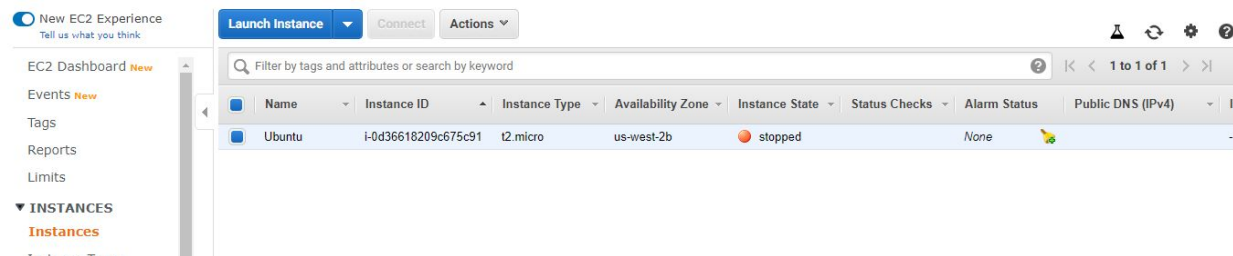


Security Groups in AWS

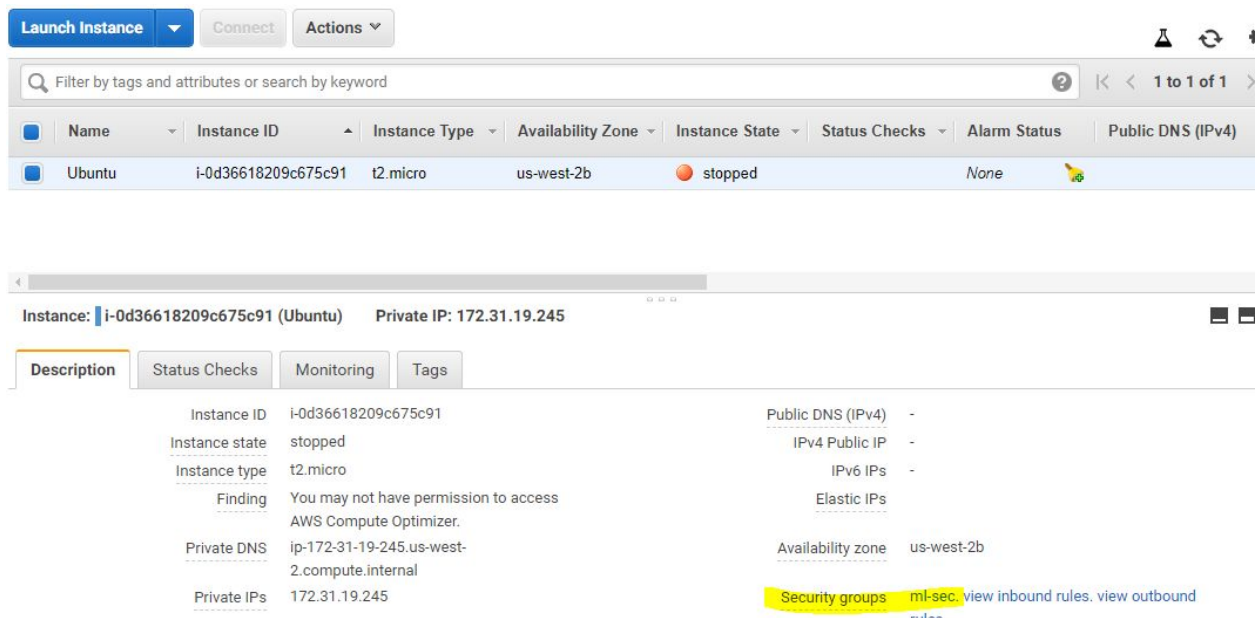
Suppose you want to access an EC2 instance after a few days or shut off the laptop/system and start again.

As of now, you all are aware that your laptop IP address is dynamic and it changes when you shut off the laptop and start again.



Please remember to set your **Security Group Inbound Rule to MyIP each time you start your EC2 instance**. There should be only one row in your inbound rules.

Edit the inbound rules: scroll down and click to security group name - **ml sec**



1. Click on **Inbound rules** tab > click on **Edit inbound rules**

EC2 > Security Groups

Security Groups (1/1) [Info](#)

< 1 > [Settings](#)

Security group ID: sg-0aad01e7e65d302dd [X](#) [Clear filters](#)

<input checked="" type="checkbox"/>	Security group ID	Security group name	VPC ID	Description	Owner
<input checked="" type="checkbox"/>	sg-0aad01e7e65d302dd	ml-sec	vpc-c06ed7b8 Link	ml-sec-group	1828462264

sg-0aad01e7e65d302dd - ml-sec

[Details](#) **[Inbound rules](#)** [Outbound rules](#) [Tags](#)

Inbound rules [Edit inbound rules](#)

2. Again click on My IP and **Save rules**. Verify that the IP is changed.

Inbound rules [Info](#)

Type Info	Protocol Info	Port range Info	Source Info	Description - optional Info	
SSH	TCP	22	My IP X		Delete
<div>103.211.15.40/32 X</div>					

[Add rule](#)

NOTE: Any edits made on existing rules will result in the edited rule being deleted and a new rule created with the new details. This will cause traffic that depends on that rule to be dropped for a very brief period of time until the new rule can be created.

[Cancel](#) [Preview changes](#) **[Save rules](#)**

3. Verify with the link below.

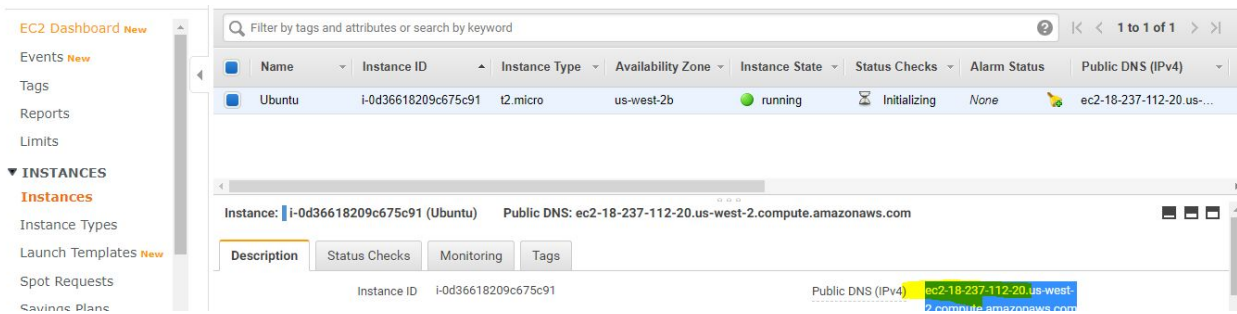
<https://www.ip2location.com/>

Learn more about your Internet traffics

Your IP Address 103.211.15.40	ISP Jain Net Services		
Country India	Coordinates 28.66667, 77.21667	Time Zone +05:30	<div> Try IP2Location Demo <div style="border: 1px solid #ccc; padding: 5px; display: inline-block;">103.211.15.40</div> <div style="background-color: #007bff; color: white; padding: 5px 10px; margin-left: 5px;">LOOK UP</div> </div> <p style="font-size: 0.8em; margin-top: 5px;">Try out the demo to get the comprehensive geolocation data of an IP address. Supports both IPv4 and IPv6 address lookup.</p>
Region Delhi	Usage Type ISP	Net Speed DSL	
City Delhi	Domain exritel.com	IDD & Area Code +9111 011	

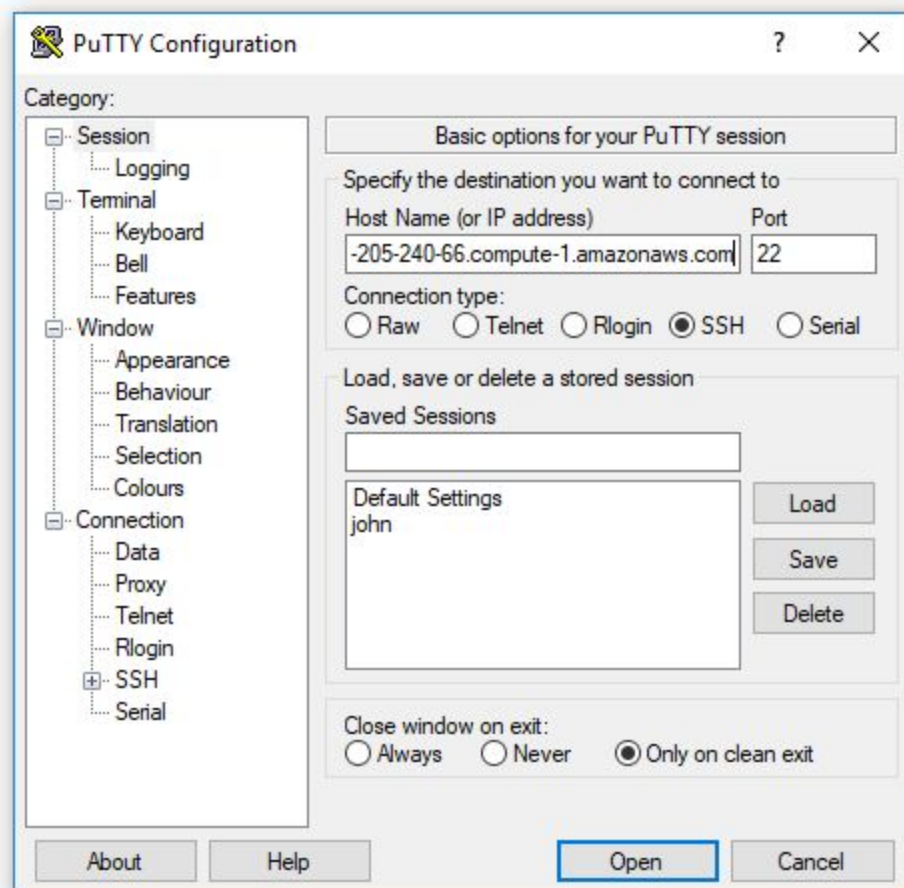
4. After you close the Edit box for Inbound Rules, this MyIP rule will automatically change to “Custom”, with the corresponding IP that it has picked up when you clicked on “MyIP”. This is normal behaviour.

5. Now, go back to the EC2 dashboard and start the EC2 instance and access from PuTTY or Mac/Linux system.
6. Copy **public DNS** from the dashboard.

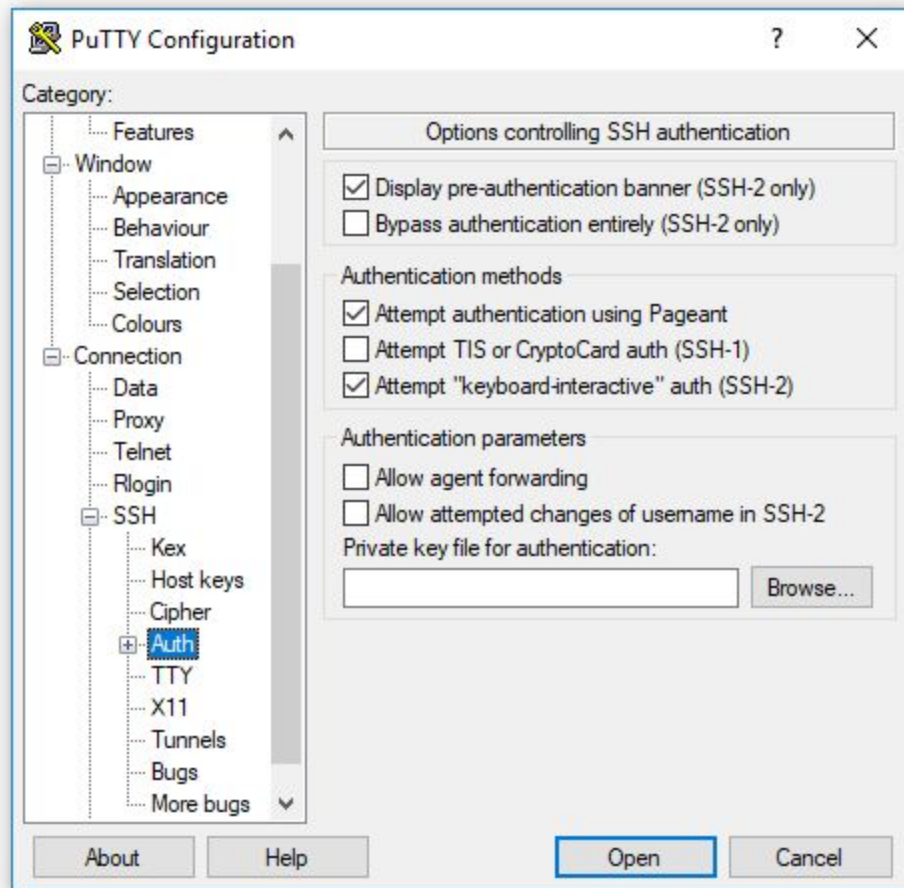


7. Open PuTTY:

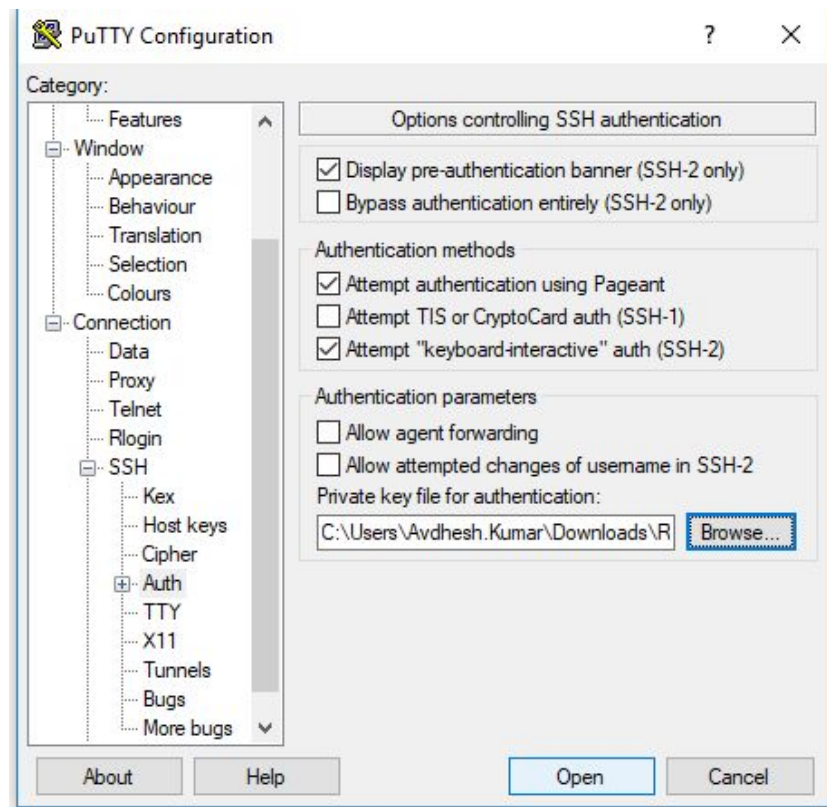
Under the 'Host Name' section, paste the public DNS information of your instance that you just copied.



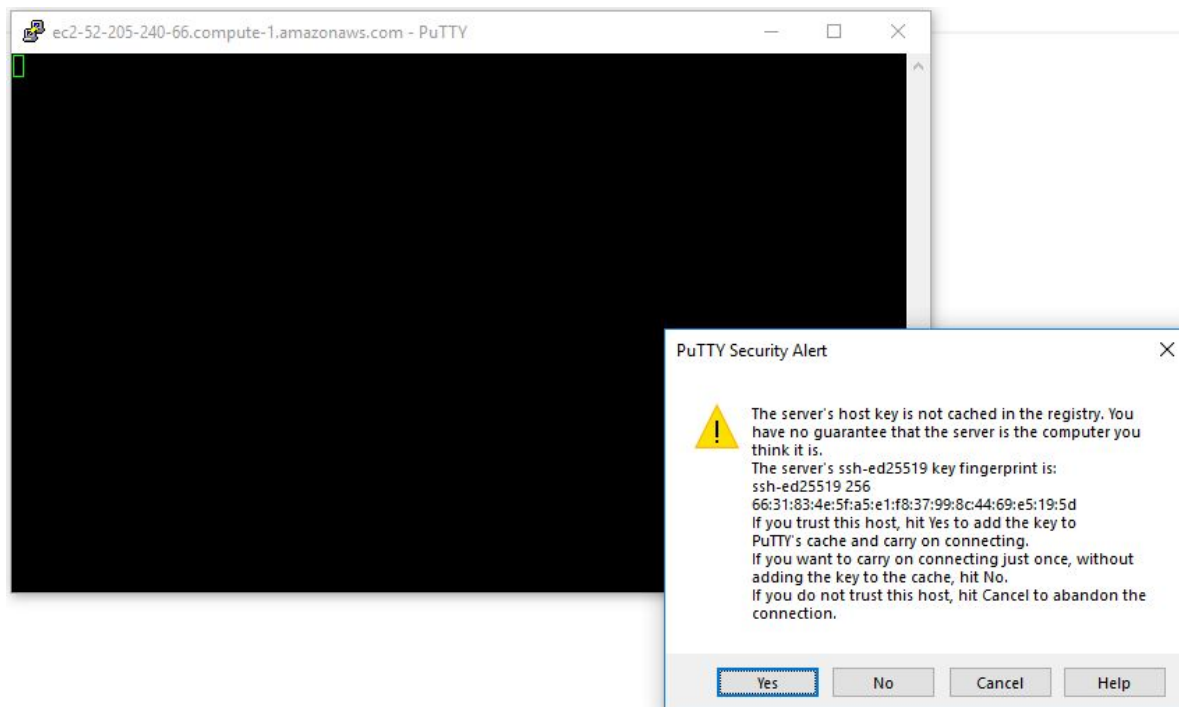
8. On the left-hand side panel, click on 'Connection'. Then click on 'SSH' followed by 'Auth'. In the private key field, click on 'Browse'.



9. Select the .ppk file(**Test_1.ppk**) you generated using PuTTYgen and click on '**Open**'.



10. Click on 'Yes'. and login with **ec2-user**.



Note: In case you faced any issue- Network connection time out, then please check SSH port 22

with **My address** inside the security.