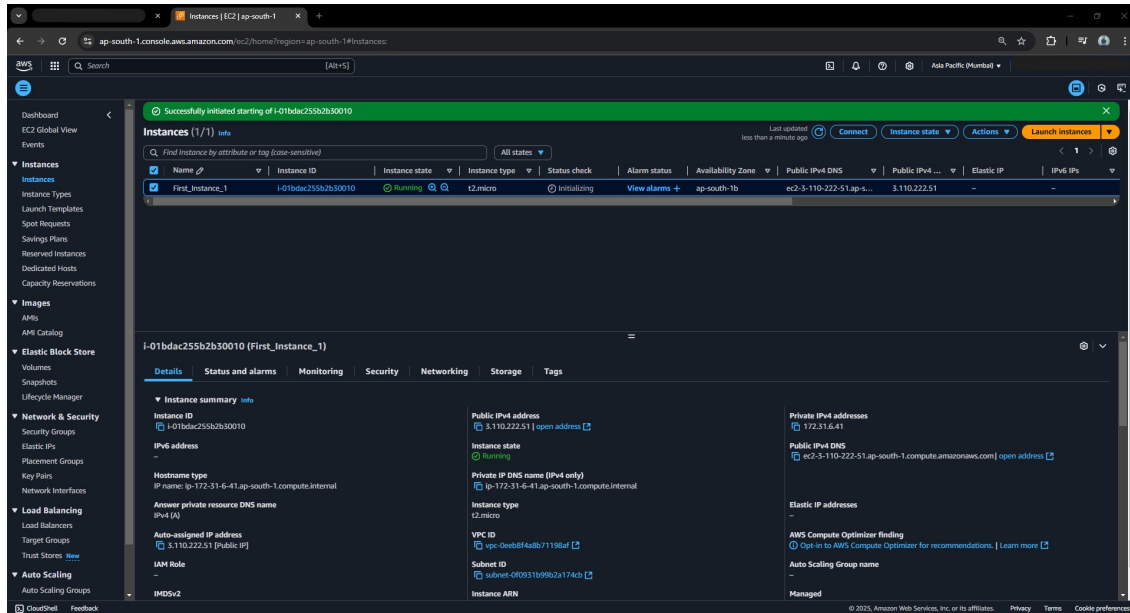


How to connect to an EC2 Instance:

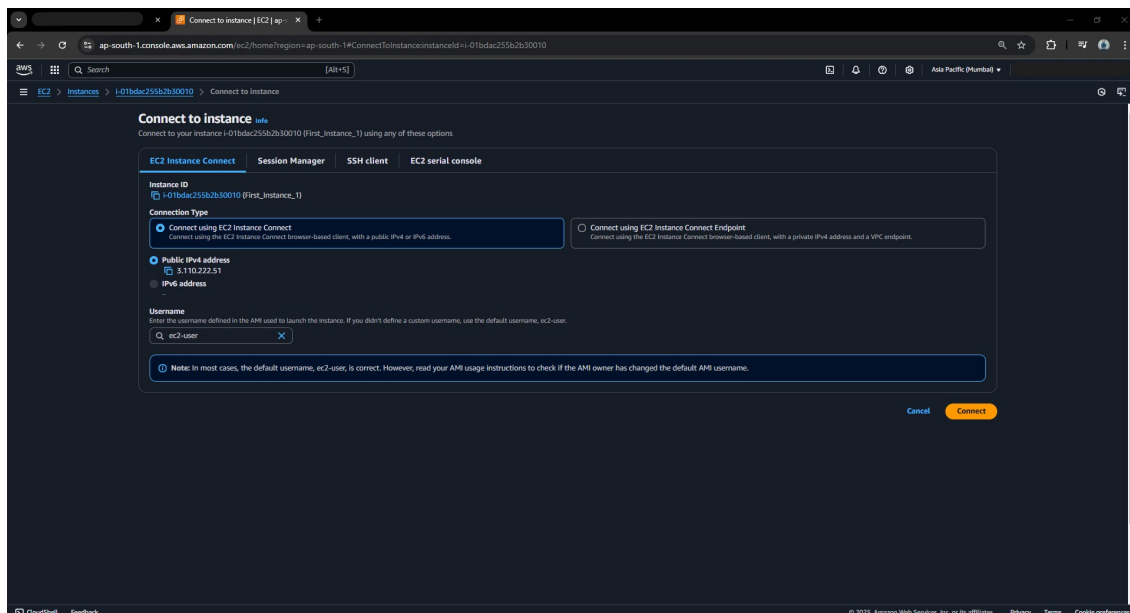
1. EC2 Instance Connect:

Securely connect to your Amazon EC2 instances directly from the AWS Management Console using a web browser-based terminal.

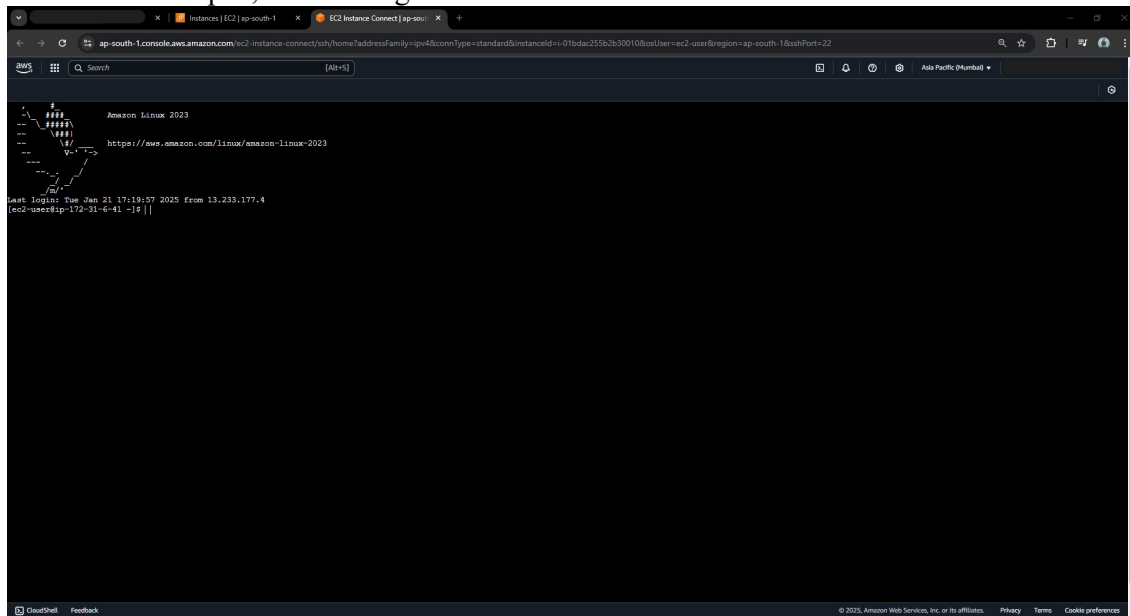
- Open the EC2 dashboard in the AWS Management Console, select your instance, and start it. Wait until the instance status changes to "running."



- Select **EC2 Instance Connect**, then choose **Connect using EC2 Instance Connect**. The username should be **ec2-user**. Click on **Connect**.



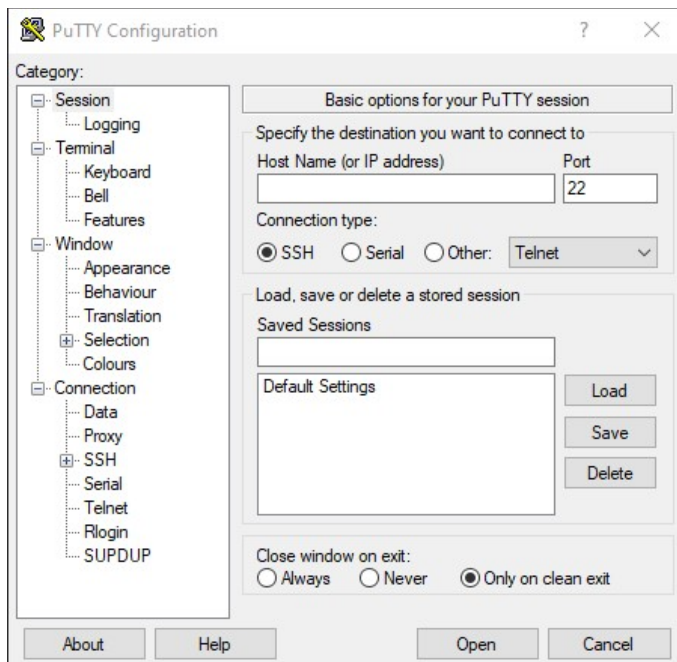
- A new tab will open, establishing a connection to the instance.



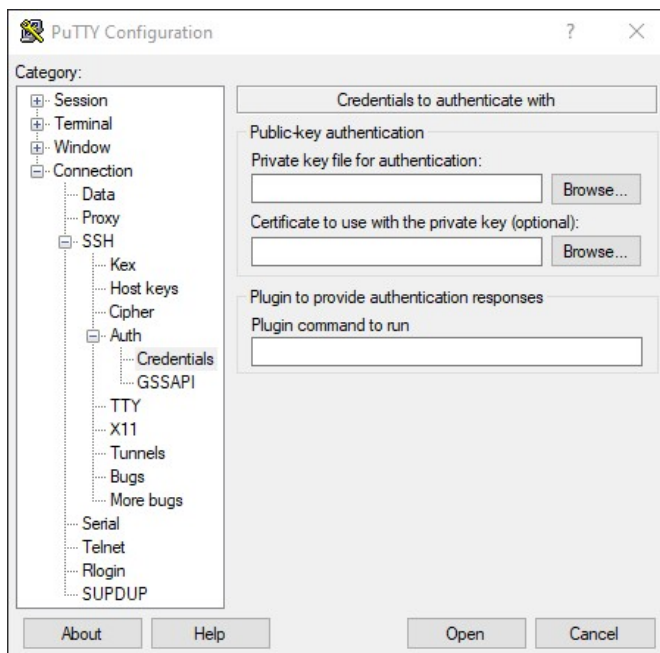
2. PuTTY: SSH

SSH allows you to control and connect to a remote machine using the command line. We will use PuTTY for SSH access. If you have downloaded the .pem file for the key, use PuTTYGen to convert it into a .ppk file.

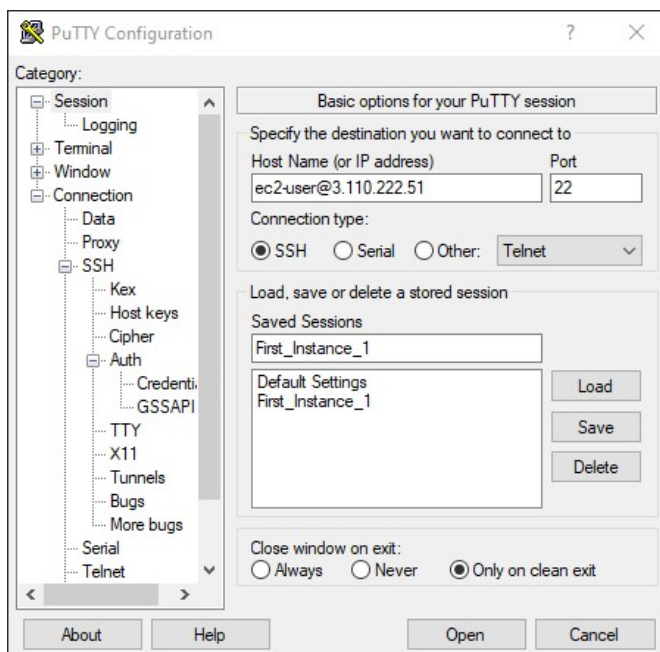
- Open PuTTY.



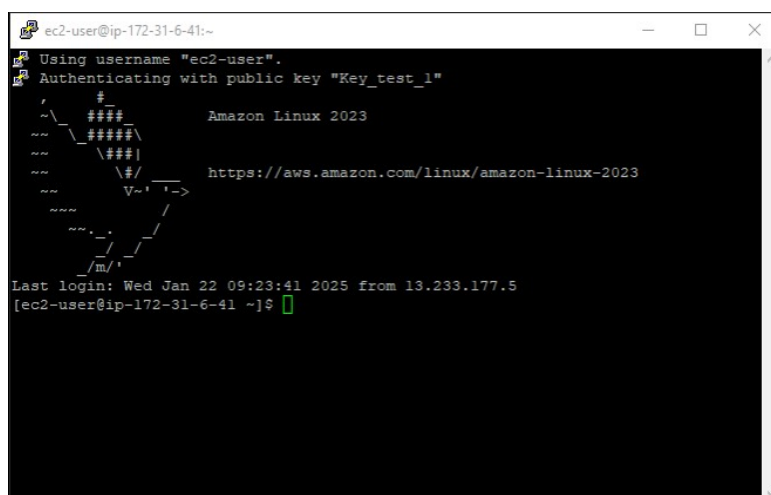
- Enter the hostname as ec2-user@<IP address> (e.g., ec2-user@3.110.222.51), and name the session.
- In the PuTTY configuration, go to Connection > SSH > Auth > Credentials. Then browse to select the .ppk file for Private key file for authentication.



- Go to Session, name the session, and save it. Then, click Open.



- A new tab will open, establishing a connection to the EC2 instance.



SSH allows you to control and connect to a remote machine directly from Windows using the command line.

- This command specifies that you want to connect to the given IP using the `ec2-user` and the provided key for authentication.

[illegible]