Networking & System Administration Lab LAMP installation

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Roll no: 10

S2 RMCA A

Apache Installation

Steps

1. Update your system

Update the system using command sudo apt update

2. Install Apache using apt:

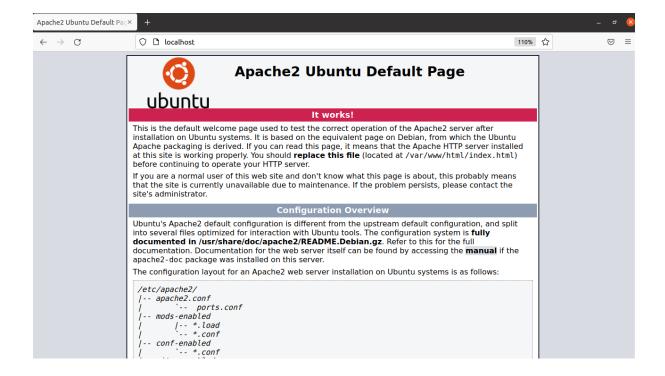
Install apache using the command sudo apt install apache2

3. Start apache

Using the command sudo service apache2 start

4. Confirm that Apache is now running with the following command:

Check the status of apache sudo systemctl status apache2



Maria dB Installation

Steps

- 1. Install Maria dB using the command sudo apt install mariadb-server mariadb-client
- 2. Check the status of the Maria dB using sudo systemctl status mysql

<u>Installing PHP and commonly used modules</u>

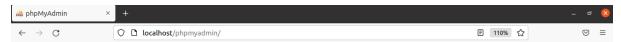
- 1. Install php using sudo apt install php libapache2-mod-php php-opcache php-cli php-gd php-curl php-mysql
- 2. Restart apache2 using the command sudo systemctl restart apache2
- 3. Check the php installation by using localhost/phpinfo.php



```
user@user-VirtualBox:~/Desktop$ php -version
PHP 8.0.11 (cli) (built: Sep 23 2021 21:26:24) ( NTS )
Copyright (c) The PHP Group
Zend Engine v4.0.11, Copyright (c) Zend Technologies
with Zend OPcache v8.0.11, Copyright (c), by Zend Technologies
user@user-VirtualBox:~/Desktop$
```

Installing phpmyadmin

- 1. Install phpmyadmin using sudo apt install phpmyadmin php-mbstring php-zip php-gd php-json php-curl
- 2. Restart apache2 sudo systemctl restart apache2
- 3. Check phpmyadmin by opening a browser and typing http://localhost/phpmyadmin





Welcome to phpMyAdmin



