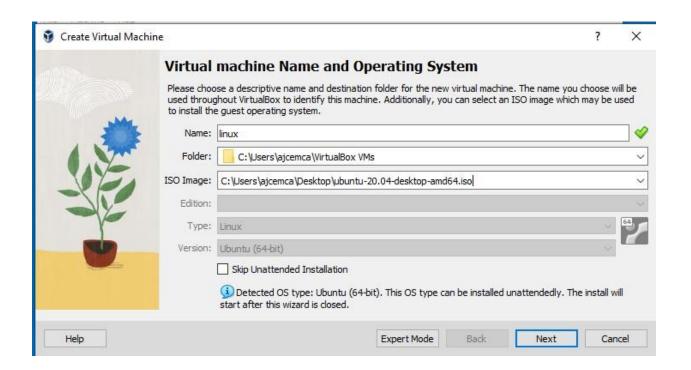
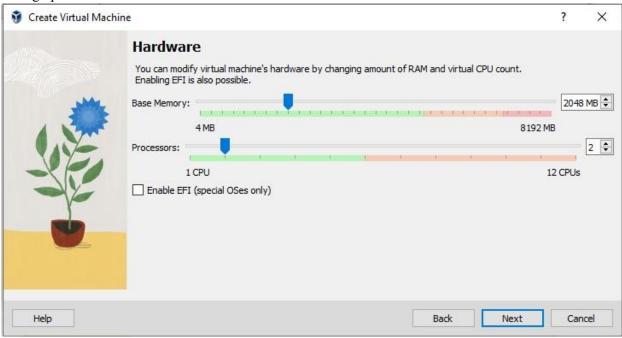
Installation of LAMP on Oracle Virtual Box

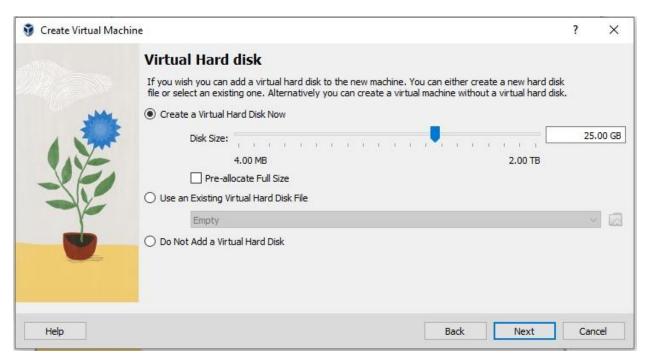


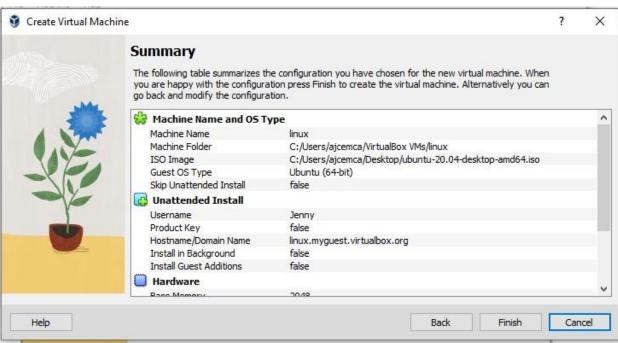


Installation of Linux

Setting up resources







Installation of Apache

\$ apt install apache2



Start Apache

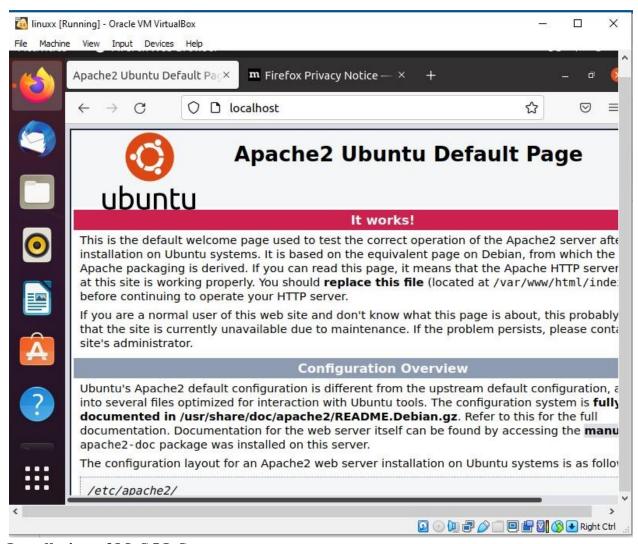
\$ sudo systemctl start apache2

Check status of Apache

\$ sudo systemctl status apache2

```
mca@mca:~$ sudo systemctl start apache2
mca@mca:~$ sudo systemctl status apache2
apache2.service - The Apache HTTP Server
     Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor pres>
    Active: active (running) since Wed 2023-06-21 15:58:00 IST; 21min ago
       Docs: https://httpd.apache.org/docs/2.4/
  Main PID: 2813 (apache2)
     Tasks: 55 (limit: 2295)
    Memory: 5.5M
    CGroup: /system.slice/apache2.service
              -2813 /usr/sbin/apache2 -k start
             -2815 /usr/sbin/apache2 -k start
              -2816 /usr/sbin/apache2 -k start
Jun 21 15:58:00 mca systemd[1]: Starting The Apache HTTP Server...
Jun 21 15:58:00 mca apachectl[2812]: AH00558: apache2: Could not reliably dete
Jun 21 15:58:00 mca systemd[1]: Started The Apache HTTP Server.
lines 1-15/15 (END)
```

Check localhost



Installation of MySQL Server

\$ sudo apt install mysql-server -y

```
mca@mca:~$ sudo apt install mysql-server -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libaio1 libcgi-fast-perl libcgi-pm-perl libevent-core-2.1-7
  libevent-pthreads-2.1-7 libfcgi-perl libhtml-template-perl libmecab2
  mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0
  mysql-client-core-8.0 mysql-server-8.0 mysql-server-core-8.0
Suggested packages:
  libipc-sharedcache-perl mailx tinyca
The following NEW packages will be installed:
  libaio1 libcgi-fast-perl libcgi-pm-perl libevent-core-2.1-7
  libevent-pthreads-2.1-7 libfcgi-perl libhtml-template-perl libmecab2
 mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0
 mysql-client-core-8.0 mysql-server mysql-server-8.0 mysql-server-core-8.0
O upgraded, 16 newly installed, O to remove and 362 not upgraded.
Need to get 36.5 MB of archives.
```

Start MySQL

\$ sudo systemctl start mysql

Check status of MySQL

\$ sudo systemctl status mysql

Enter into MySQL from CLI

\$ sudo muysql

```
Mca@mca:~$ sudo mysql
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.33-Oubuntu0.20.04.2 (Ubuntu)

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

mysql>
```

show databases;

Installation of PHP

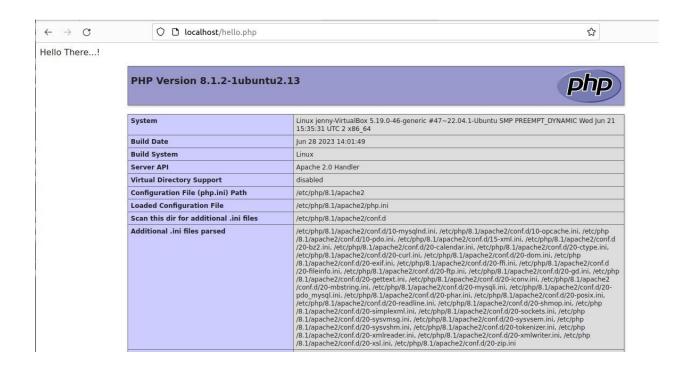
\$apt install libapache2-mod-php php-mysql

```
root@mca:/home/mca# apt install php libapache2-mod-php php-mysql
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
    libapache2-mod-php7.4 php-common php7.4 php7.4-cli php7.4-common
    php7.4-json php7.4-mysql php7.4-opcache php7.4-readline
Suggested packages:
    php-pear
The following NEW packages will be installed:
    libapache2-mod-php libapache2-mod-php7.4 php php-common php-mysql php7.4
    php7.4-cli php7.4-common php7.4-json php7.4-mysql php7.4-opcache
    php7.4-readline
```

Installation of phpMyAdmin

\$apt install phpmyadmin

```
Options marked [*] produce a lot of output - pipe it the root@mca:/home/mca# apt install phpmyadmin -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and
```



To enable phpMyAdmin open the /etc/apache2/apache2.conf file using a text editor.

\$ vi /etc/apache2/apache2.conf

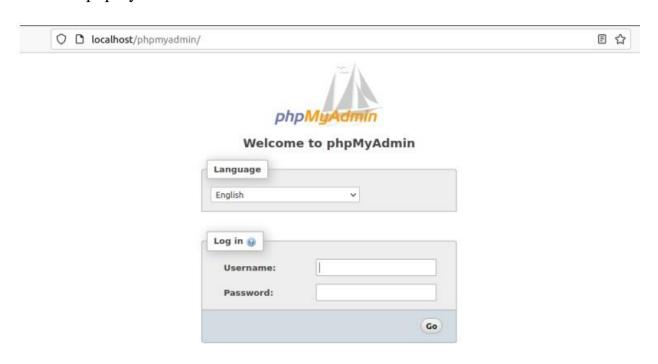
root@mca:/home/mca# vi /etc/apache2/apache2.conf

Include /etc/phpmyadmin/apache.conf

Include /etc/phpmyadmin/apache.conf

Restart apache. go to

localhost/phpmyadmin/



change password

mysql> alter user root@localhost identified with caching_sha2_password by "root"; Query OK, 0 rows affected (0.35 sec)

fetching some contents



localhost/phpmyadmin/index.php

