

Aim: - Create AWS EC2 instance (Ubuntu). Install Nginx and pass arguments to command line. Use command echo and curl.

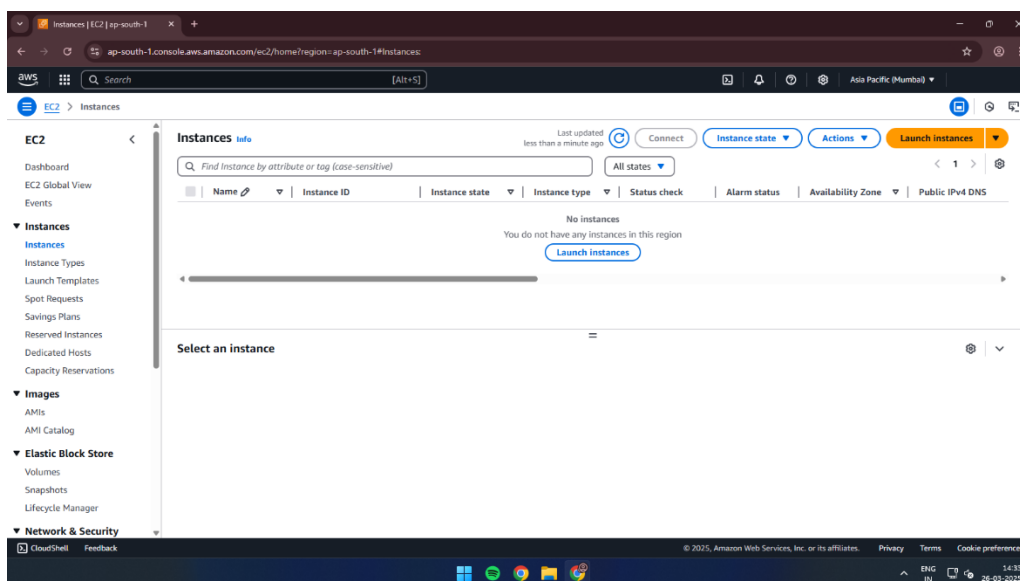
Theory: -

Amazon Elastic Compute Cloud (EC2) is a web service that provides scalable computing capacity in the cloud. It allows users to launch virtual machines (instances) with various operating systems, including Ubuntu, and scale them based on demand.

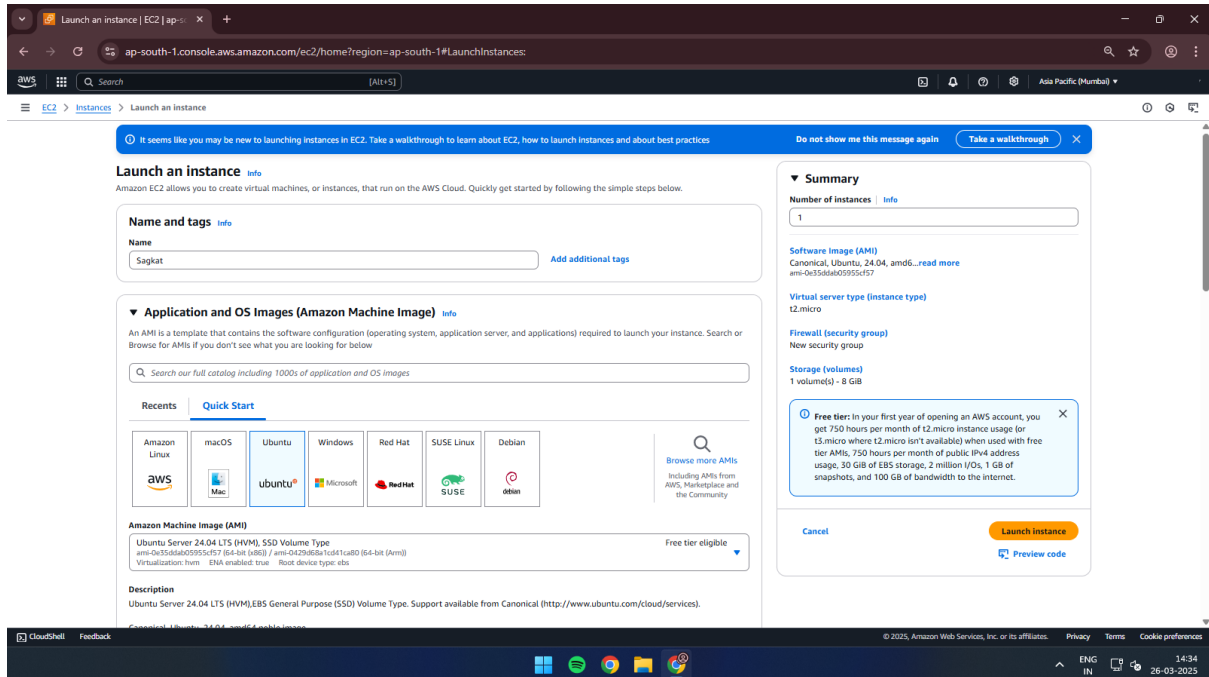
- **sudo -i:** Switches to the root user with a login shell.
- **apt-get update:** Updates the package lists from repositories.
- **nginx -t:** Tests the Nginx configuration for syntax errors.
- **apt-get install nginx:** Installs the Nginx web server.
- **service nginx status:** Checks the status of the Nginx service.
- **curl localhost:** Sends an HTTP request to the local server and displays the response.
- **echo:** Prints text or variables to the terminal.

Performance Screenshot: -

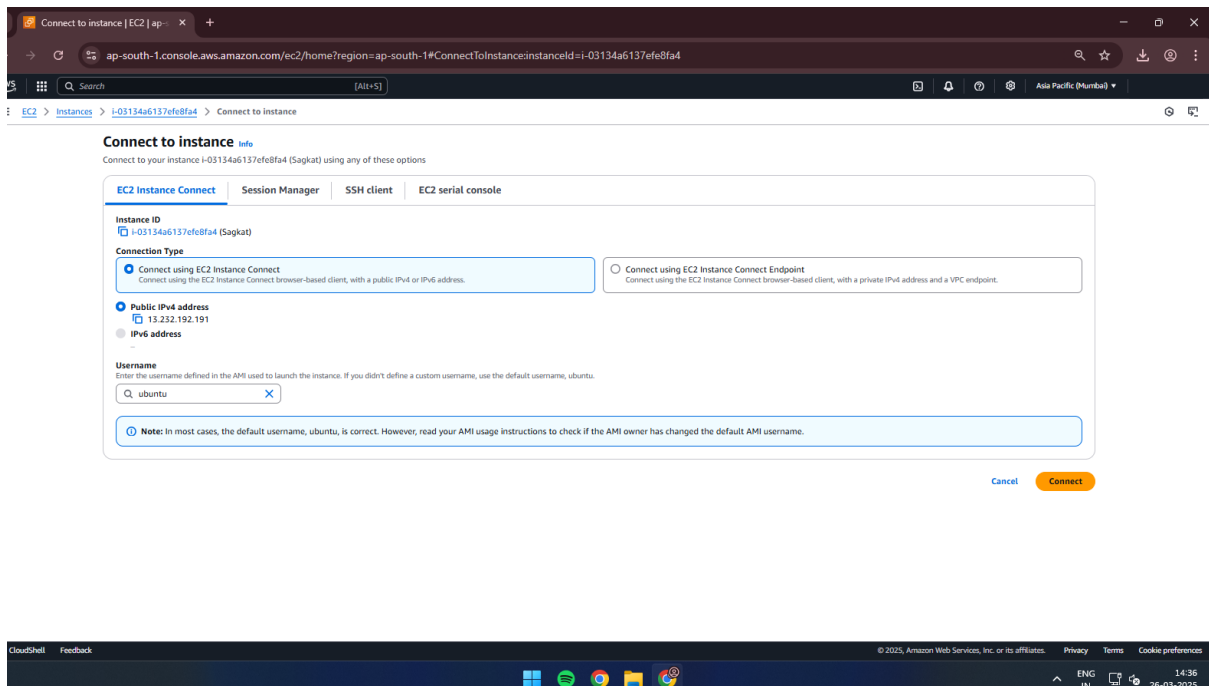
Step 1: - Open AWS and go to EC2 Instance



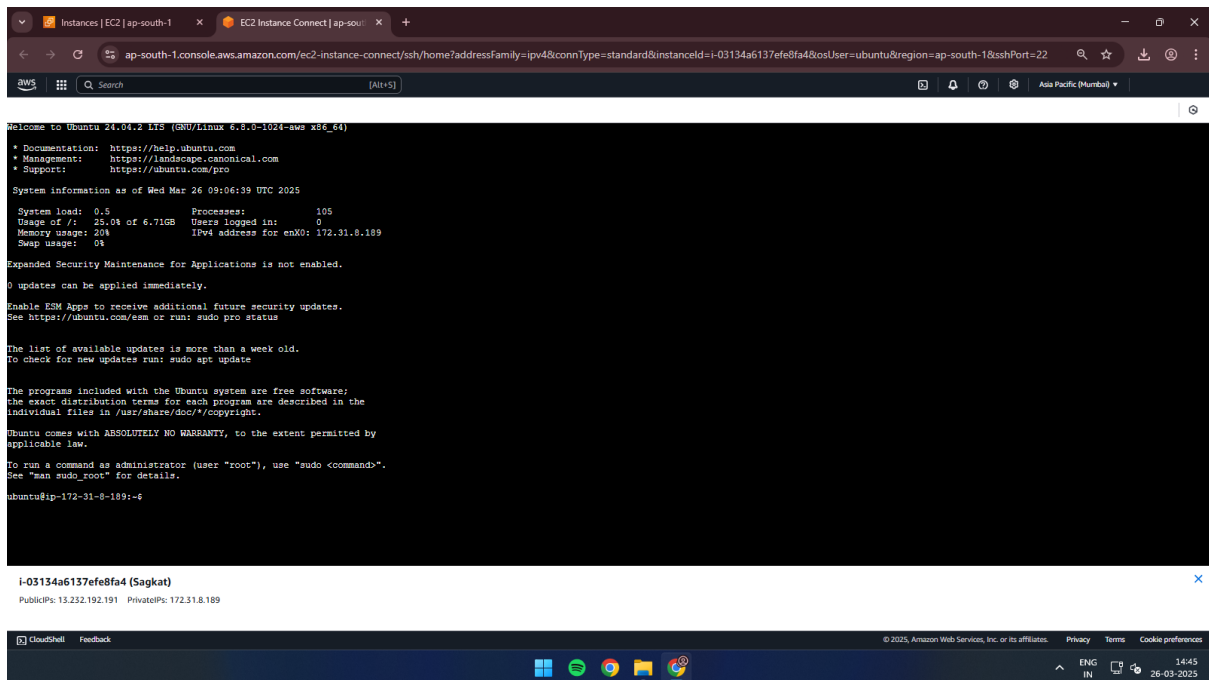
Step 2: - Create an Instance and select os



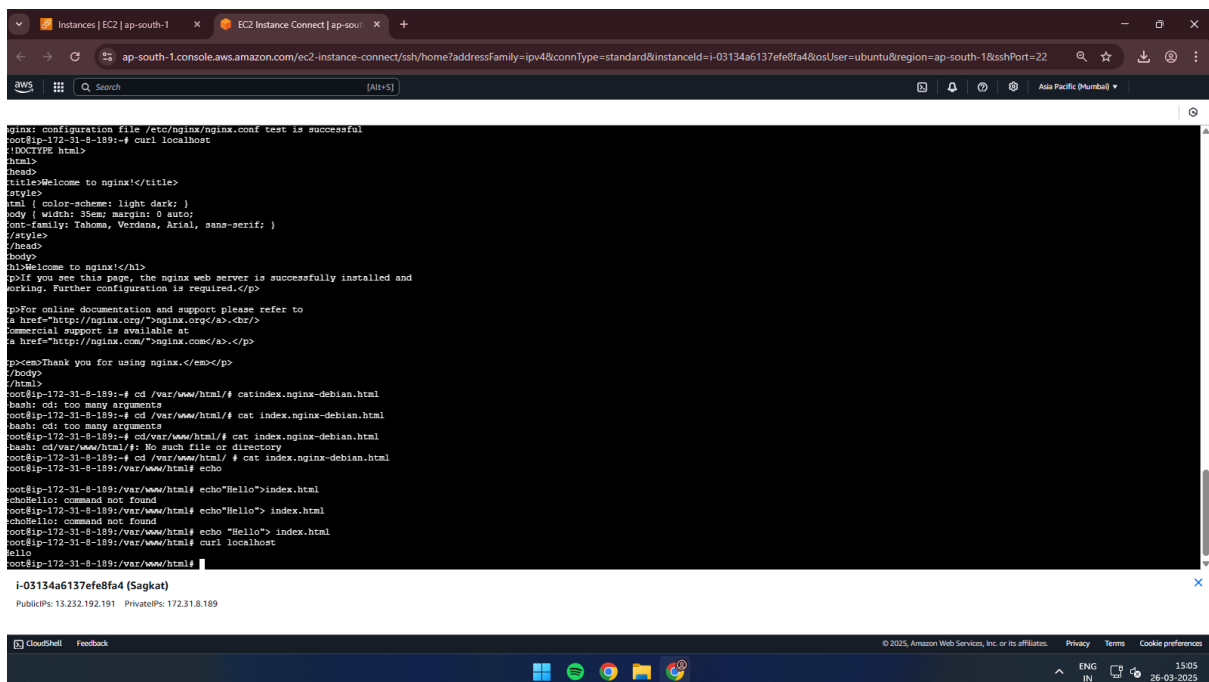
Step 3: - Connect the instance



Step 4: - After connecting command page will open.



Step 5: -Run the commands and get the output



Conclusion: In this practical, we successfully created an AWS EC2 instance with Ubuntu, installed Nginx, and passed arguments via the command line. We verified the setup using echo and tested the server's response with curl, confirming proper deployment.