

LAMP Project Installation Guide

1. Update Server

```
sudo yum update -y
```

2. Install Apache, MariaDB 10.5, PHP

```
sudo yum install httpd mariadb105-server php -y
```

3. Start and Enable Services

```
sudo systemctl start httpd mariadb php-fpm
```

```
sudo systemctl enable httpd mariadb php-fpm
```

4. Go to Web Root

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

5. Create sample.php

```
sudo vim sample.php
```

6. Create submit.php

```
sudo vim submit.php
```

7. Restart Services

```
sudo systemctl restart httpd mariadb php-fpm
```

8. Login to MariaDB

```
sudo mysql
```

9. Create Database & Table

```
CREATE DATABASE lampdb;
```

```
USE lampdb;
```

```
CREATE TABLE users (
    id INT AUTO_INCREMENT PRIMARY KEY,
    name VARCHAR(100),
    email VARCHAR(100),
    website VARCHAR(200),
    comment TEXT,
    gender VARCHAR(10)
);
```

10. Install PHP MySQL Driver

```
sudo yum install php8.4-mysqli.x86_64 -y
```

11. Test in Browser

```
http://YOUR\_PUBLIC\_IP/sample.php
```