⌘ RHEL GUI instance in cloud.

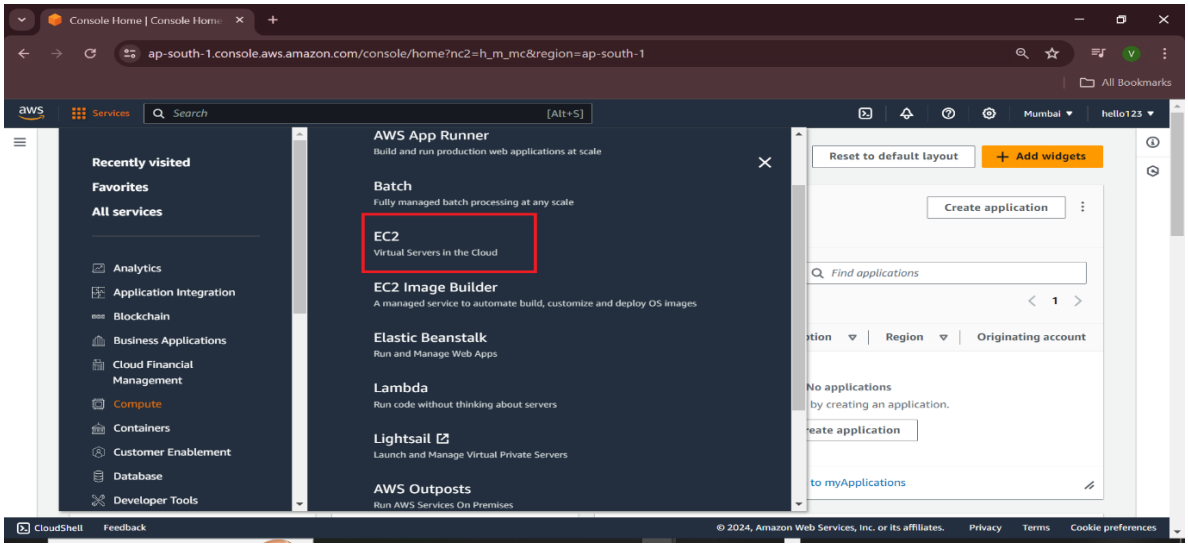
➢ Launching a RHEL Instance

1. Log in to AWS Management Console:

- Go to the AWS Management Console.
- Sign in with your AWS credentials

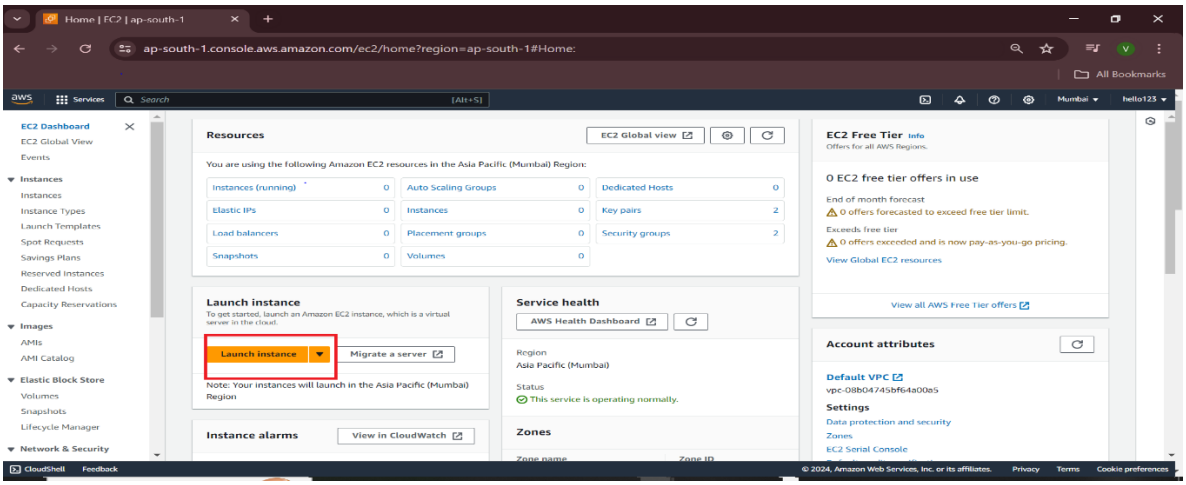
2. Open the EC2 Dashboard:

- In the Services menu, select EC2 under the "Compute" category.

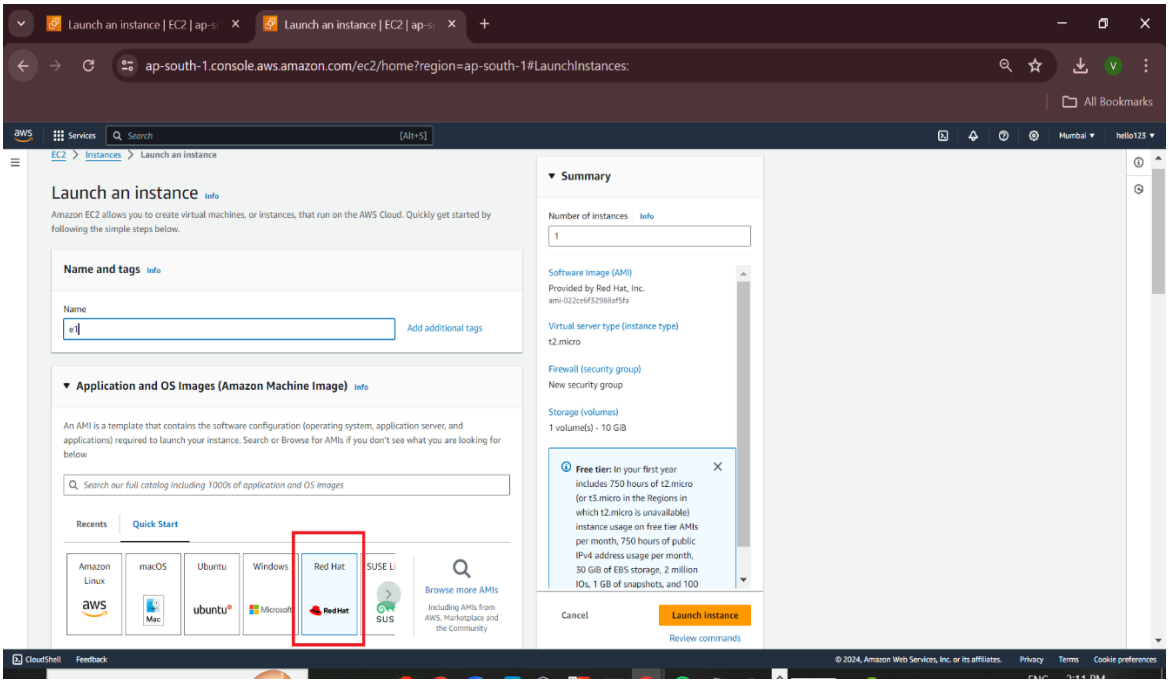


3. Launch an Instance:

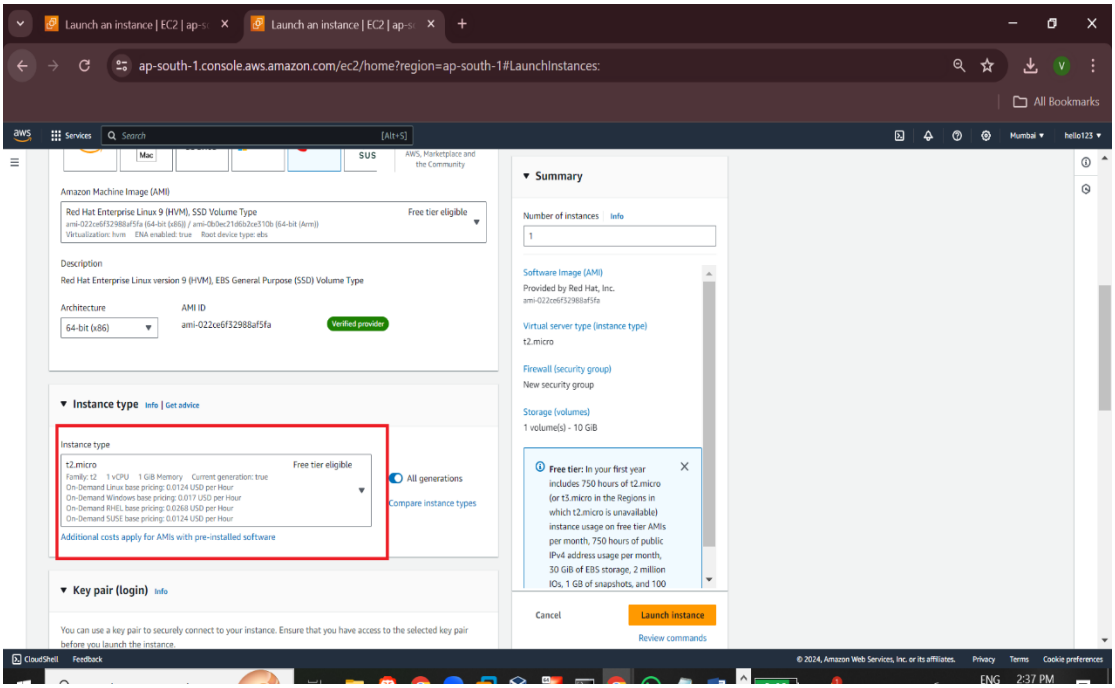
- Click the "Launch Instance" button.



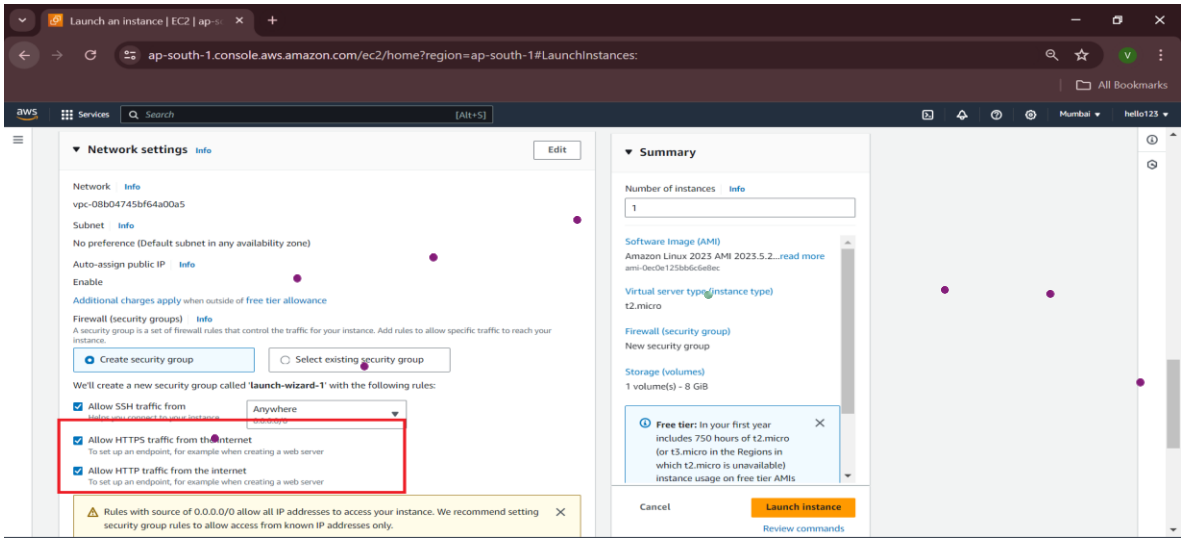
- Choose an Amazon Machine Image (AMI) from the list.
    - Search for "RHEL" in the search bar and select the desired version.



- Select an instance type (e.g., t2.micro for free tier eligibility).

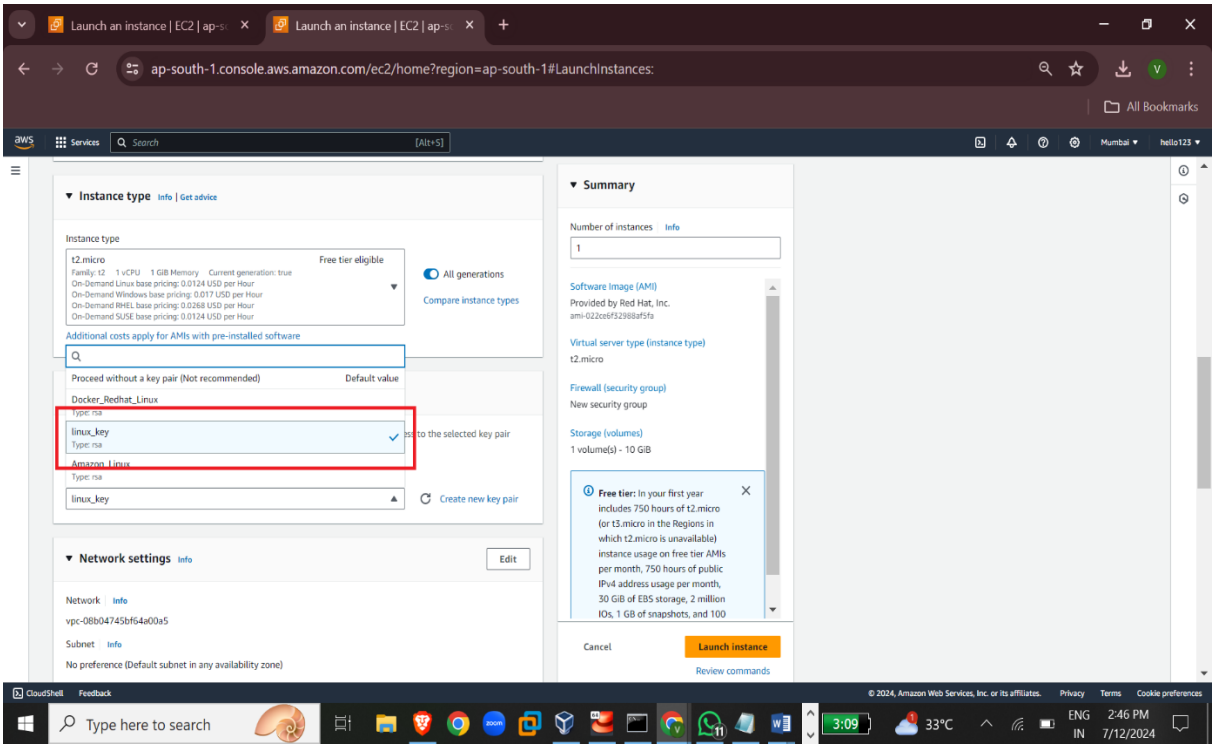


- Configure instance details, such as the number of instances, network settings, etc.

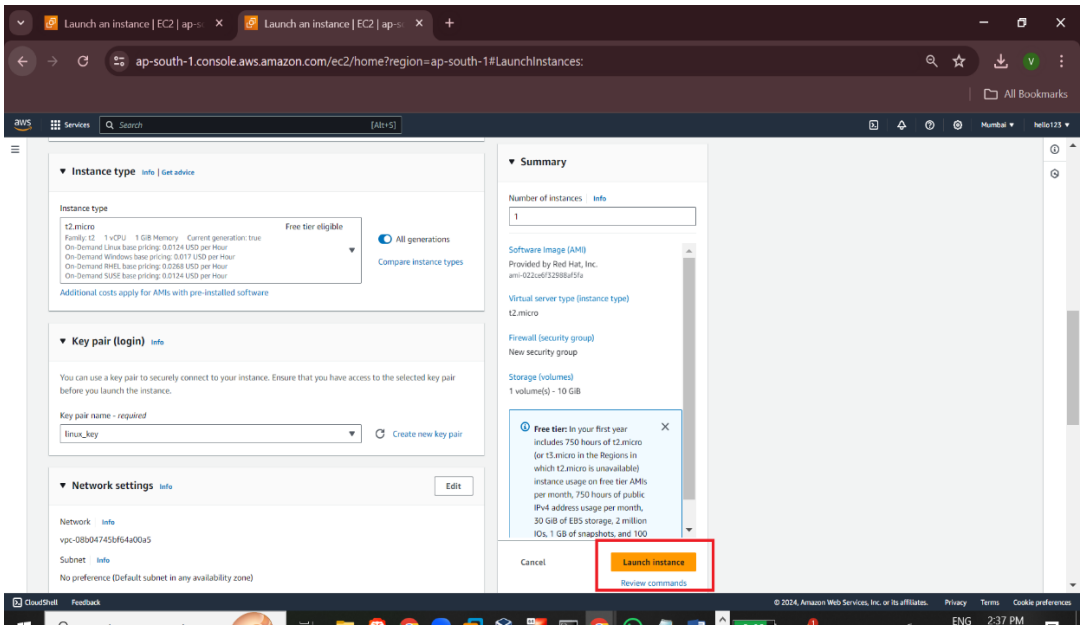


4. Review and Launch:

- Select an existing key pair or create a new one, then launch the instance



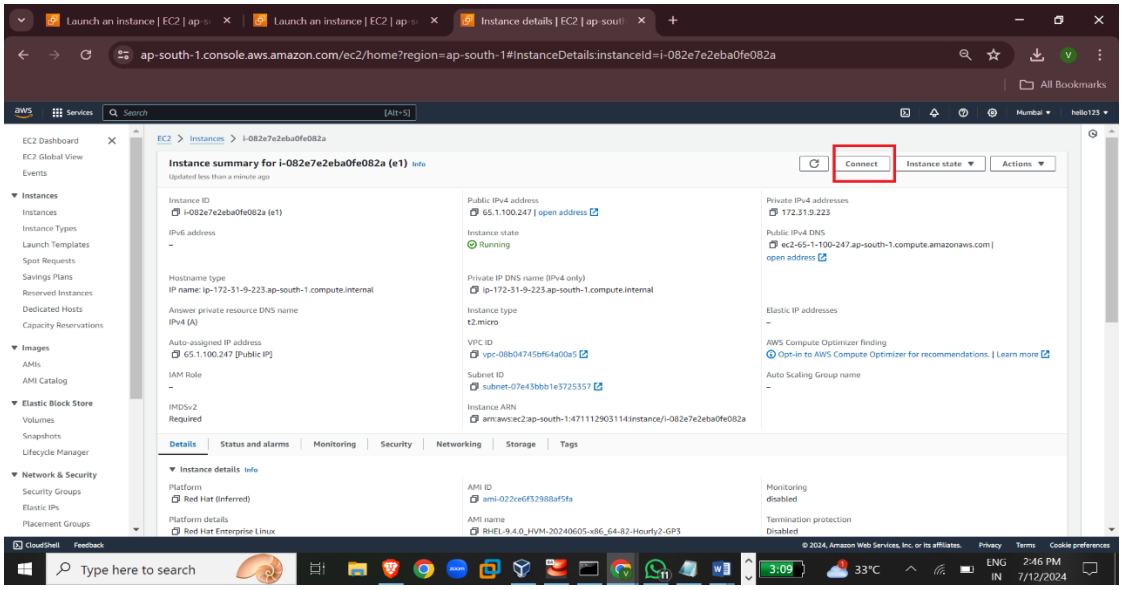
- Review the settings and click "Launch".



➢ Installing GUI on RHEL

1.Connect to Your Instance:

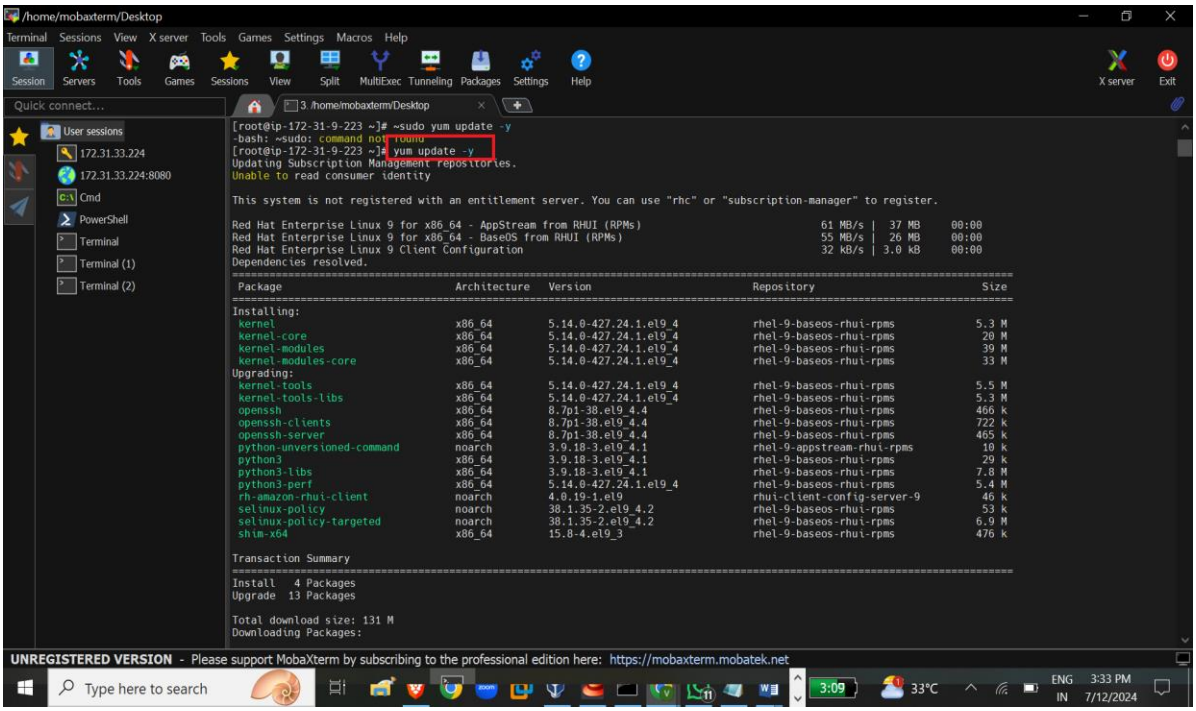
- Use an SSH client to connect to your RHEL instance.



- **Command:** ssh -i "linux_key.pem" ec2-user@ec2-65-1-100-247.ap-south-1.compute.amazonaws.com

2.Update the System:

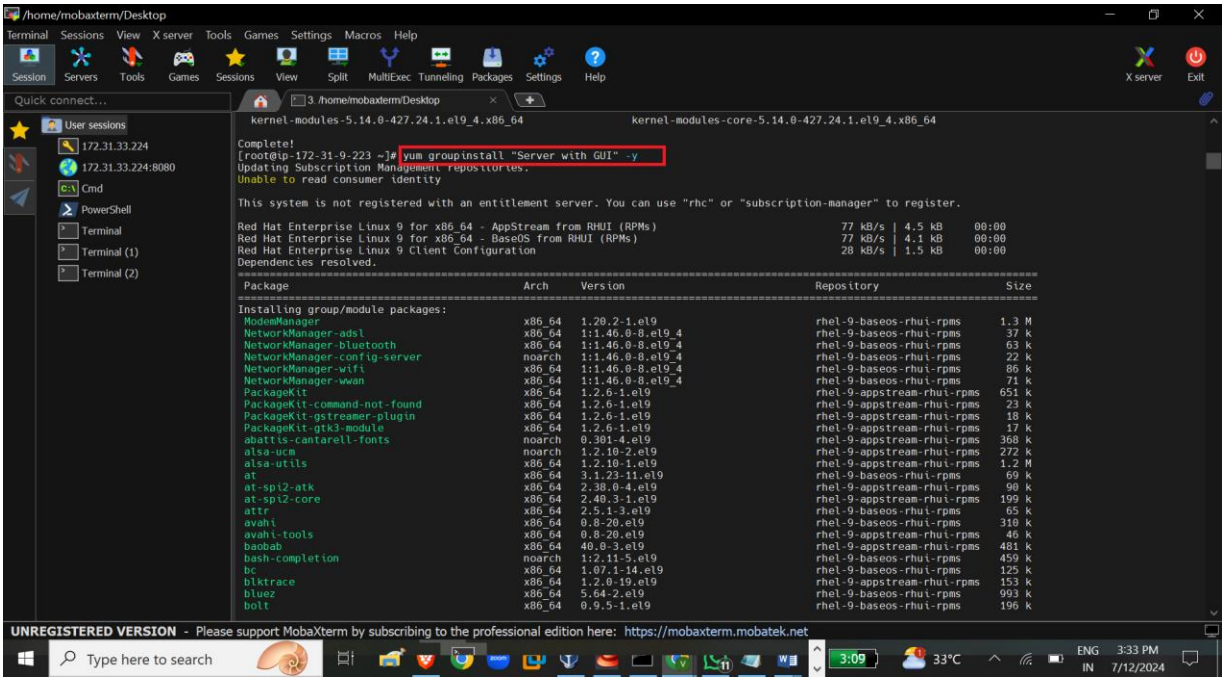
Command: sudo yum update -y



3. **Install GUI Packages:**

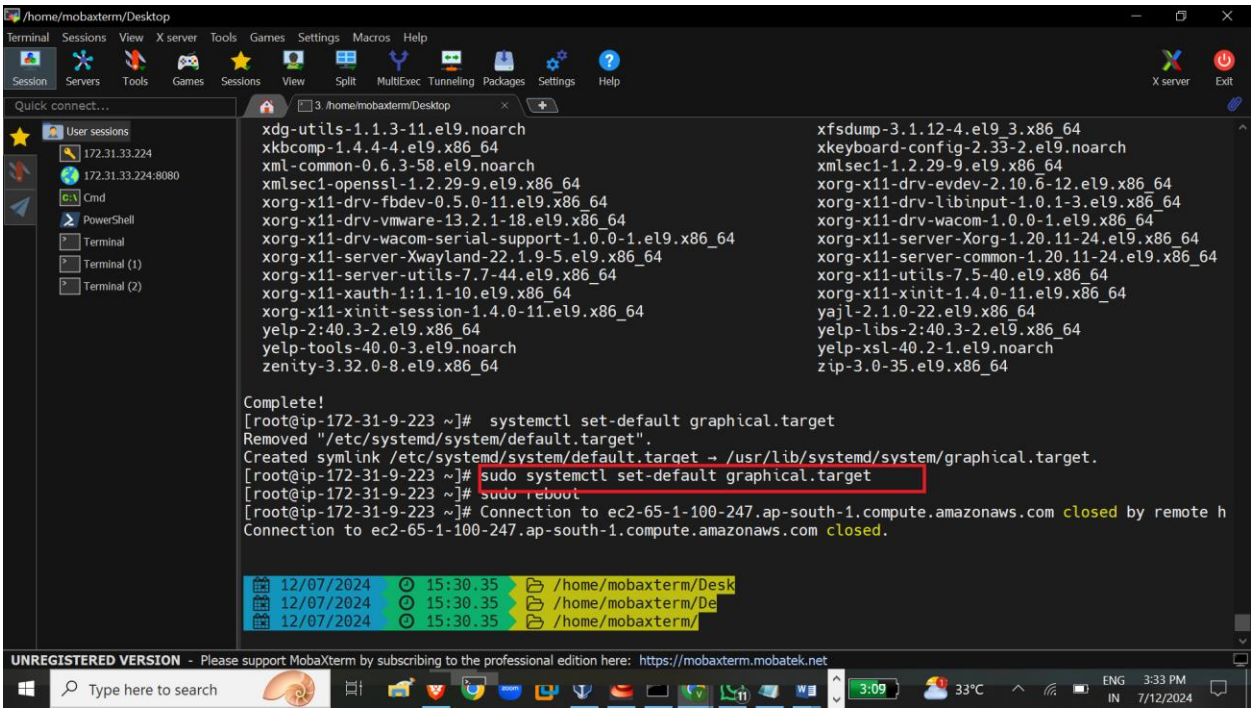
- Install the GNOME desktop environment:

Command: sudo yum groupinstall "Server with GUI" -y



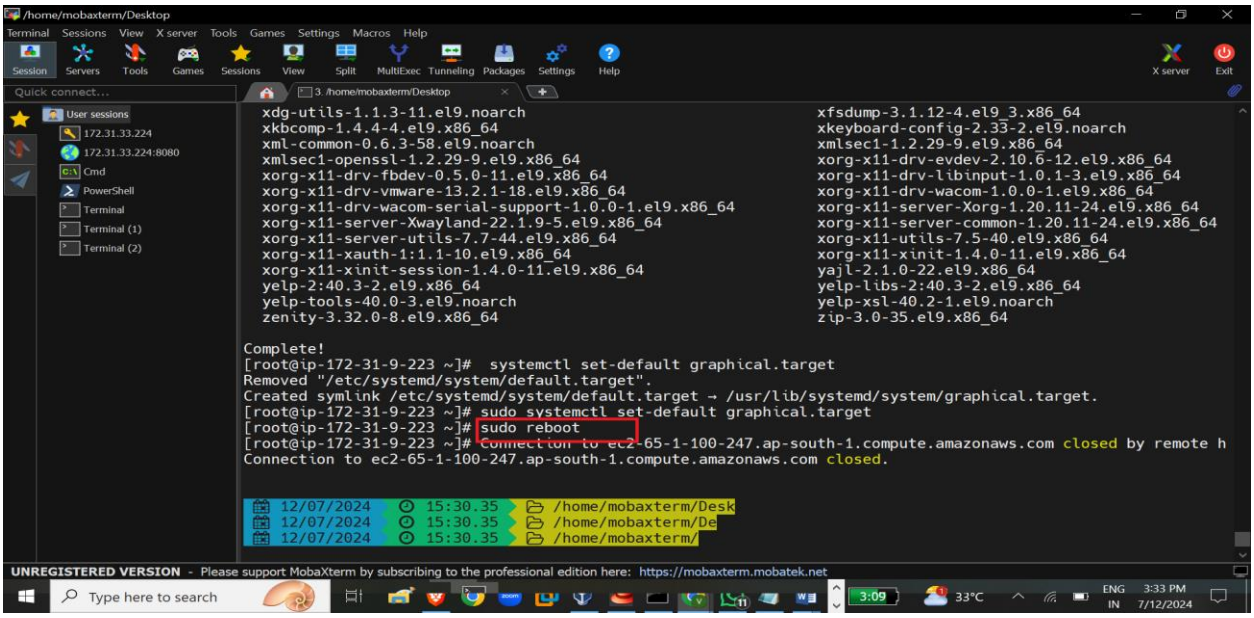
4. Set the Default Target to Graphical:

Command: sudo systemctl set-default graphical.target



5.Reboot the Instance:

Comman: sudo reboot



6.Verify GUI Installation:

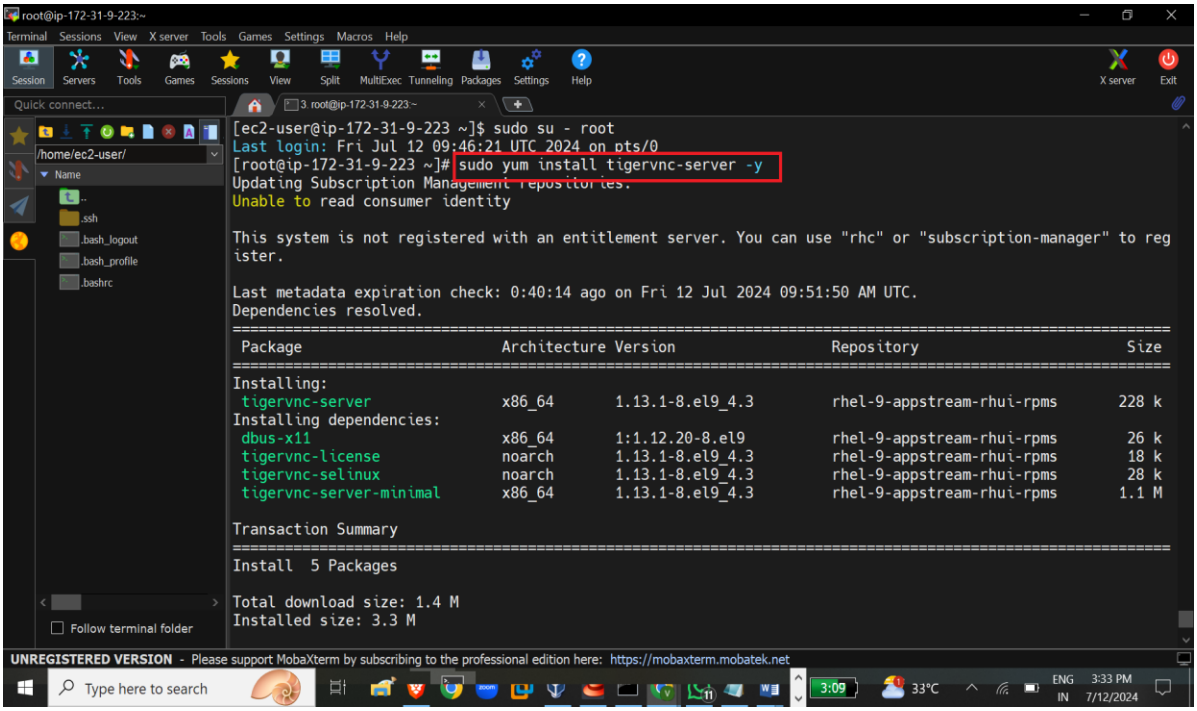
- After the reboot, the system should boot into the GNOME graphical interface.

➢Installing GUI on RHEL

1.Install and Configure a VNC Server (optional for remote GUI access):

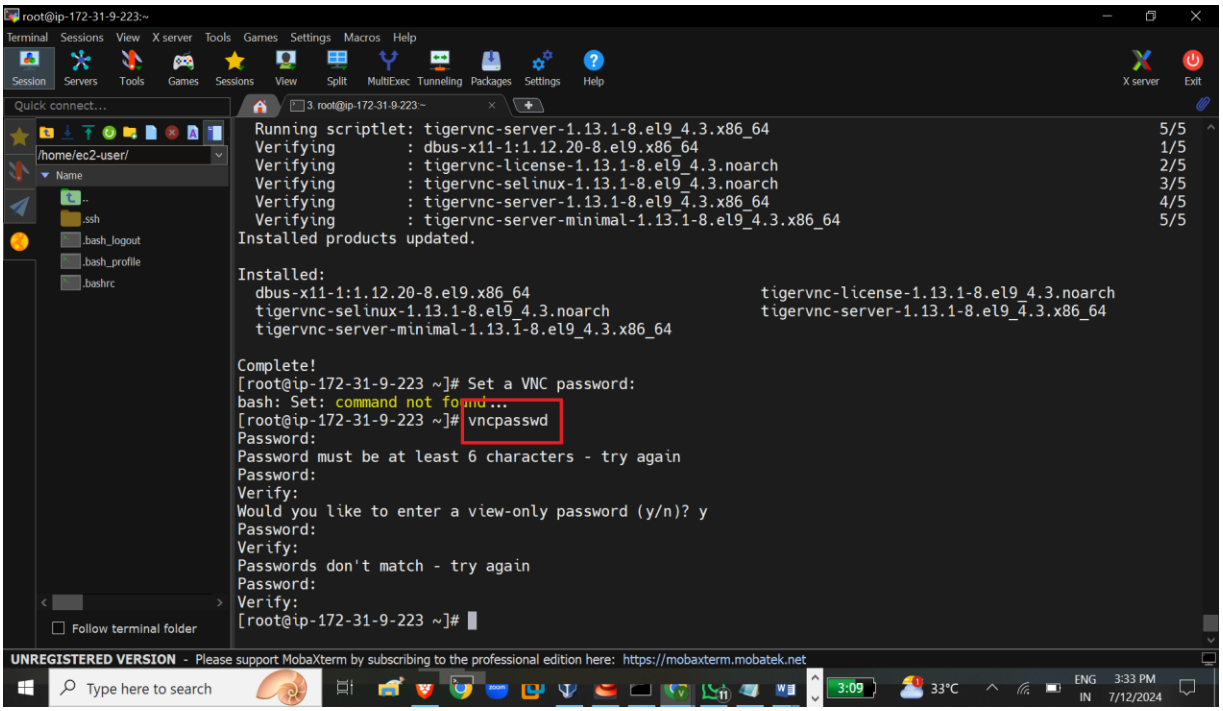
- Install the TigerVNC server:

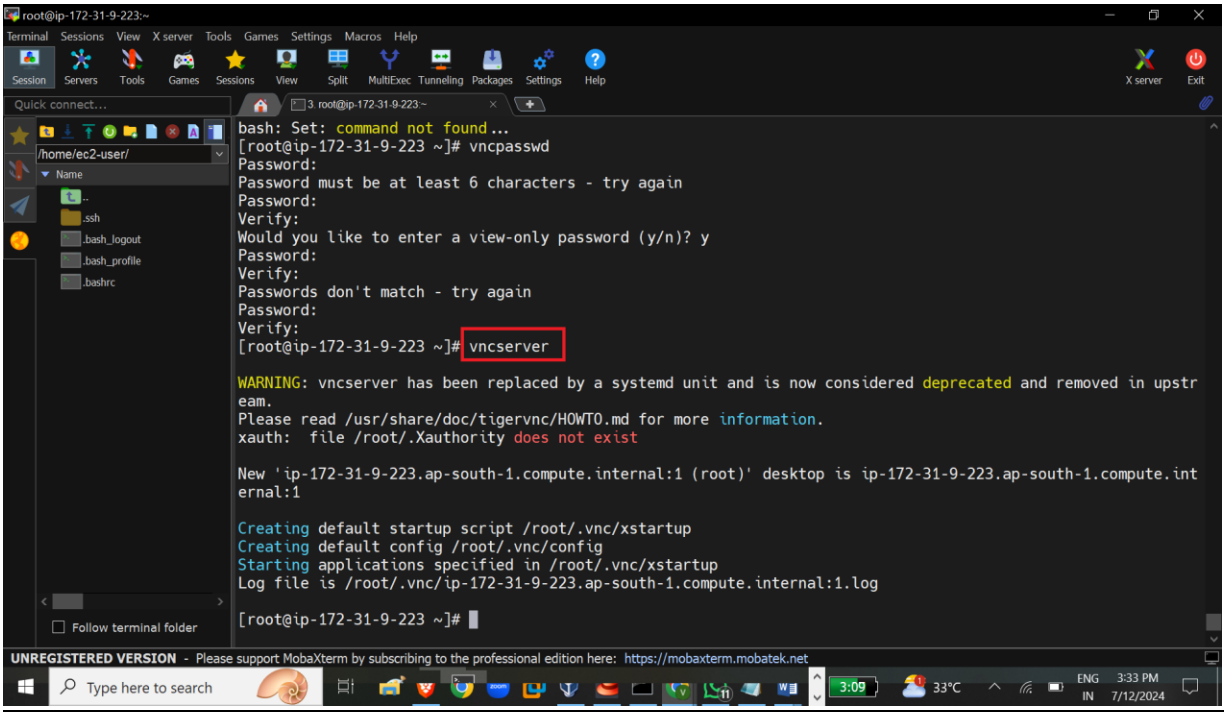
Command: sudo yum install tigervnc-server -y



2.Set a VNC password:

command: vncpasswd



3. Start the VNC server:

Command: vncserver