

## Creating Amazon EC2 Instance

### **Step 1: Set up and log into your AWS account**

Log into the AWS Management Console as root account.

### **Step 2: Launch an Amazon EC2 instance in any region. Preferably US region**

In the Amazon EC2 Dashboard, choose "Launch Instance" to create and configure your virtual machine.

### **Step 3: Configure your instance**

In this wizard, you have the option to configure your instance features. Below are some guidelines on setting up your first instance.

**Choose 2<sup>nd</sup> Amazon Machine Image (AMI):** In step 1 of the wizard, we recommend the Amazon Linux 2 AMI (free-tier eligible).

**Choose an instance type:** Choose the t2.micro (free-tier eligible).

**Configure Instance Details:** No changes in the screen, Click on "Next:Add Storage" button

**Add Storage:** No changes in the screen, Click on "Next:Add Tags" button

**Add Tags:** Click on " Add Tag" button- Enter "Name" under key and "Linux Server" under value and Click on Next

**Security group:** Under Type choose "All traffic" and Source choose " Anywhere".

**Launch instance:** In step 7, review your instance configuration and choose "Launch".

**Create a key pair:** Select "Create a new key pair" and assign a name. The key pair file (.pem) will download automatically - save this in a safe place as we will later use this file to log in to the instance. Finally, choose "Launch Instances" to complete the set up.

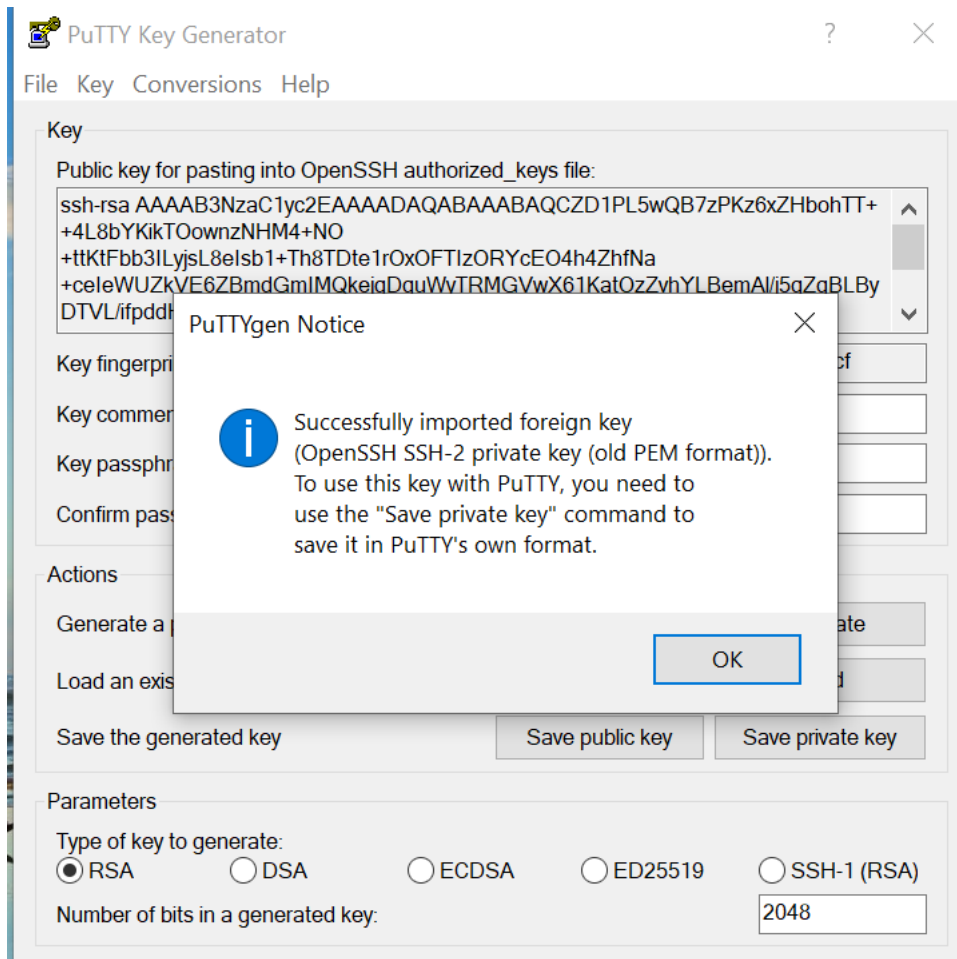
Note: It may take a few minutes to initialize your instance.

### **Step 4: Connect to your instance**

After you launch your instance, you can connect to it and use it the way that you'd use a computer sitting in front of you.

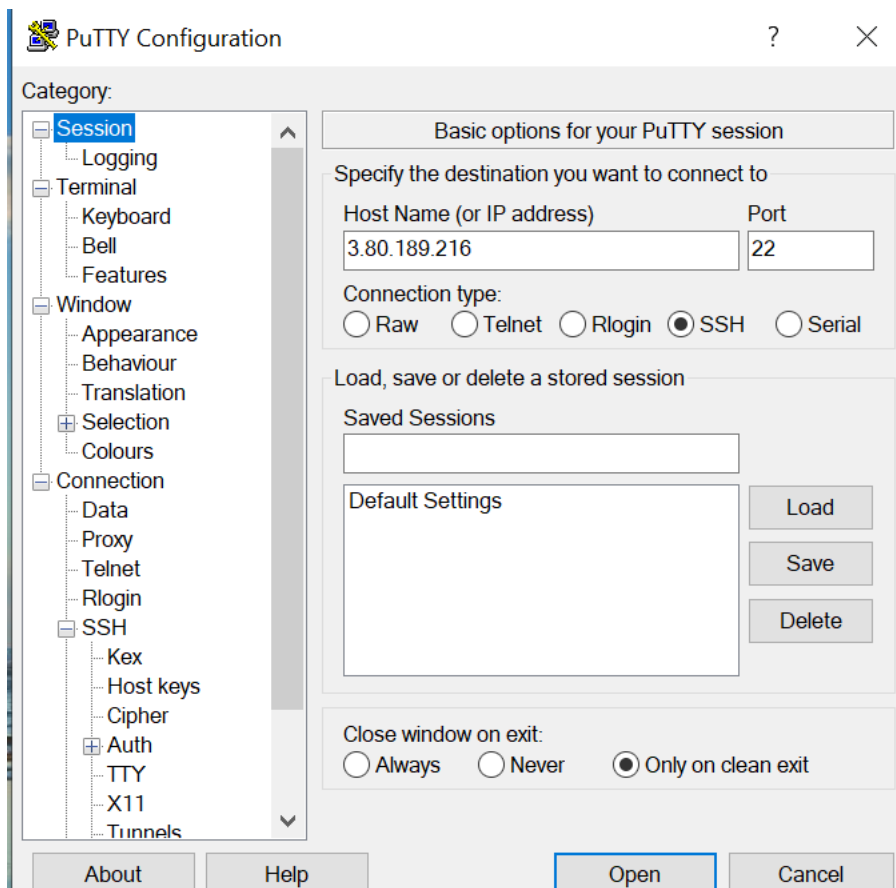
To connect using Putty , follow the steps below:

Convert the .pem file to ppk using Puttgen – Import .pem file and choose default settings and Click on Save Private Key button



Login to the ec2 instance using the public ip of the instance and the .ppk key and click on open , it will launch the instance ,

Login as: ec2-user



## Category:

- Keyboard
- Bell
- Features
- Window
  - Appearance
  - Behaviour
  - Translation
  - Selection
  - Colours
- Connection
  - Data
  - Proxy
  - Telnet
  - Rlogin
  - SSH
    - Kex
    - Host keys
    - Cipher
    - Auth
    - TTY
    - X11
    - Tunnels
    - Bugs
    - More bugs
  - Serial

## Options controlling SSH authentication

- ☒ Display pre-authentication banner (SSH-2 only)
- ☐ Bypass authentication entirely (SSH-2 only)

## Authentication methods

- ☒ Attempt authentication using Pageant
- ☐ Attempt TIS or CryptoCard auth (SSH-1)
- ☒ Attempt "keyboard-interactive" auth (SSH-2)

## Authentication parameters

- ☐ Allow agent forwarding
- ☐ Allow attempted changes of username in SSH-2

Private key file for authentication:

C:\Users\chait\OneDrive\Desktop\CICD Ti

Browse...

About

Help

Open

Cancel