

AWS LAMP Stack WordPress Setup Guide

Switch to Root User:

```
sudo su
```

Update and Upgrade Packages:

```
apt update -y
```

```
apt upgrade -y
```

Install Apache:

```
apt install apache2 -y
```

```
systemctl enable apache2
```

```
systemctl start apache2
```

Install MariaDB:

```
apt install mariadb-server mariadb-client -y
```

```
systemctl start mariadb
```

```
systemctl status mariadb
```

Secure MariaDB Installation:

```
sudo mysql_secure_installation
```

```
(Setup password)
```

Install PHP:

```
sudo apt install php php-mysql php-gd php-cli php-common -y
```

Restart MariaDB Service:

```
sudo systemctl restart mariadb
```

Check Apache Installation:

Check your public IP address in a browser to verify that Apache is serving web pages correctly.

Download and Install WordPress:

- Install wget and unzip:

```
sudo apt install wget unzip
```

- Download WordPress:

```
wget (paste WordPress download link)
```

- Unzip WordPress:

```
unzip "latest.zip"
```

- Copy WordPress Files to Apache Root Directory:

```
cp -r wordpress/* /var/www/html
```

```
cd /var/www/html/
```

```
chown www-data:www-data -R /var/www/html/
```

Prepare Web Directory:

- List Directory Contents:

```
ls
```

- Remove Default Apache Index:

```
rm -rf index.html
```

Setup WordPress Database:

- Log into MariaDB:

```
mysql -u root -p
```

- Create Database for WordPress:

```
CREATE DATABASE wordpress;
```

- Create a Database User:

```
CREATE USER "wpadmin" IDENTIFIED BY "iccl04";
```

- Grant Permissions to User:

```
GRANT ALL PRIVILEGES ON wordpress.* TO "wpadmin";
```