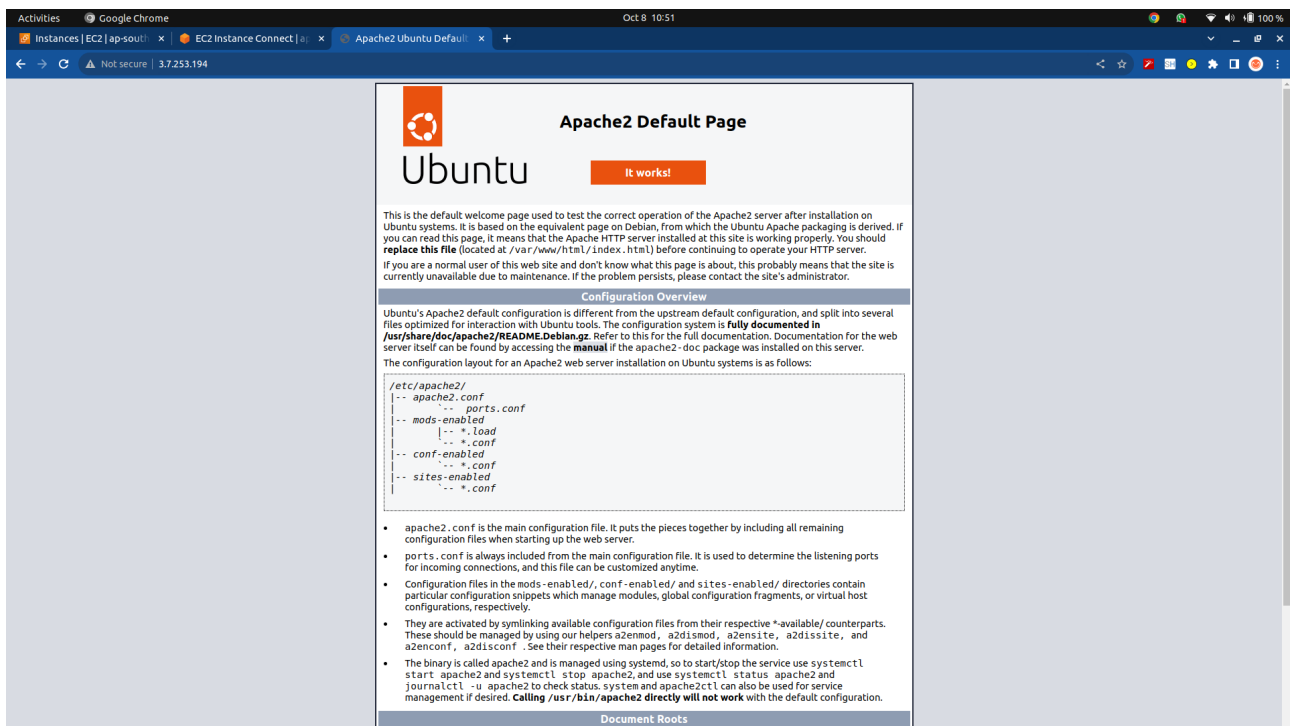# MONOLITH

steps -

1. Perform Ubuntu 22.04 update

2. Install Apache & PHP for WordPress

3. Install MariaDB or MySQL

```
root@ip-172-31-3-210:/home/ubuntu# sudo systemctl enable --now mariadb
Synchronizing state of mariadb.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable mariadb
root@ip-172-31-3-210:/home/ubuntu# systemctl status mariadb
● mariadb.service - MariaDB 10.6.12 database server
     Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor preset: enabled)
     Active: active (running) since Sun 2023-10-08 05:22:56 UTC; 34s ago
       Docs: man:mariadbd(8)
             https://mariadb.com/kb/en/library/systemd/
   Main PID: 38707 (mariadbd)
     Status: "Taking your SQL requests now..."
      Tasks: 13 (limit: 1141)
     Memory: 61.8M
        CPU: 333ms
     CGroup: /system.slice/mariadb.service
             └─38707 /usr/sbin/mariadbd

Oct 08 05:22:56 ip-172-31-3-210 mariadbd[38707]: Version: '10.6.12-MariaDB-0ubuntu0.22.04.1'  socket: '/r
un/mysqld/mysqld.sock'  port: 3306  Ubuntu 22.04
Oct 08 05:22:56 ip-172-31-3-210 systemd[1]: Started MariaDB 10.6.12 database server.
Oct 08 05:22:56 ip-172-31-3-210 /etc/mysql/debian-start[38723]: Upgrading MySQL tables if necessary.
Oct 08 05:22:56 ip-172-31-3-210 /etc/mysql/debian-start[38726]: Looking for 'mariadb' as: /usr/bin/mariad
b
Oct 08 05:22:56 ip-172-31-3-210 /etc/mysql/debian-start[38726]: Looking for 'mariadb-check' as: /usr/bin/
mariadb-check
Oct 08 05:22:56 ip-172-31-3-210 /etc/mysql/debian-start[38726]: This installation of MariaDB is already u
pgraded to 10.6.12-MariaDB.
Oct 08 05:22:56 ip-172-31-3-210 /etc/mysql/debian-start[38726]: There is no need to run mysql_upgrade aga
in for 10.6.12-MariaDB.
Oct 08 05:22:56 ip-172-31-3-210 /etc/mysql/debian-start[38726]: You can use --force if you still want to
run mysql_upgrade
Oct 08 05:22:56 ip-172-31-3-210 /etc/mysql/debian-start[38734]: Checking for insecure root accounts.
Oct 08 05:22:56 ip-172-31-3-210 /etc/mysql/debian-start[38738]: Triggering myisam-recover for all MyISAM
tables and aria-recover for all Aria tables
root@ip-172-31-3-210:/home/ubuntu#
```

4. Create Database for WordPress

```
Remove test database and access to it? [Y/n] y
 - Dropping test database...
 ... Success!
 - Removing privileges on test database...
 ... Success!

Reloading the privilege tables will ensure that all changes made so far
will take effect immediately.

Reload privilege tables now? [Y/n] y
 ... Success!

Cleaning up...

All done!  If you've completed all of the above steps, your MariaDB
installation should now be secure.

Thanks for using MariaDB!
root@ip-172-31-3-210:/home/ubuntu# sudo mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 41
Server version: 10.6.12-MariaDB-0ubuntu0.22.04.1 Ubuntu 22.04

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> CREATE USER 'new_user'@'localhost' IDENTIFIED BY 'your_password';
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> CREATE DATABASE new_db;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> GRANT ALL PRIVILEGES ON new_db.* TO 'new_user'@'localhost';
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> Exit;
Bye
root@ip-172-31-3-210:/home/ubuntu#
```

5. Install WordPress on Ubuntu 22.04

6. Configure Apache on Ubuntu 22.04

```
<VirtualHost *:80>

ServerAdmin admin@example.com

DocumentRoot /var/www/html/wordpress
ServerName example.com
ServerAlias www.example.com

<Directory /var/www/html/wordpress/>

Options FollowSymLinks
AllowOverride All
Require all granted

</Directory>

ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined

</VirtualHost>
```

```
                                                              [ New
^G Help          ^O Write Out    ^W Where Is    ^K Cut        ^T Execute    ^C Location    M-^
^X ExitWord      M^R Read File   ^\ Replaces    ^^U Paste     ^J Justify    ^/ Go To Line  M-E
  Redo                                                                                      M
-6 Copy                                                                                     ^

F Forward                                                                                   ^
► Next Word
```
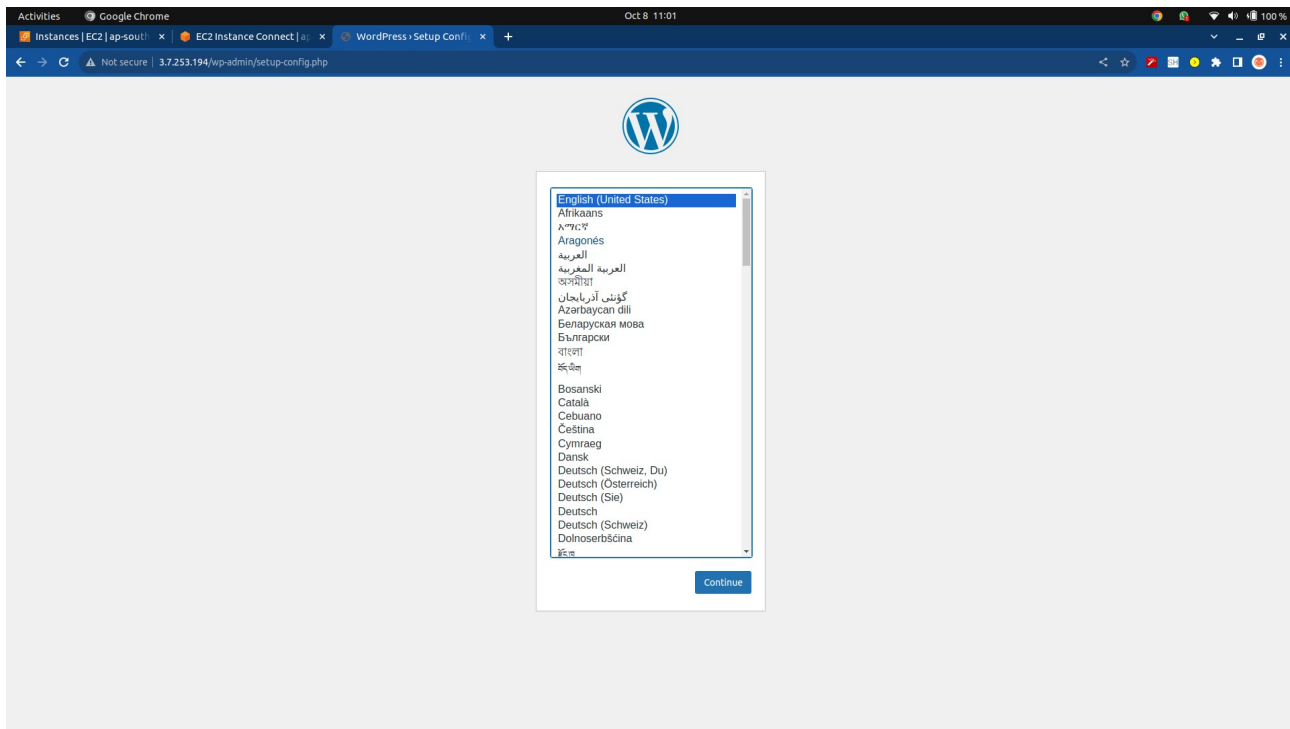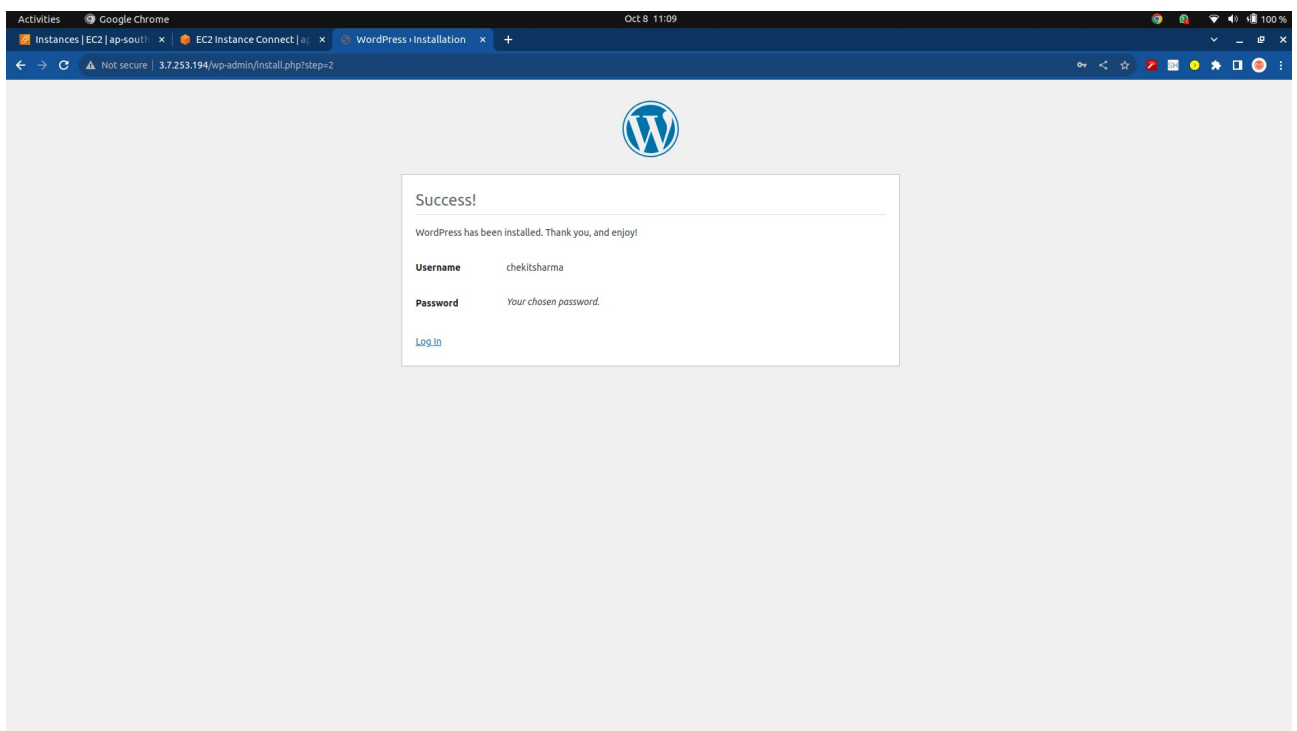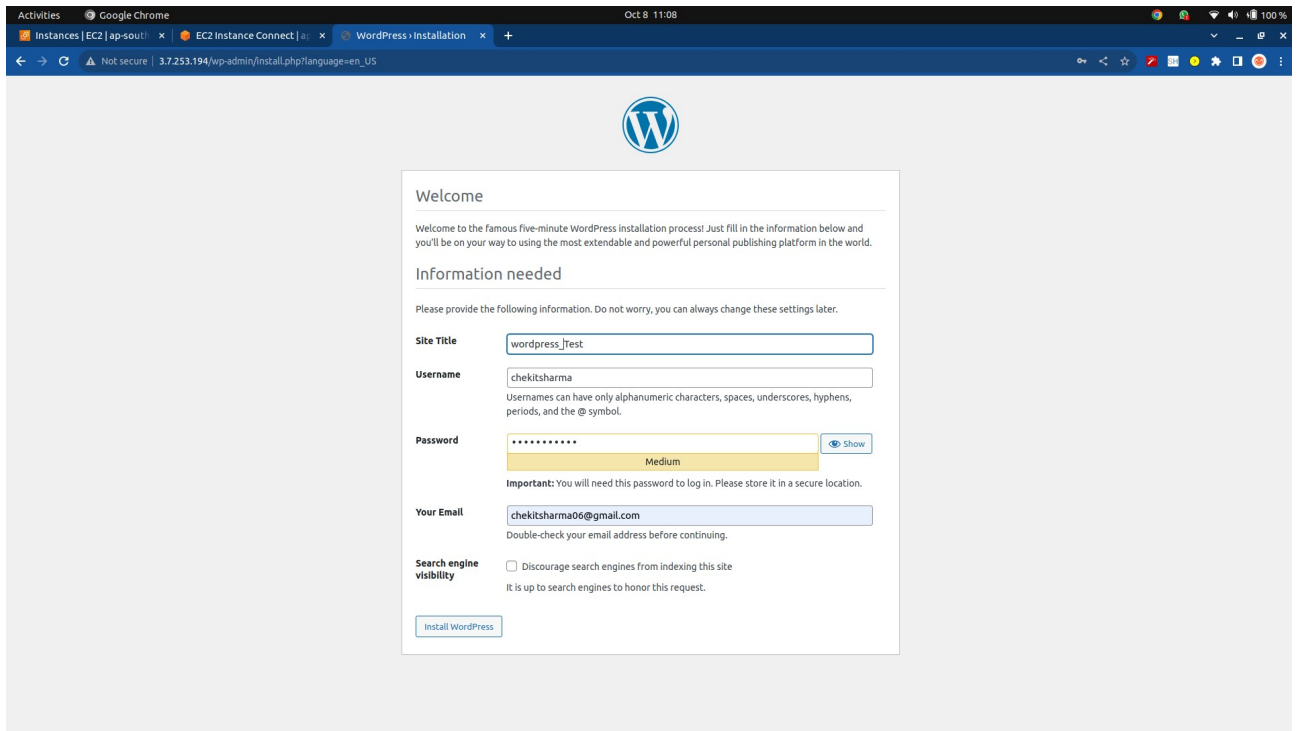
7. WordPress CMS web interface setup

8. Add Database information

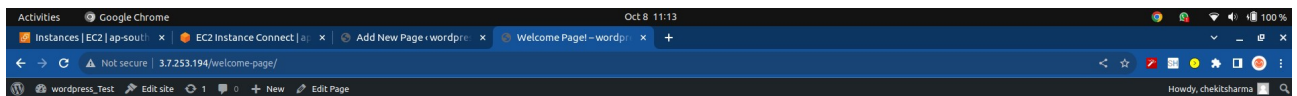## 9. Create Admin user and password

10. Login to the backend

11. Create Welcome Page