AWS login

# Installations:

Install putty from

Putty from https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html

# Server Information

Public IP Address : 54.84.156.243

Key to work with AWS : shared with email "aditya-trainer-key.pem"

# To connect to AWS

## Converting Your Private Key Using PuTTYgen (This is a one-time activity only)

PuTTY does not natively support the private key format (.pem) generated by Amazon EC2. PuTTY has a tool named PuTTYgen, which can convert keys to the required PuTTY format (.ppk). You must convert your private key into this format (.ppk) before attempting to connect to your instance using PuTTY.

**To convert your private key**

1. Start PuTTYgen (for example, from the **Start** menu, choose **All Programs > PuTTY > PuTTYgen**).
2. Under **Type of key to generate**, choose **RSA**.


       RSA key in PuTTYgen
      

If you're using an older version of PuTTYgen, choose **SSH-2 RSA**.

1. Choose **Load**. By default, PuTTYgen displays only files with the extension .ppk. To locate your.pem file, select the option to display files of all types.


       Select all file types
      

1. Select your .pem file for the key pair that you specified when you launched your instance, and then choose **Open**. Choose **OK** to dismiss the confirmation dialog box.
2. Choose **Save private key** to save the key in the format that PuTTY can use. PuTTYgen displays a warning about saving the key without a passphrase. Choose **Yes**.

**Note**

A passphrase on a private key is an extra layer of protection, so even if your private key is discovered, it can't be used without the passphrase. The downside to using a passphrase is that it makes automation harder because human intervention is needed to log on to an instance, or copy files to an instance.

1. Specify the same name for the key that you used for the key pair (for example, job-dev-key-pair.pem). PuTTY automatically adds the .ppk file extension.

Your private key is now in the correct format for use with PuTTY

## Starting a PuTTY Session

1. Start PuTTY (from the **Start** menu, choose **All Programs > PuTTY > PuTTY**).
2. In the **Category** pane, choose **Session** and complete the following fields:
   1. In the **Host Name** box, enter *ubuntu@ ec2-3-92-46-35.compute-1.amazonaws.com*.
   2. Under **Connection type**, select **SSH**.
   3. Ensure that **Port** is 22.


       PuTTY configuration - Session
      

1. You can configure PuTTY to automatically send 'keepalive' data at regular intervals to keep the session active. This is useful to avoid disconnecting from your instance due to session inactivity. In the **Category** pane, choose **Connection**, and then enter the required interval in the **Seconds between keepalives** field. Enter 50
2. In the **Category** pane, expand **Connection**, expand **SSH**, and then choose **Auth**. Complete the following:
   1. Choose **Browse**.
   2. Select the .ppk ***(file created in the previous step using puttygen)*** file that you generated for your key pair, and then choose **Open**.
   3. (Optional) If you plan to start this session again later, you can save the session information for future use. Choose **Session** in the **Category** tree, enter a name for the session in **Saved Sessions**, and then choose **Save**.
   4. Choose **Open** to start the PuTTY session.


       PuTTY configuration - Auth
      

1. If this is the first time you have connected to this instance, PuTTY displays a security alert dialog box that asks whether you trust the host you are connecting to.
2. (Optional) Verify that the fingerprint in the security alert dialog box matches the fingerprint that you previously obtained in step 1. If these fingerprints don't match, someone might be attempting a "man-in-the-middle" attack. If they match, continue to the next step.
3. Choose **Yes**. A window opens and you are connected to your instance.

**Note**

If you specified a passphrase when you converted your private key to PuTTY's format, you must provide that passphrase when you log in to the instance.