

LUbuntu - Xampp

LAB

LUbuntu is a lightweight Linux distribution based on Ubuntu, using the LXQt desktop environment in place of Ubuntu's GNOME desktop. Lubuntu is touted as being "lighter, less resource hungry and more energy-efficient", but also aims to be "a functional yet modular distribution focused on letting users use their computer."

1. `apt-get update` : Update is used to resynchronize the package index files from their sources on Ubuntu Linux via the Internet.
2. `apt-get upgrade` : Upgrade is used to install the newest versions of all packages currently installed on the Ubuntu system.

How to install XAMPP on Lubuntu 19.04 X64

For individuals who don't like installing separately one by one for PHP, MySQL, and Apache web server, maybe you prefer using LAMP stack such as XAMPP, then go for it use XAMPP.

The current XAMPP installation also comes with php 7.1 just like the default php on lubuntu 19.04 official repo, but XAMPP uses MariaDB instead of MySQL, but basically they are the same.

Before we begin, if you previously installed apache and mysql server separately, you need to stop the service, because XAMPP will use the same port number.

```
$ sudo service apache2 stop  
$ sudo service mysql stop
```

How to install XAMPP on Lubuntu 19.04

- download XAMPP for linux version 7.4.10

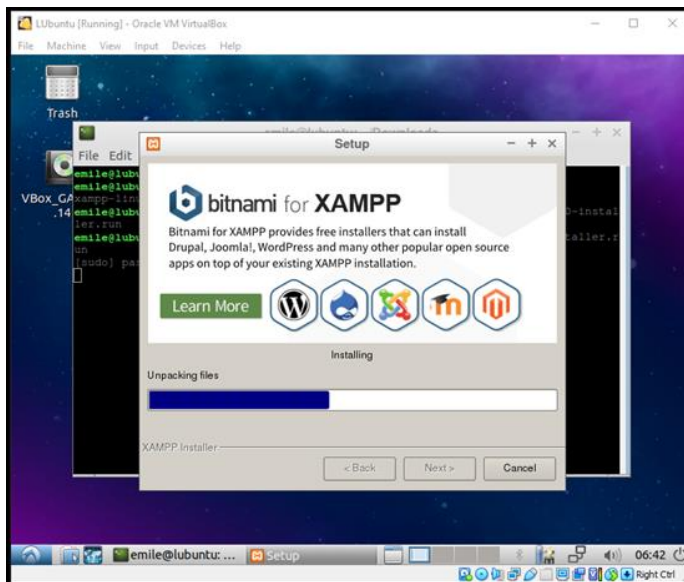
- open command line/terminal on lubuntu
- give permission to the XAMPP .run installer (*assuming the XAMPP installer is located at ~/Downloads/ folder*)

```
$ chmod +rx ~/Downloads/xampp-linux-x64-7.4.10-0-installer.run
```

- run the XAMPP .run installer

```
$ sudo ~/Downloads/xampp-linux-x64-7.4.10-0-installer.run
```

- finish XAMPP installation setup wizard



How to start, stop, restart XAMPP from command line

- starting xampp

```
$ sudo /opt/lampp/lampp start
```

- stopping xampp

```
$ sudo /opt/lampp/lampp stop
```

- restarting xampp

```
$ sudo /opt/lampp/lampp restart
```



How to start, stop, restart XAMPP using GUI tool

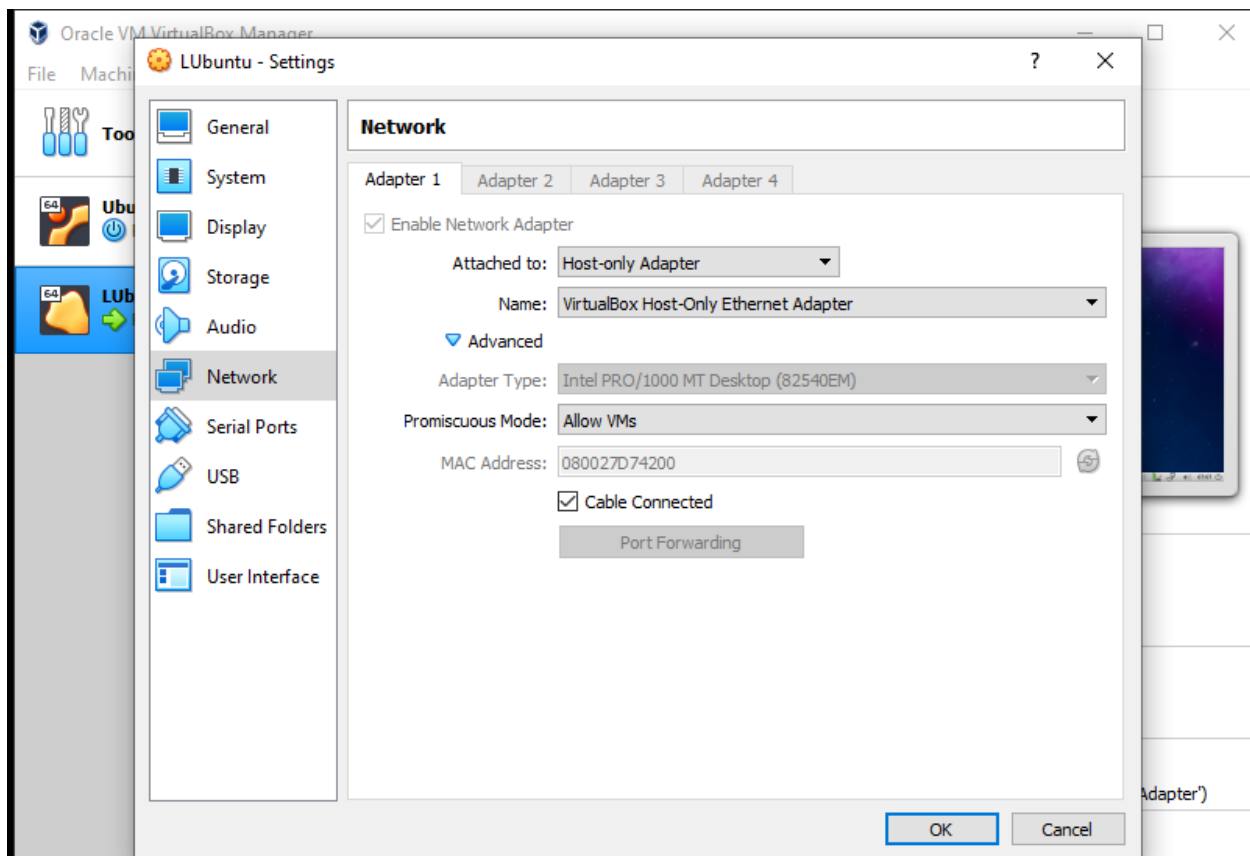
You still need the command line to open the GUI tool though

```
$ sudo /opt/lampp/manager-linux-x64.run
```

Where is XAMPP located?

By default xampp will be installed under */opt/lampp*, and for the document root of apache web server is */opt/lampp/htdocs/*, this is where you should put your web files such as html, css, php, js, and so on. You can visit <http://localhost/> to access the local web server.

Allow host machine access to virtual webserver.



Run the following commands

Get ip address of virtual webserver.

```
$ ifconfig
```

Go to host machine web browser and type

```
http:// <virtual web server ip address>
```