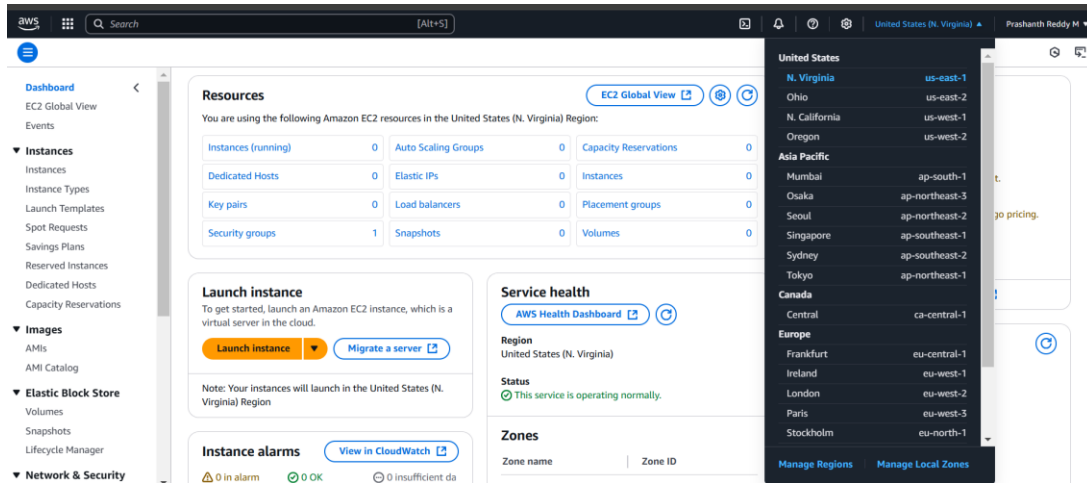


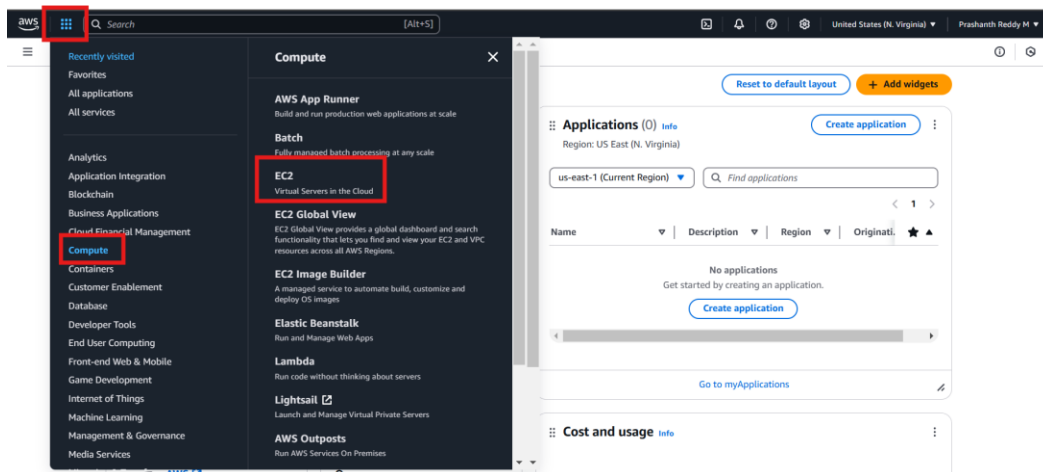
Creating EC2 Instance in AWS console

Creating Compute engine (EC2) in AWS

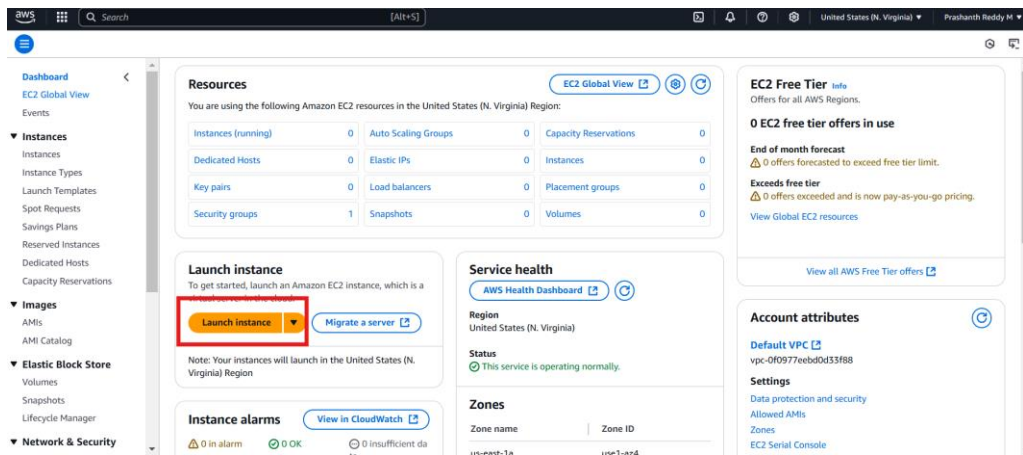
1. Login to the AWS console <https://console.aws.amazon.com/>
2. Select the region ex. N.Virginia



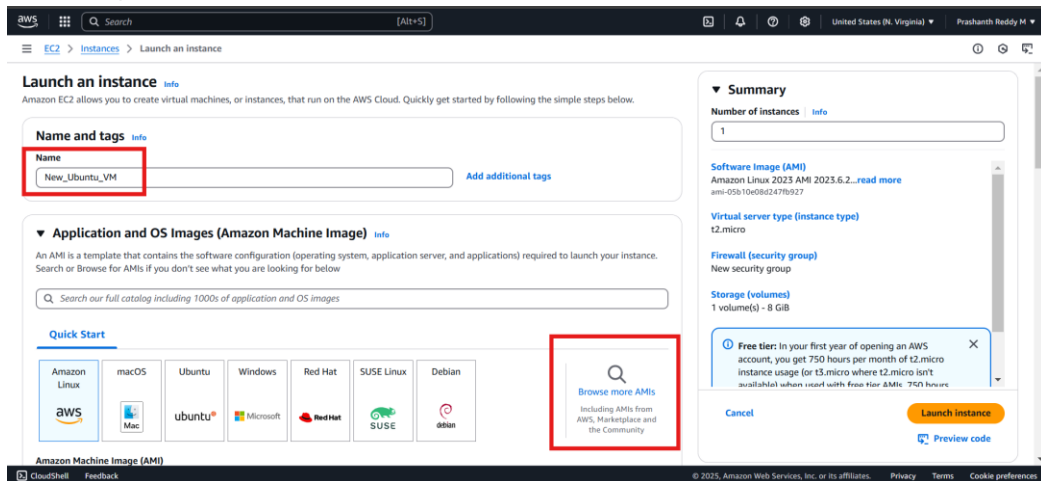
3. Go to Services menu then click compute and EC2



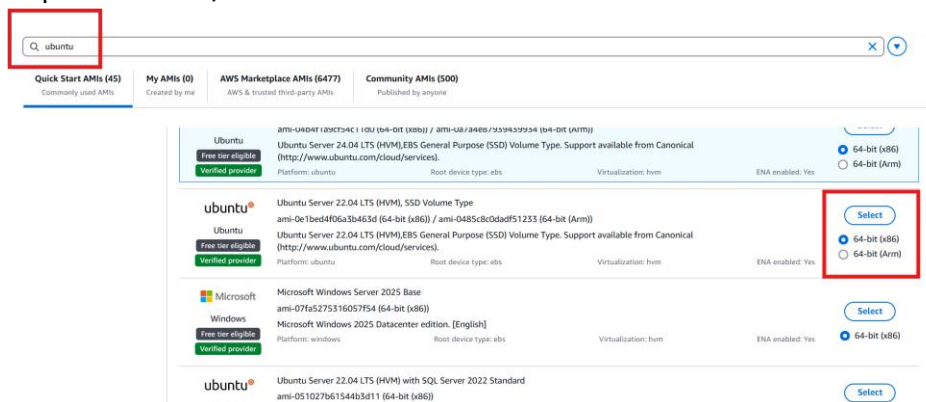
4. Following page display you then click on launch instance



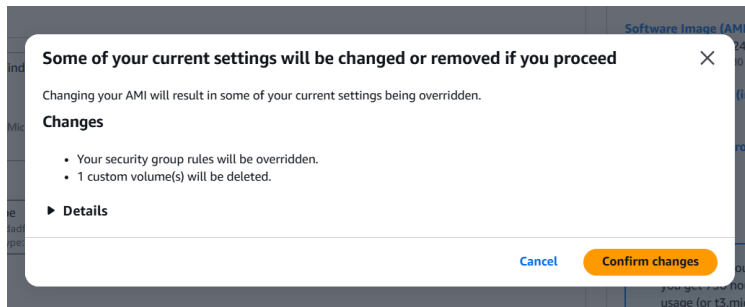
5. Give a **Name** to your Virtual Machine (Instance), then select the image from **Quick start** menu or you can choose from **Browse more AMIs**



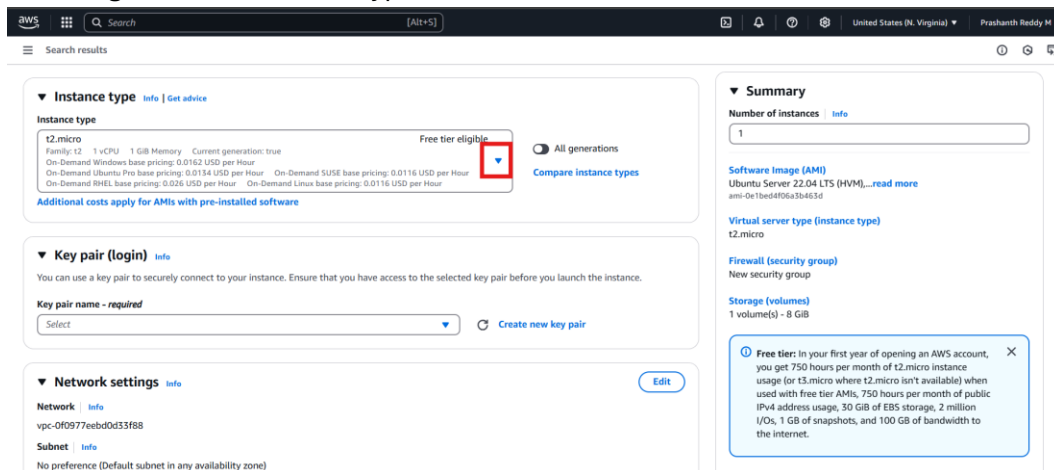
6. Once you click Browse more AMIs new window display, search for your image, look for the required version, and select



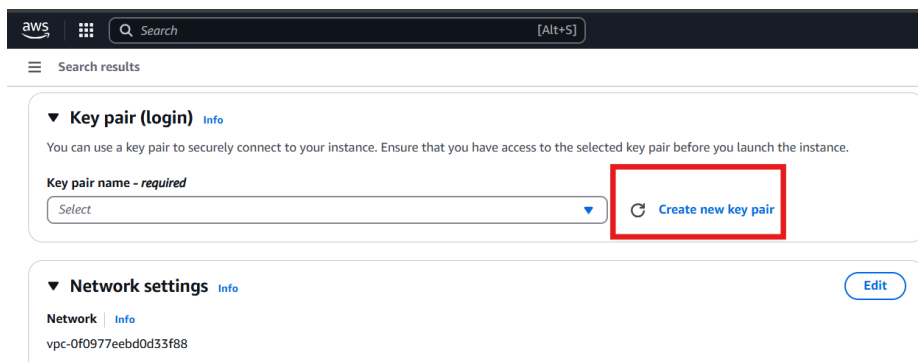
7. If any pop up displays click on confirm otherwise go for the next step



8. Scroll down and select an instance type by clicking the down arrow you can choose different instance types, but other instances are not in the free tier, they are chargeable. So selecting **t2.micro** instance type.



9. As you are doing for the first time **Create new key pair** (if you have any existing key pair you can use the same, that key pair must be in the same region)



10. Select the key pair name, key pair type, and private key format

Create key pair ✕

Key pair name
Key pairs allow you to connect to your instance securely.

The name can contain up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

☒ **RSA**
RSA encrypted private and public key pair

☐ **ED25519**
ED25519 encrypted private and public key pair

Private key file format

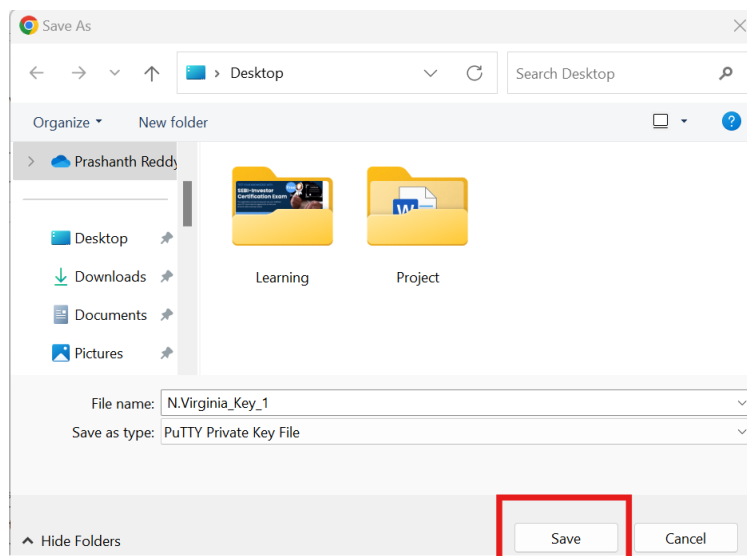
☒ **.pem**
For use with OpenSSH

☐ **.ppk**
For use with PuTTY

⚠ When prompted, store the private key in a secure and accessible location on your computer. **You will need it later to connect to your instance.** [Learn more](#)

Cancel Create key pair

11. Save the key pair in you local device



12. Leave the network changes to Default

Network settings [Info](#) Edit

Network [Info](#)
vpc-0f0977eebd0d33f88

Subnet [Info](#)
No preference (Default subnet in any availability zone)

Auto-assign public IP [Info](#)
Enable
Additional charges apply when outside of free tier allowance

Firewall (security groups) [Info](#)
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☒ Create security group ☐ Select existing security group

We'll create a new security group called 'launch-wizard-1' with the following rules:

- ☒ Allow SSH traffic from Anywhere (0.0.0.0/0)
- ☒ Allow HTTPS traffic from the internet
- ☒ Allow HTTP traffic from the internet

Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

13. Select Storage volume type then click launch instance

Configure storage [Info](#) Advanced

1x 8 GIB gp2 Root volume, Not encrypted

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

[Add new volume](#)

The selected AMI contains more instance store volumes than the instance allows. Only the first 0 instance store volumes from the AMI will be accessible from the instance

Click refresh to view backup information

The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.

0 x File systems Edit

Software Image (AMI)
Ubuntu Server 22.04 LTS (HVM),...[read more](#)
ami-0e1b0d4f06a3b465d

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GIB

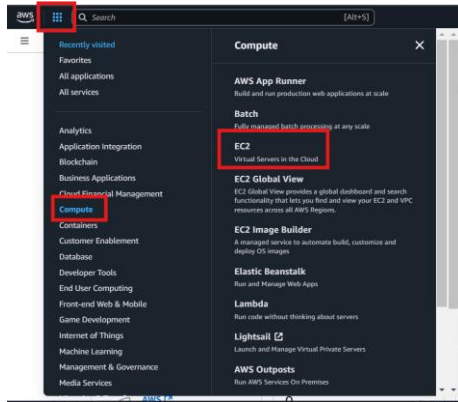
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GIB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

Cancel Launch instance

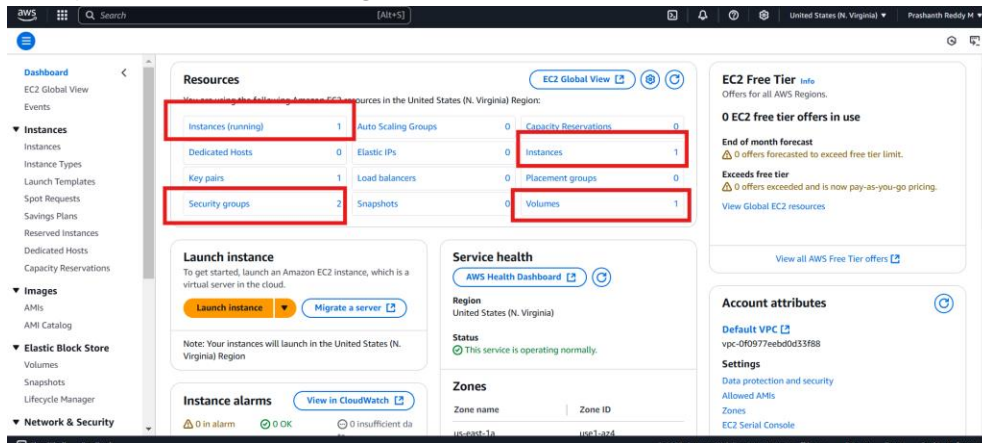
14. If all the details are correct instance will be launch

Success
Successfully initiated launch of instance (i-0ac1455c7f4234093)

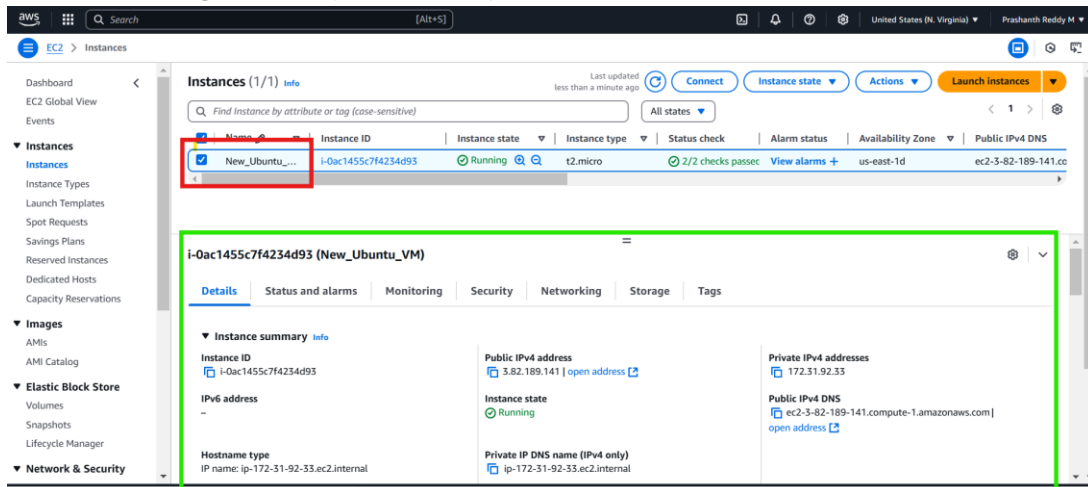
15. Go to Services menu then click compute and EC2



16. Then you can see the running instance count



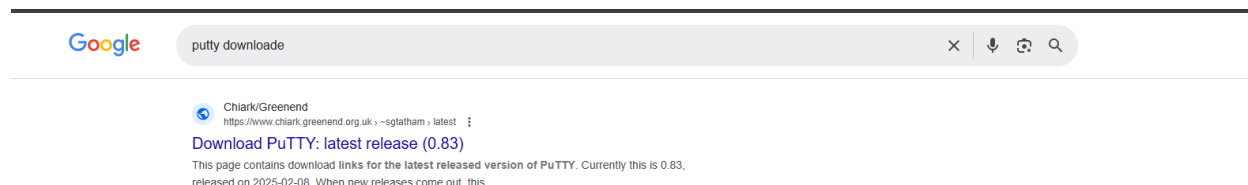
17. Click on running instance you can see you EC2 instance and its details



Now, we have created a virtual machine (EC2 Instance) with the Ubuntu operating system.

Login to the Ubuntu Linux Using PuTTY

If you don't have putty download it from the internet and install it.



Download and install

Download PuTTY: latest release (0.83)
[Home](#) | [FAQ](#) | [Feedback](#) | [Licence](#) | [Updates](#) | [Mirrors](#) | [Keys](#) | [Links](#) | [Team](#)
Download: [Stable](#) · [Snapshot](#) | [Docs](#) | [Privacy](#) | [Changes](#) | [Wishlist](#)

This page contains download links for the latest released version of PuTTY. Currently this is 0.83, released on 2025-02-08.

When new releases come out, this page will update to contain the latest, so this is a good page to bookmark or link to. Alternatively, here is a [permanent link to the 0.83 release](#).

Release versions of PuTTY are versions we think are reasonably likely to work well. However, they are often not the most up-to-date version of the code available. If you have a problem with this release, then it might be worth trying out the [development snapshots](#), to see if the problem has already been fixed in those versions.

Package files

You probably want one of these. They include versions of all the PuTTY utilities (except the new and slightly experimental Windows pterm).

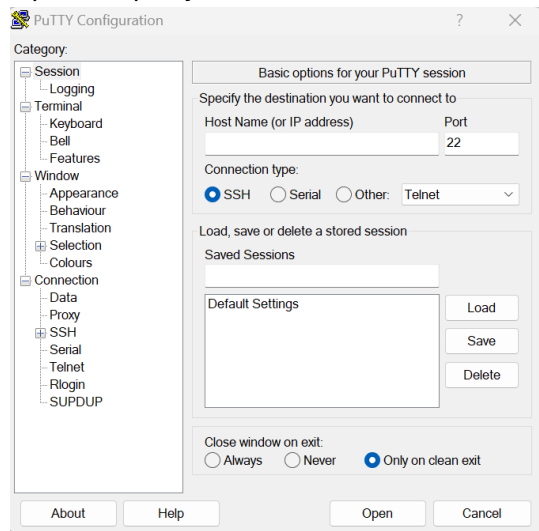
(Not sure whether you want the 32-bit or the 64-bit version? Read the [FAQ entry](#).)

We also publish the latest PuTTY installers for all Windows architectures as a free-of-charge download at the [Microsoft Store](#); they usually take a few days to appear there after we release them.

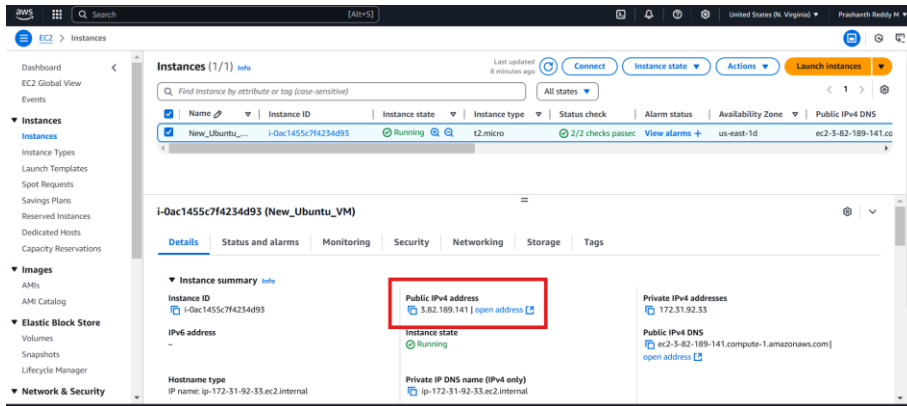
MSI (Windows installer)
64-bit x86: [putty-64bit-0.83-installer.msi](#) (signature)
64-bit Arm: [putty-arm64-0.83-installer.msi](#) (signature)
32-bit x86: [putty-0.83-installer.msi](#) (signature)
Unix source archive
.tar.gz: [putty-0.83.tar.gz](#) (signature)

Linux Login

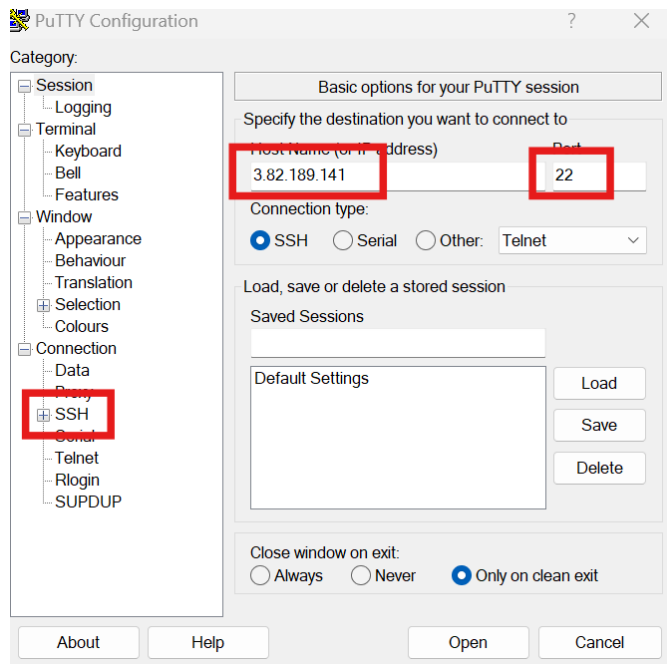
18. Open the putty



19. Copy the public IP of EC2



20. Paste in Putty and click in SSH



21.