ASSIGNMENT

NETWORKING & SYSTEM ADMINISTRATION LAB

TOPIC:

LAMP INSTALLATION PROCEDURE

SILJA C K
RMCA B
Roll No : 20

Install apache

- Update your system

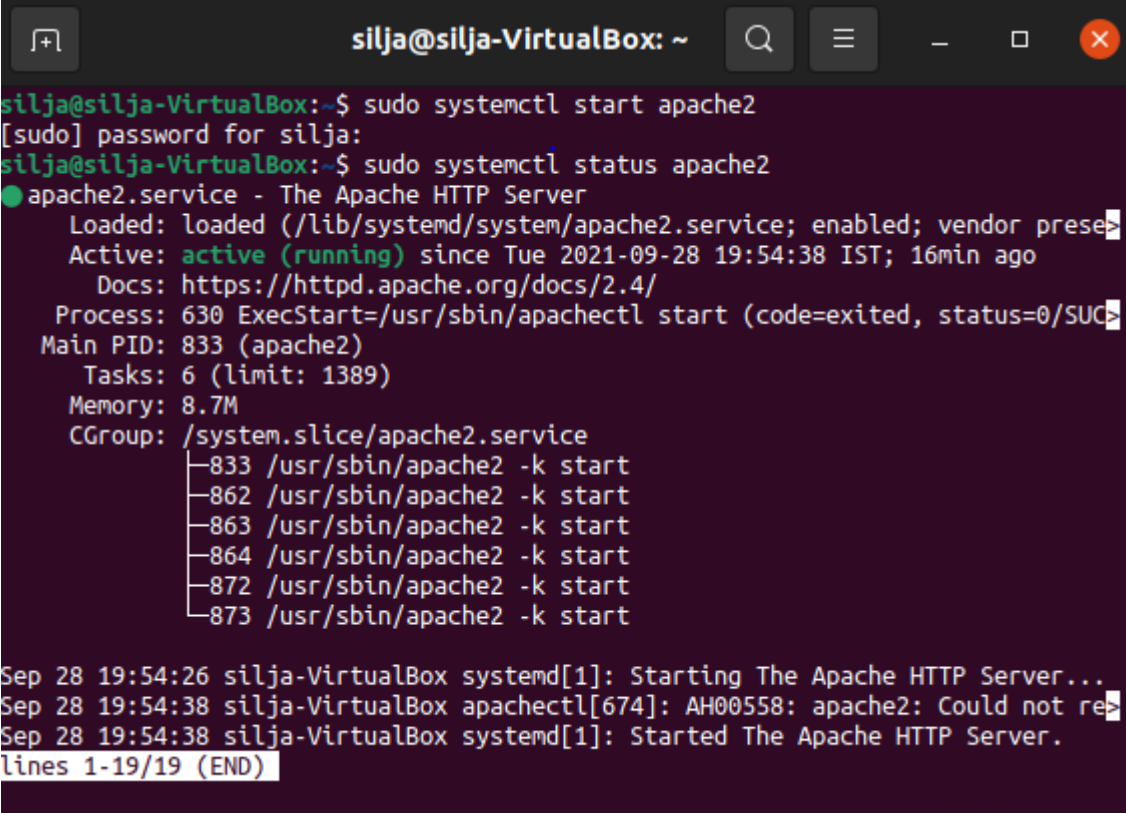   **sudo apt update**

- Install Apache using apt:

    sudo apt install apache2

- Confirm that Apache is now running with the following command:

    sudosystemctl status apache2

- if it is not working

    sudosystemctl start apache2

Install mariadb

- Install mariaDB

sudo apt install mariadb-server mariadb-client

- Check mariadb Installation

sudosystemctl status mysql

(if it is not working sudosystemctl start mysql)

```
lines 1-27/27 (END)...skipping...
●mariadb.service - MariaDB 10.5.12 database server
     Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor preset: enabled)
     Active: active (running) since Tue 2021-09-28 19:54:42 IST; 24min ago
       Docs: man:mariadbd(8)
             https://mariadb.com/kb/en/library/systemd/
    Process: 633 ExecStartPre=/usr/bin/install -m 755 -o mysql -g root -d /var/run/mysqld (code=exite>
    Process: 648 ExecStartPre=/bin/sh -c systemctl unset-environment _WSREP_START_POSITION (code=exit>
    Process: 652 ExecStartPre=/bin/sh -c [ ! -e /usr/bin/galera_recovery ] && VAR= ||   VAR=`cd /usr/>
    Process: 918 ExecStartPost=/bin/sh -c systemctl unset-environment _WSREP_START_POSITION (code=exi>
    Process: 920 ExecStartPost=/etc/mysql/debian-start (code=exited, status=0/SUCCESS)
   Main PID: 741 (mariadbd)
     Status: "Taking your SQL requests now..."
      Tasks: 8 (limit: 1389)
     Memory: 31.6M
     CGroup: /system.slice/mariadb.service
             └─741 /usr/sbin/mariadbd

Sep 28 19:54:41 silja-VirtualBox mariadbd[741]: 2021-09-28 19:54:41 0 [Note] Reading of all Master_in>
Sep 28 19:54:41 silja-VirtualBox mariadbd[741]: 2021-09-28 19:54:41 0 [Note] Added new Master_info ''>
Sep 28 19:54:41 silja-VirtualBox mariadbd[741]: 2021-09-28 19:54:41 0 [Note] /usr/sbin/mariadbd: read>
Sep 28 19:54:41 silja-VirtualBox mariadbd[741]: Version: '10.5.12-MariaDB-0ubuntu0.21.04.1'  socket: >
Sep 28 19:54:42 silja-VirtualBox systemd[1]: Started MariaDB 10.5.12 database server.
Sep 28 19:54:43 silja-VirtualBox /etc/mysql/debian-start[928]: Looking for 'mysql' as: /usr/bin/mysql
Sep 28 19:54:43 silja-VirtualBox /etc/mysql/debian-start[928]: Looking for 'mysqlcheck' as: /usr/bin/>
Sep 28 19:54:43 silja-VirtualBox /etc/mysql/debian-start[928]: This installation of MariaDB is alread>
Sep 28 19:54:43 silja-VirtualBox /etc/mysql/debian-start[955]: Checking for insecure root accounts.
Sep 28 19:54:43 silja-VirtualBox /etc/mysql/debian-start[959]: Triggering myisam-recover for all MyIS>
~
```

Install PHP

- Install PHP

  sudo apt install php libapache2-mod-php php-opcachephp-cli php-gdphp-curl php-mysql
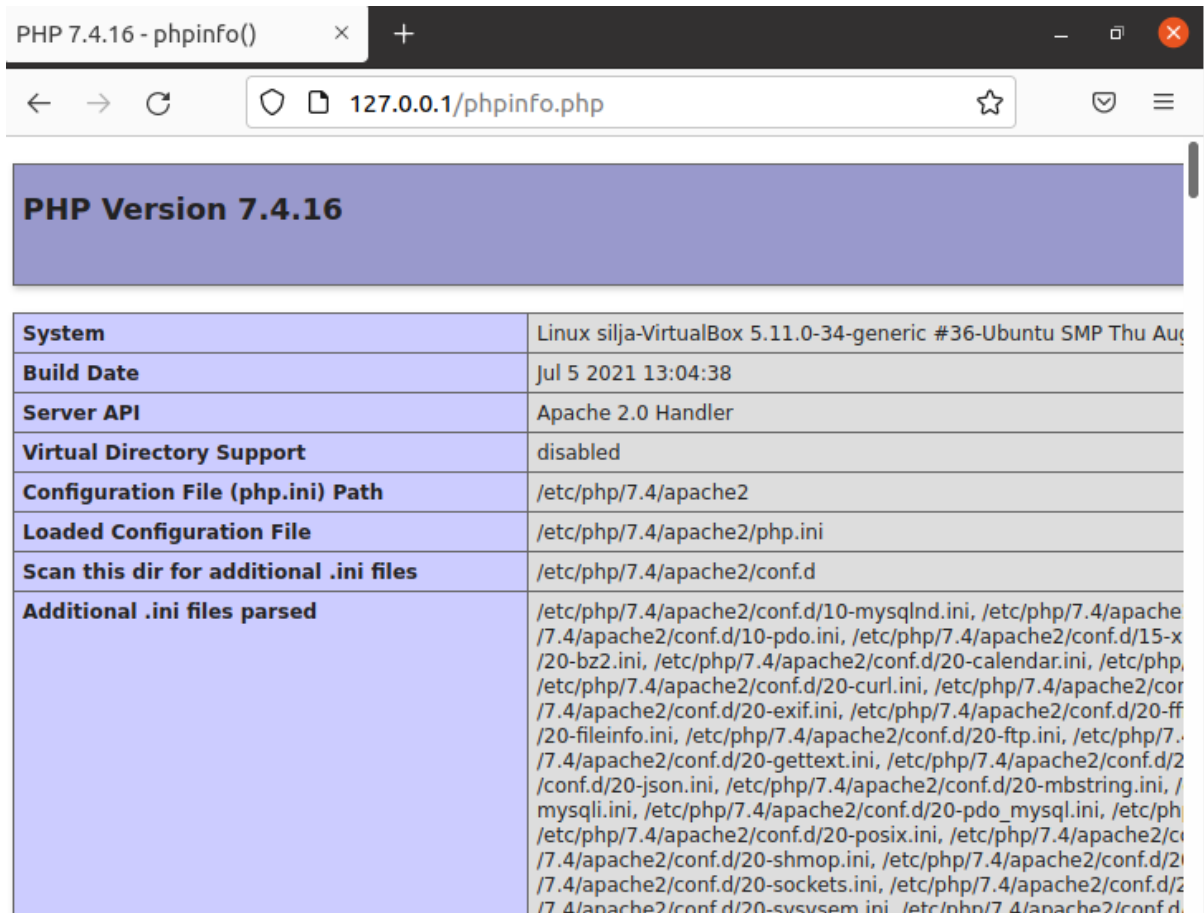
- Restart apache2

  sudosystemctl restart apache2

- Now you can check php installation

  sudo echo "<?phpphpinfo(); ?>" | sudo tee -a /var/www/html/phpinfo.php>/dev/null

- Open a browser

http://127.0.0.1/phpinfo.php

Install phpmyadmin

- Install phpmyadmin

  sudo apt install phpmyadminphp-mbstringphp-zip php-gdphp-jsonphp-curl

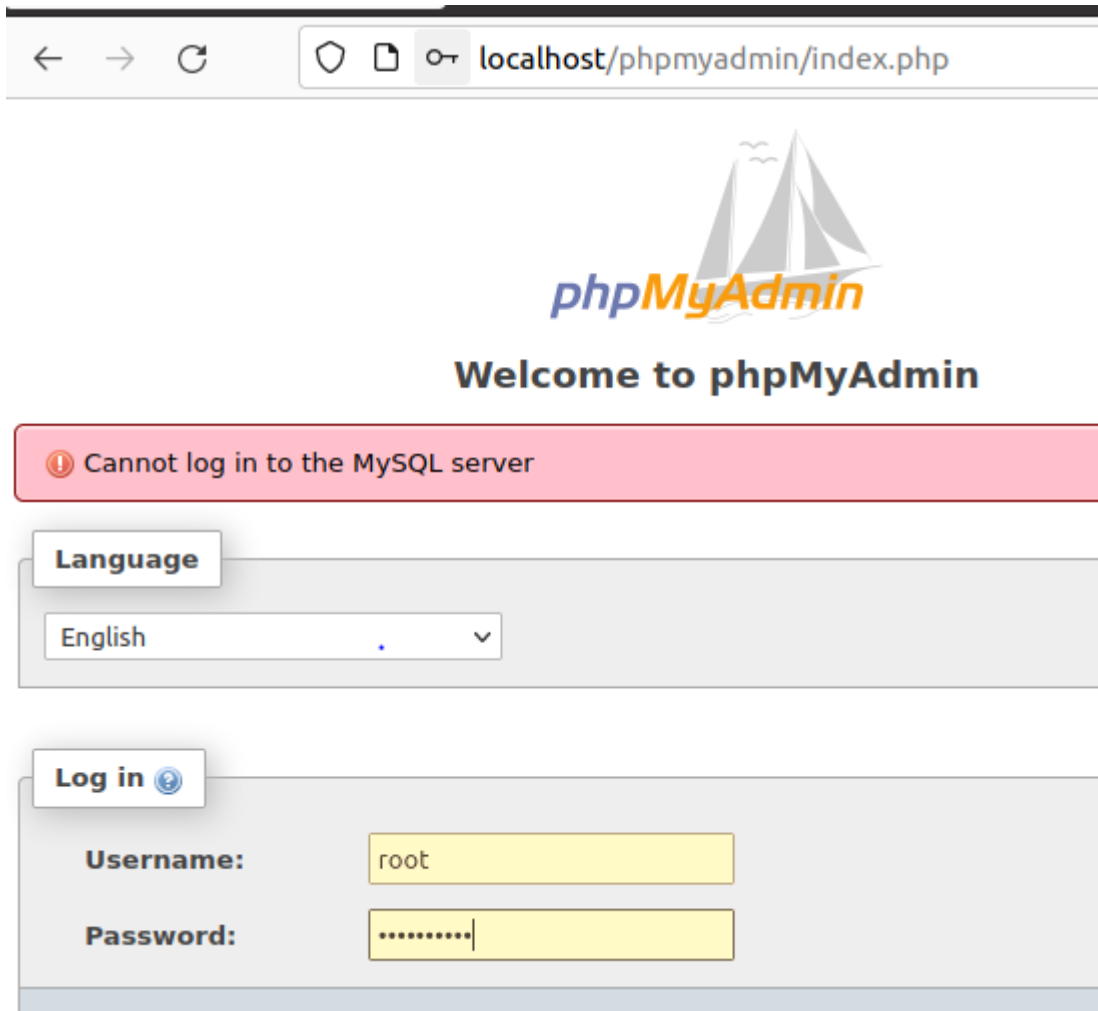 (It ask for webserver select apache2, select db configuration and set password)

- Restart apache2

  sudosystemctl restart apache2

- Check phpmyadmin

● Open a browser

http://localhost/phpmyadmin