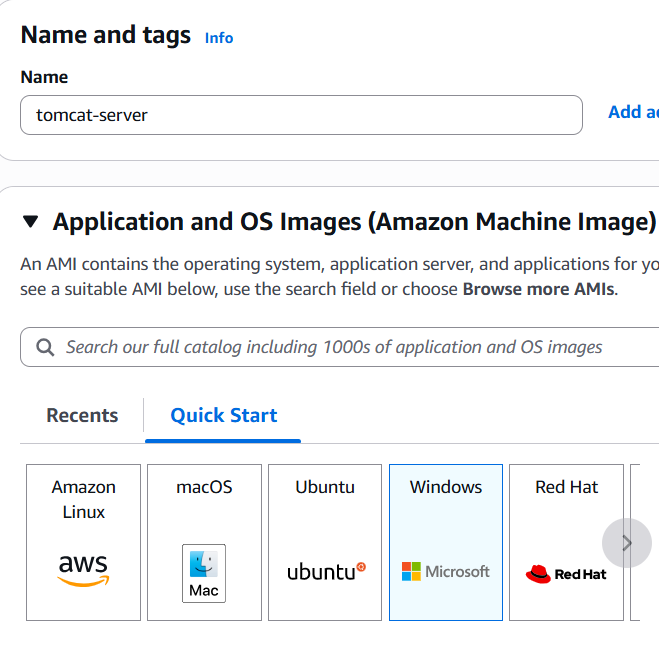


\*check= sudo systemctl status

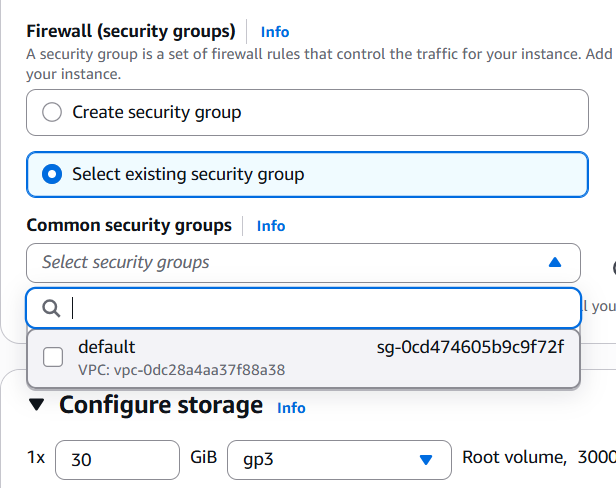
3. Launch one Windows server and install Tomcat on Windows.

\*launch an instance called tomcat-server

\*use windows

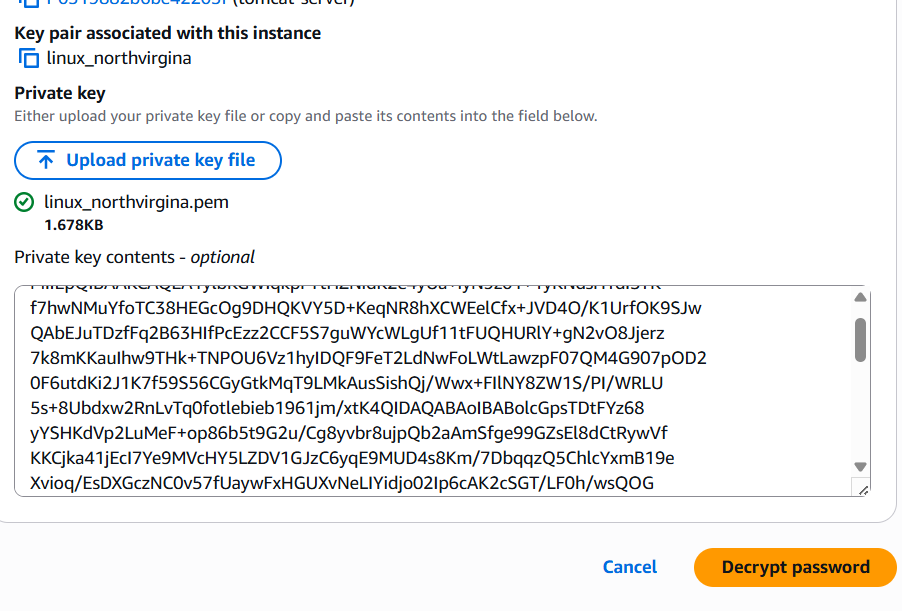


\*network settings



\*added install tomcat script

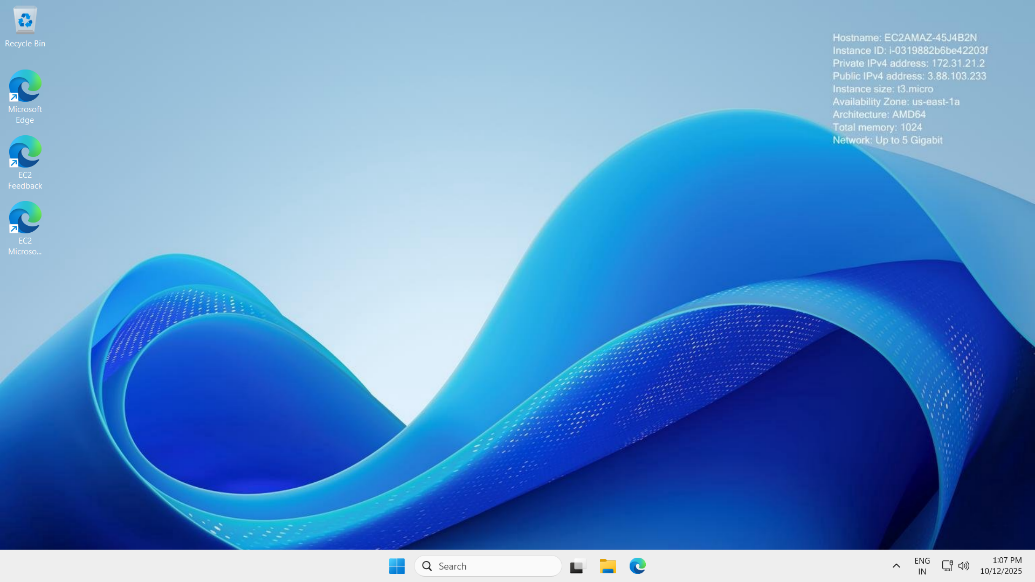
\*added pem.key file in rep endpoint

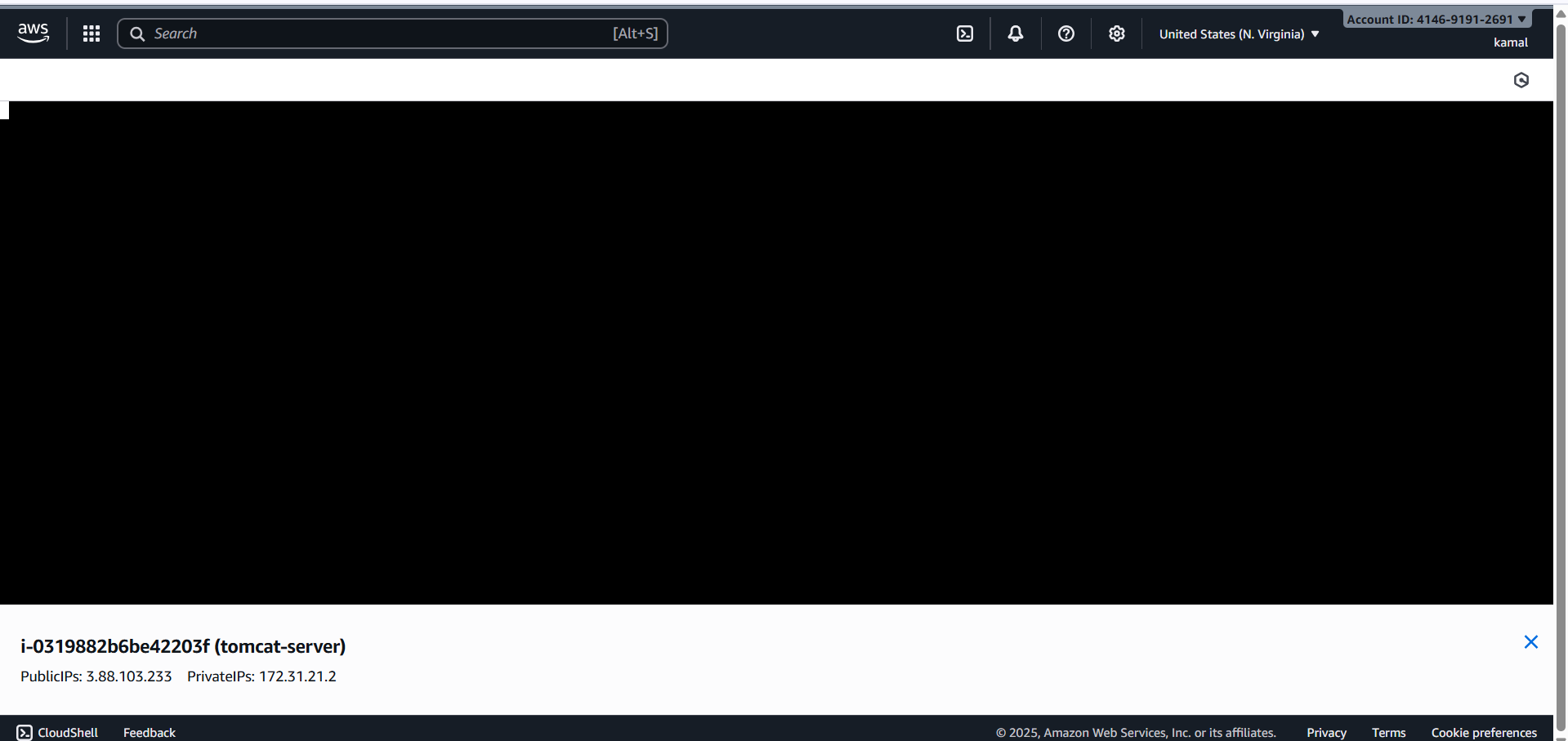


\*connect using RDP

\*upload pem.key

\*create password , for administrator



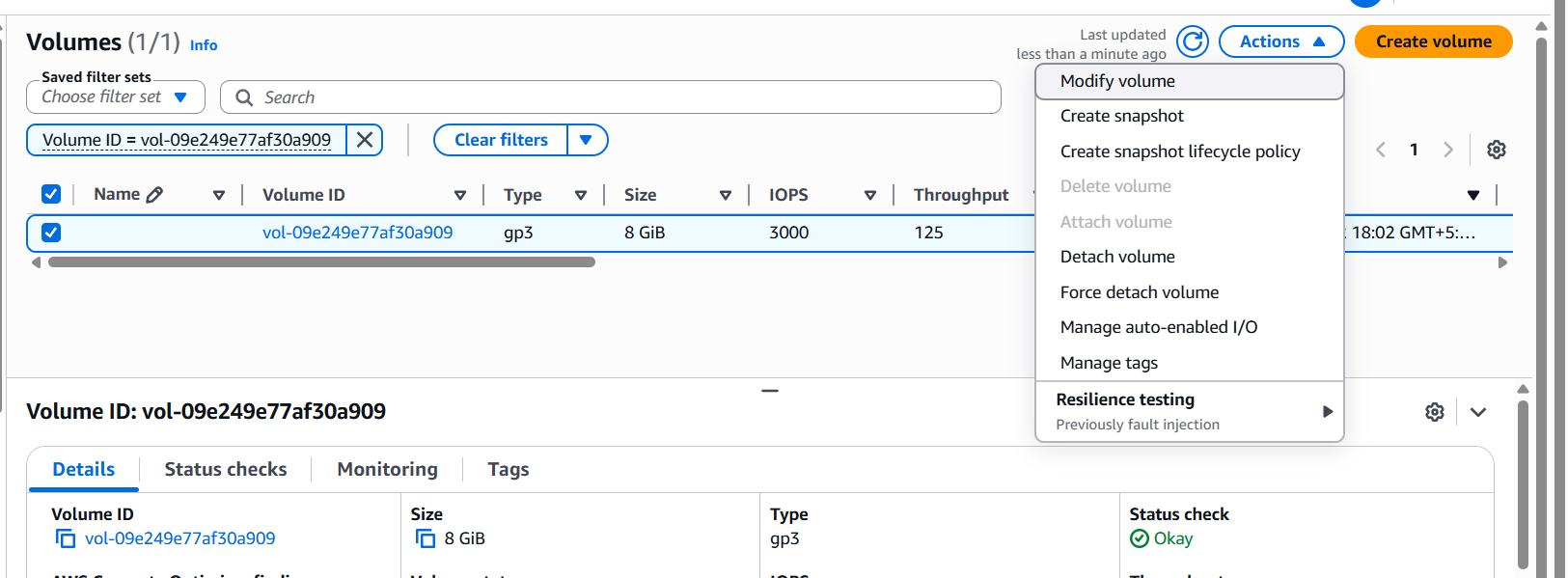


4. Take a snapshot of the instance created in Task 1.

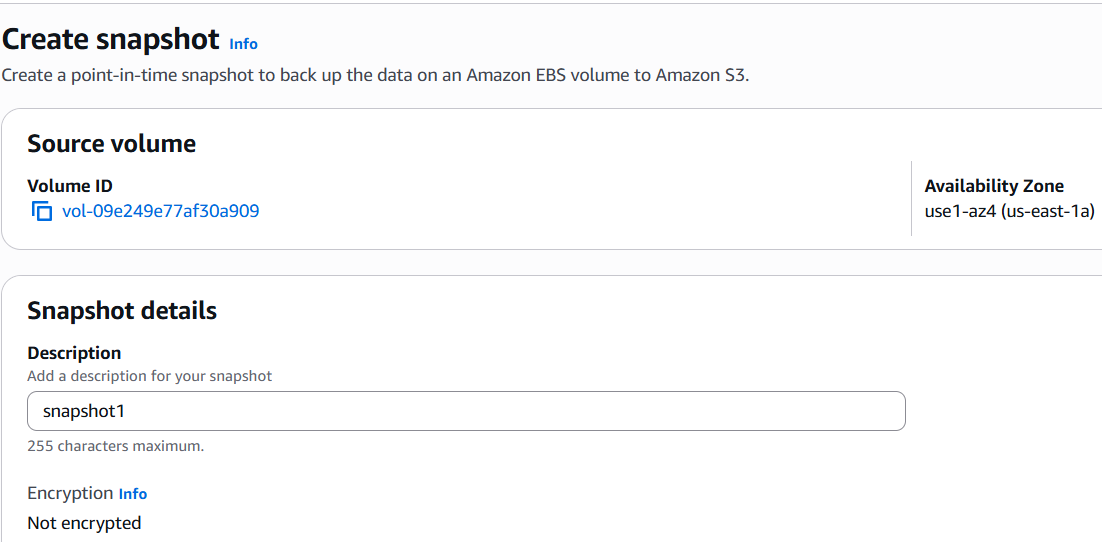
\*select the instance and go to storage coloumn

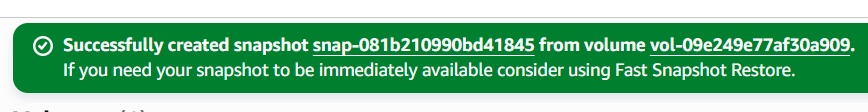
\*now select the volume and

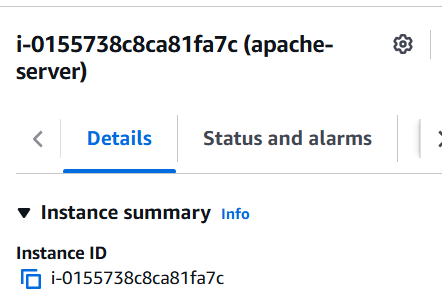
\*check the actions



\*create snapshot

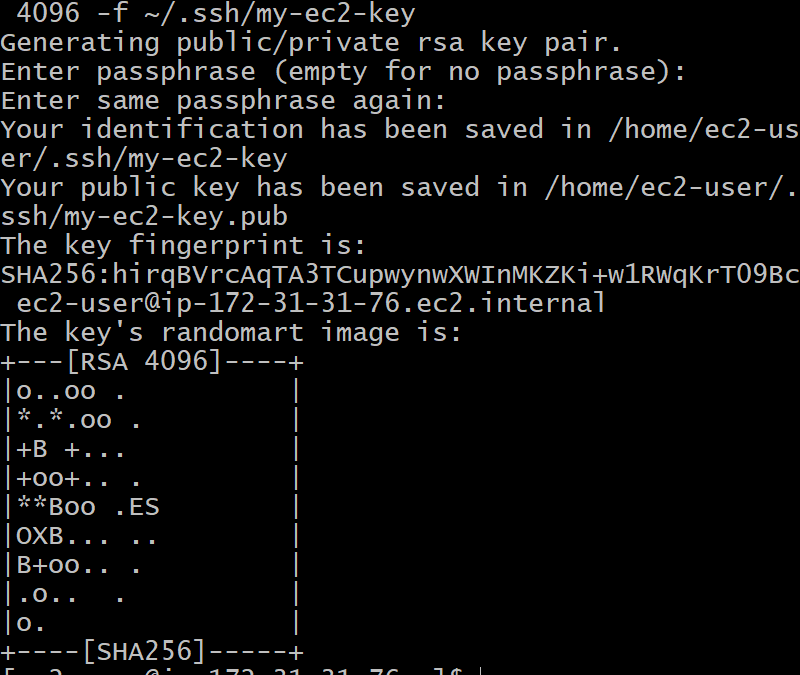




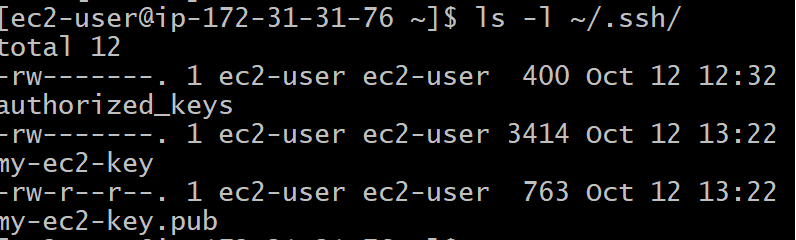
\*

5. Assign passwordless authentication for the EC2 created in Task 2.

\*ssh key-gen



\*list the keys created



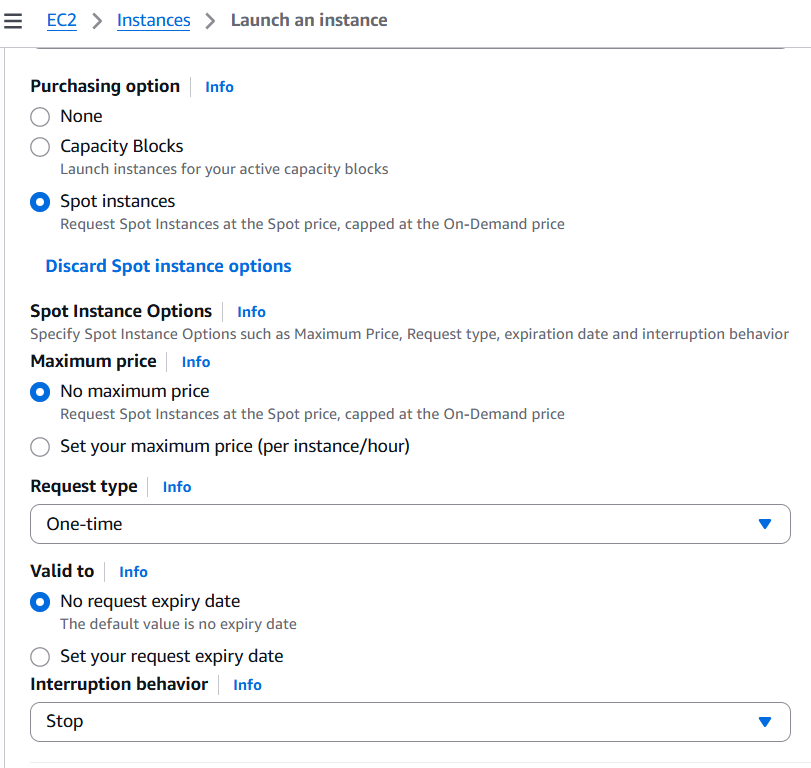
6. Launch any EC2 using the spot purchasing option.

\*add spot request in additional user

\*select maximum price

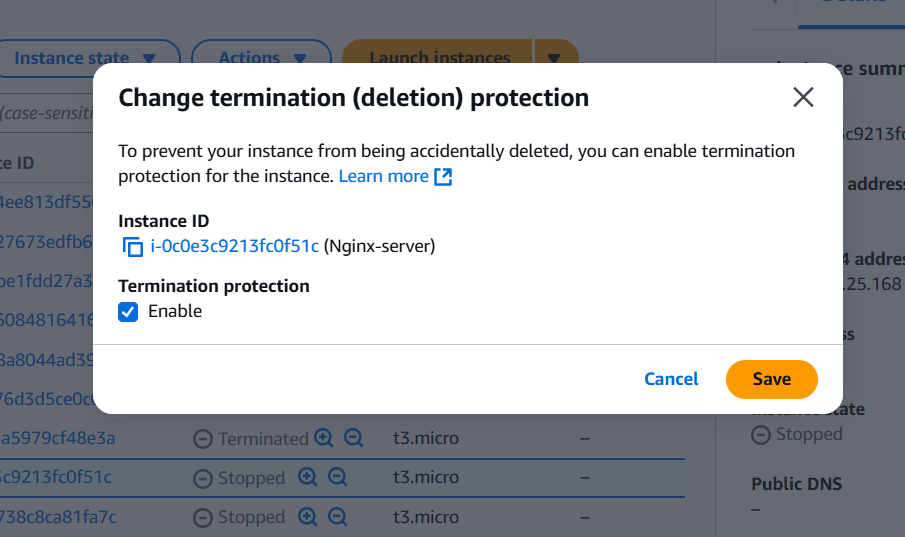
\*request type one-time

\*interruption behavious = terminate



\*instance launched succelsfully

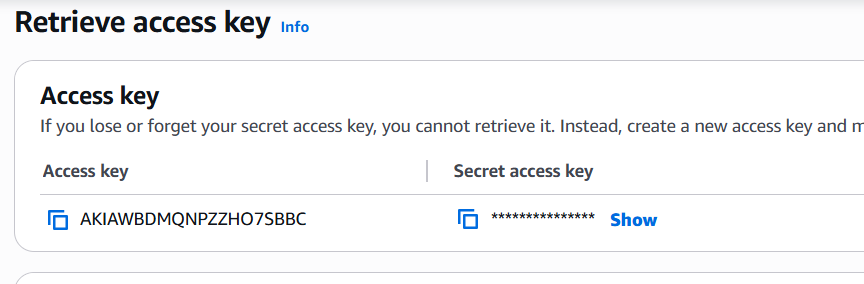
7. Enable termination policy on the EC2 created in Task 2.



8.Launch one EC2 using AWS CLI.

\*create a aws access key in GUI

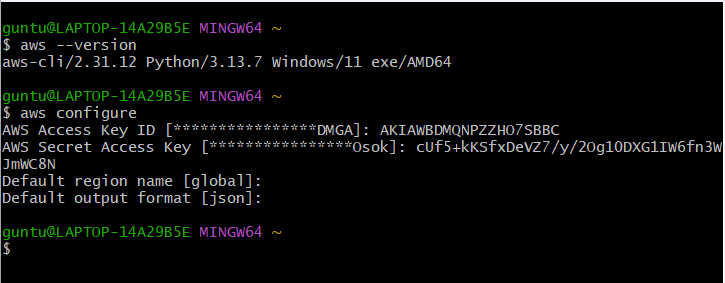
\*access key and password



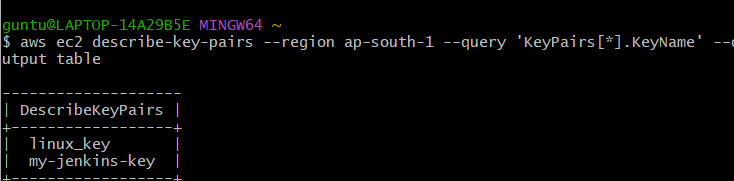
\*configure cli and gui

\*command = aws configure





\*list out the existing commands



\*run instance command

aws ec2 run-instances \

--region ap-south-1 \

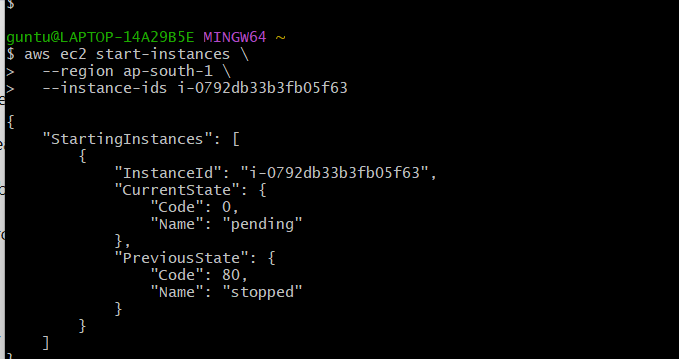
--image-id ami-0dee22c13ea7a9a67 \

--instance-type t2.micro \

--key-name linux\_key \

--count 1 \

--associate-public-ip-address



\*to verify

aws ec2 describe-instances \

--region ap-south-1 \

--query "Reservations[\*].Instances[\*].[InstanceId,State.Name,PublicIpAddress]" \

--output table

\*output

