Install Wordpress on EC2 instance

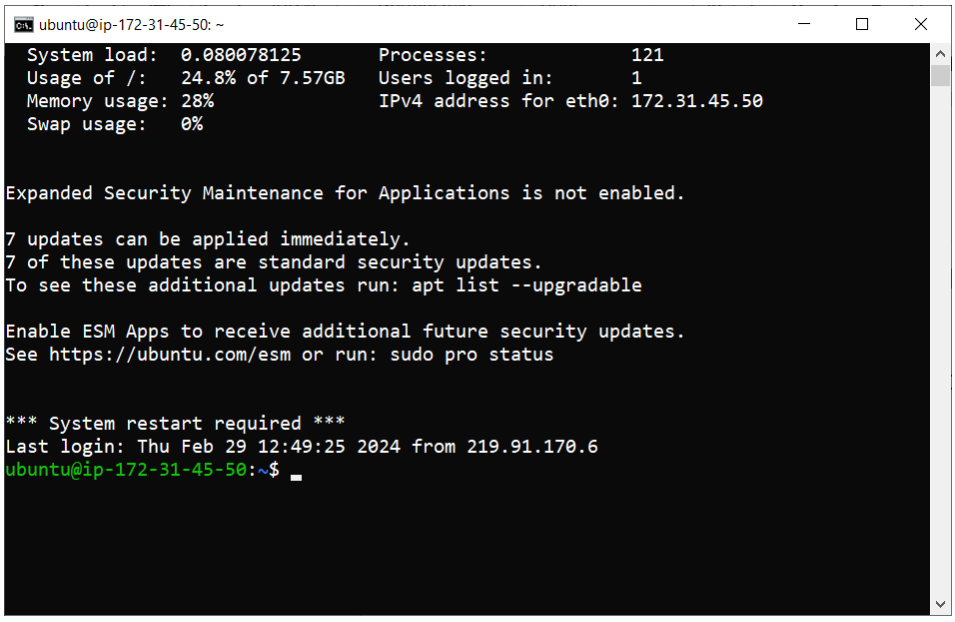
Step 1 : Launch EC2 Instance

Sign-in into your AWS account and go to the EC2 service console.

Select **Launch Instance** option, provide name for your instance and select the machine image you want. I am using an Ubuntu image for this task.

Next select the Key-Pair that you will use to connect to your instance. While adding the security group to your instance make sure that it allows the inbound traffic on port 22 for SSH.

Click on **Launch Instance** to launch your instance. Once the instance is in running state, use any terminal to SSH into your EC2 Instance.



Run following commands to update and upgrade your Ubuntu EC2 instance.

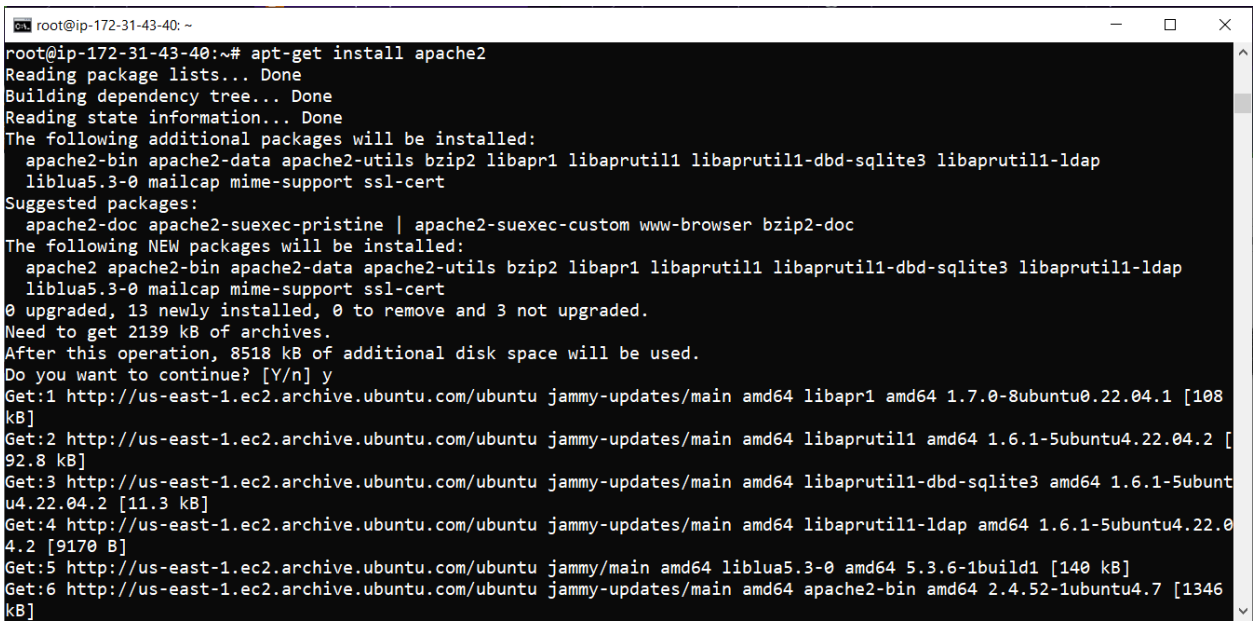
sudo apt-get update

sudo apt-get upgrade

Step2: Install Apache2 server, mysql server and related libraries.

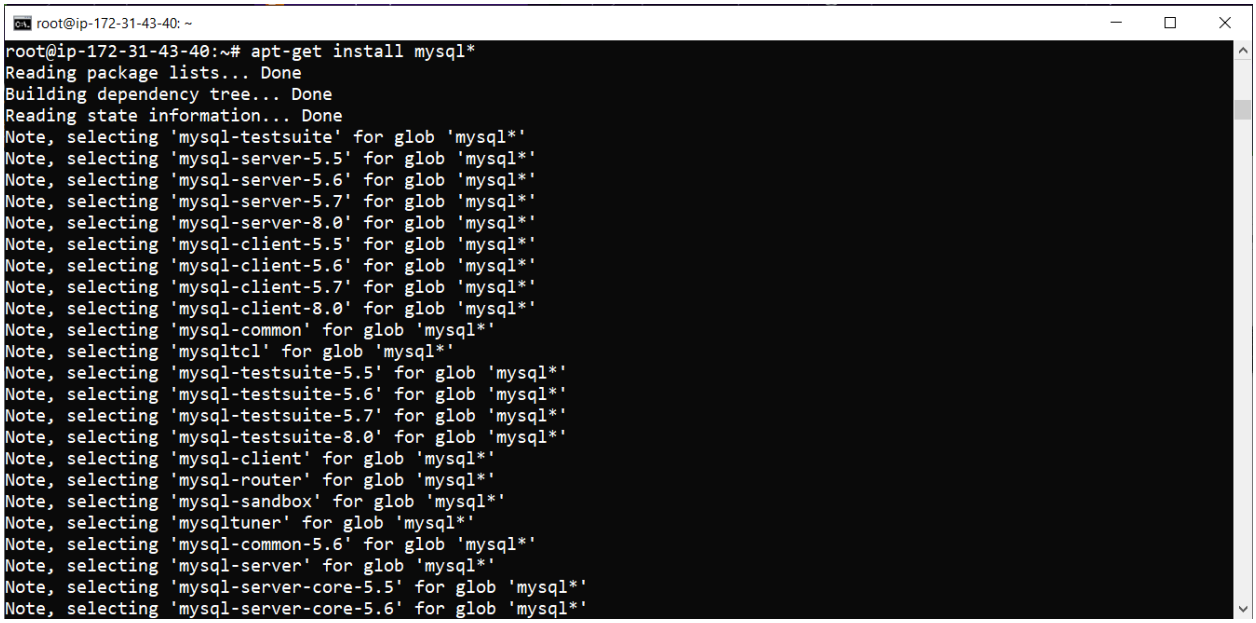
To install and host a wordpress website, we need to install Apache2 server and mysql server. We can use following command to install apache2 server.

apt-get install apache2



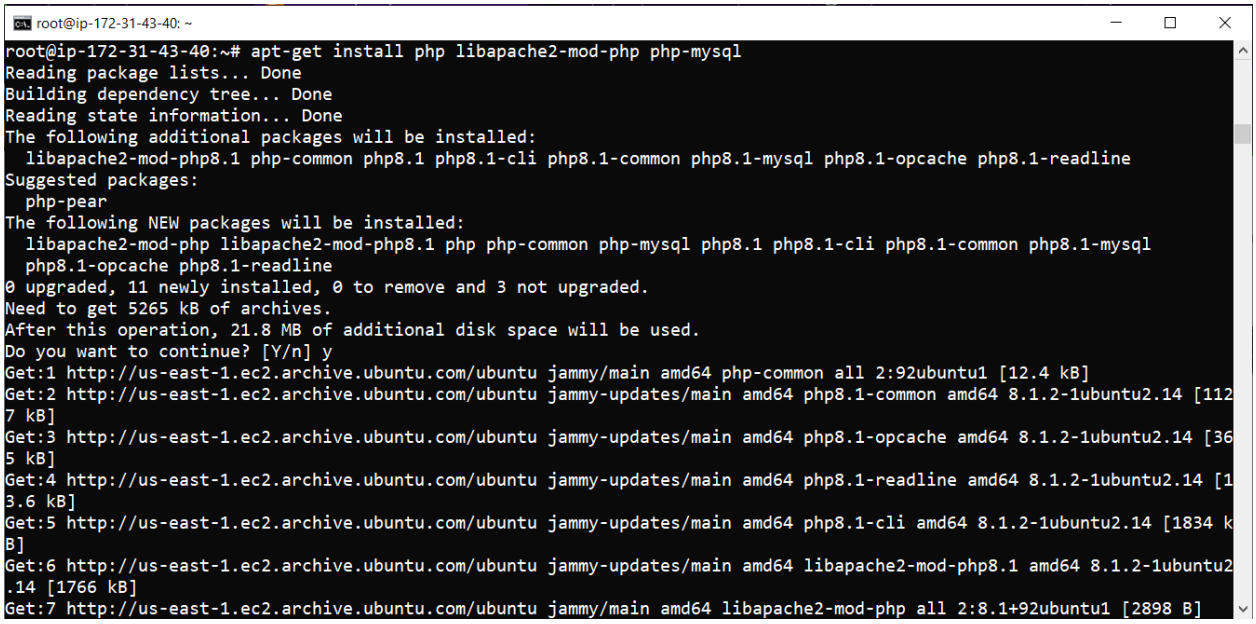
Use following command to install mysql.

apt-get install mysql*



We require php, libapache2-mod-php, php-mysql packages. We can install this packages using following command.

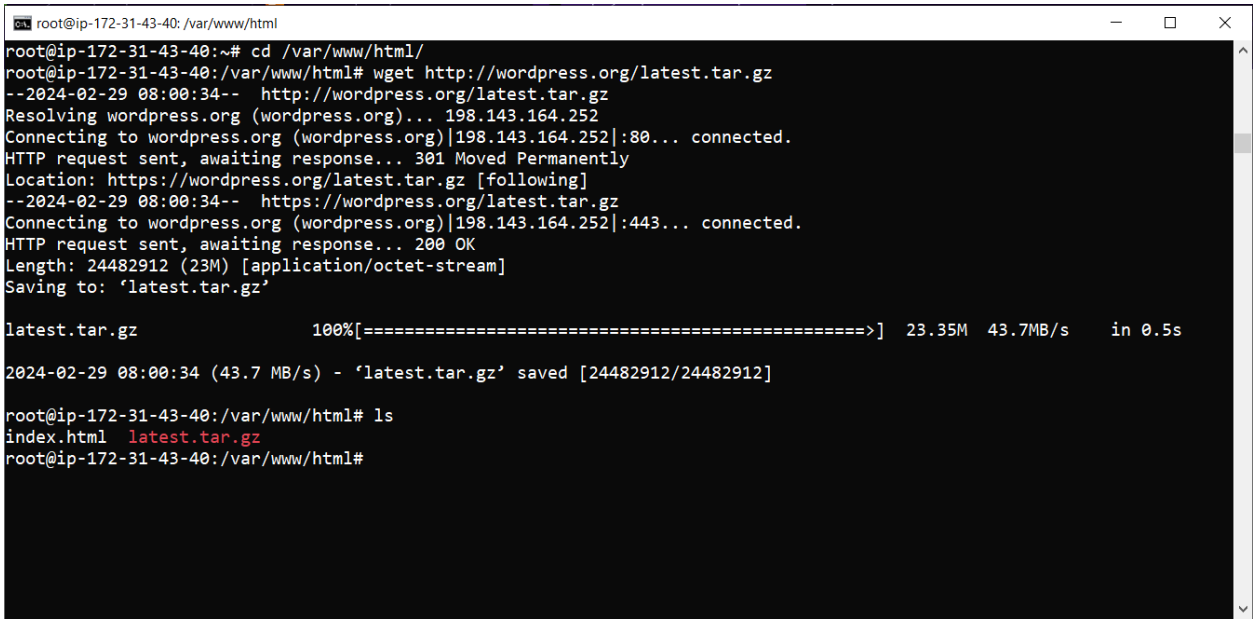
apt-get install php libapache2 php-mysql



Step 3 : Install wordpress

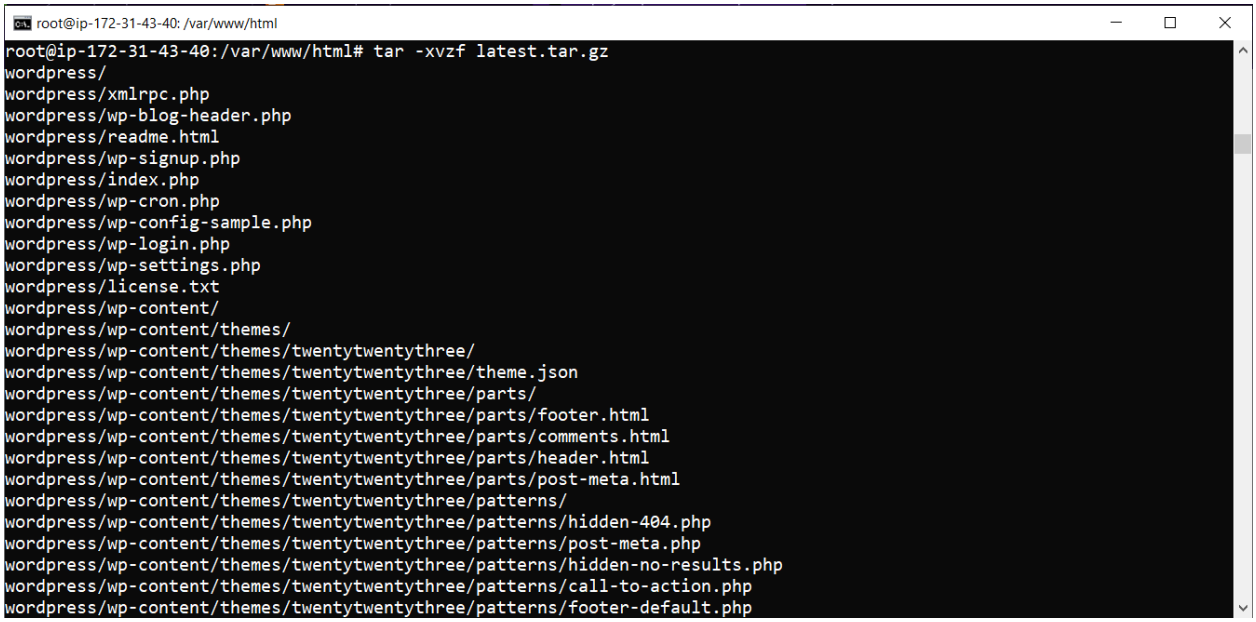
Now to install wordpress, we first download latest.tar.gz file from www.wordpress.com using following command. We download this file in /var/www/html/ directory.

wget http://wordpress.com/latest.tar.gz



After downloading the file, we will extract it using tar command, use following command to extract the file.

tar -xvzf latest.tar.gz



Step 4 : Create database and database user for Wordpress.

We have to create a database for wordpress, so we login to mysql server and create a database for wordpress and alter some user settings of mysql database.

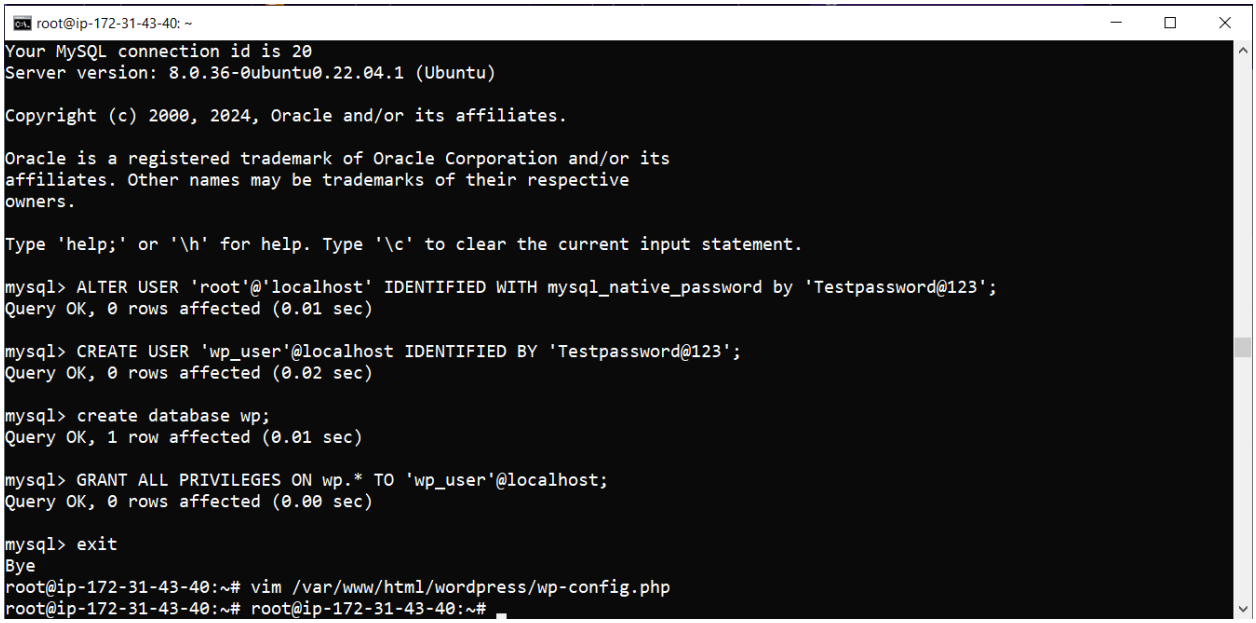
ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password by 'Testpassword@123';
[change the password of root user]

CREATE USER 'wp_user'@localhost IDENTIFIED BY 'Testpassword@123';
[Create database user 'wp_user' and assign password to user]

CREATE DATABASE wp;
[Create database named 'wp']

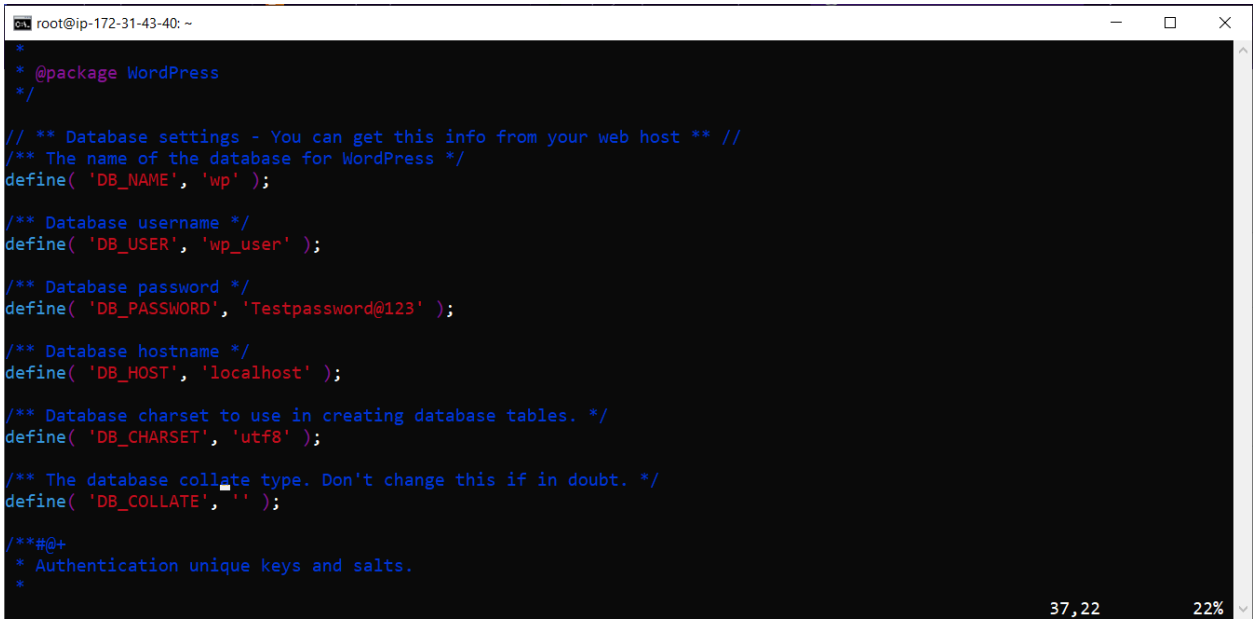
EXIT

[Exit from mysql]



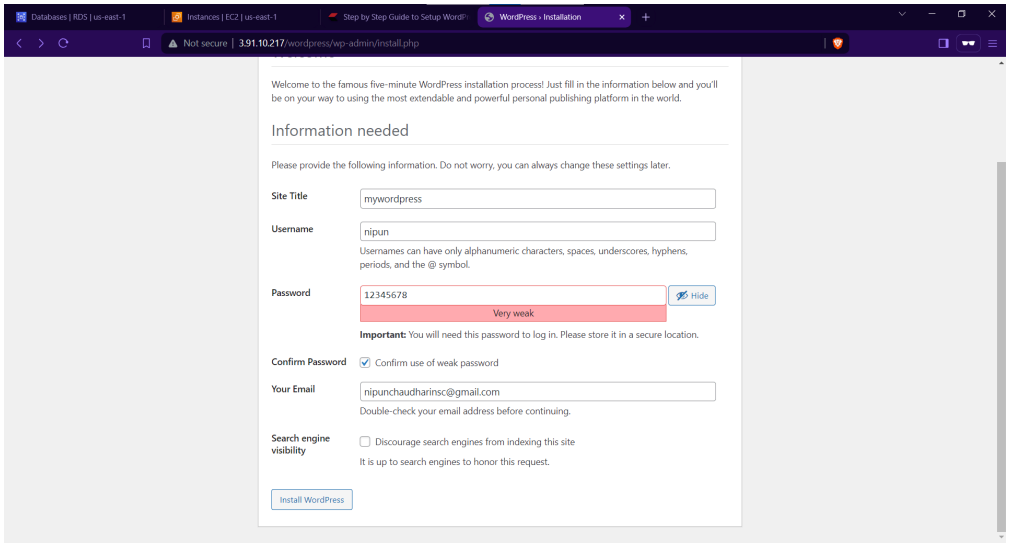
Step 5 : Changing the php configuration file for wordpress.

Navigate to /var/www/html/wordpress/ directory, and create a file named wp-config.php and add following content in that file.



Step 6 : Hit the wordpress site

Now as we have completed all configuration, we can copy Public IP of our instance and paste it in browser. We will get following page.



Here we provide basic information and then click ‘Install Wordpress’ button.

Then we hit our Public IP again to see following page.