

Notice guide for install the suite LAMP

SAE 2.03

Reiner Killian, Ramirez Célyan, Michel Ugo, Michel Léo

In this tutorial, we'll see how to install the LAMP stack on your computer.

First of all, we'll have to install a Linux distribution in a virtual machine. We choose Ubuntu for you, because it's very simple and ergonomic.

To install it, go to <https://ubuntu.com/> and then click on the section "Download" in the navigation section, and finally click on "Ubuntu Desktop" and on the green button "Download" on the right of the page. It will download a .iso file. Once the download is done, keep the .iso file somewhere accessible on your computer.

We will assume that you have installed Ubuntu on your virtual machine.

When you have started Ubuntu for the first time, choose your language and click on "Install Ubuntu".

Then choose your keyboard language, click on next and select minimal installation, then click on next.

Now, enter the information Ubuntu needs like your name, password, etc... And that's it, Ubuntu is installed.

Once you're on your Ubuntu, you'll use the command line interface of it. To open it, press simultaneously CTRL+ALT+T.

First of all, make sure that your system is up to date. To check if it is, enter `sudo apt-get update` in the command line interface. Make sure to keep the command line interface open, we'll use it for the installation of Apache, mySQL and PHP.

Now, to install the rest of LAMP on your Ubuntu, follow these steps :

1. To install Apache, enter `sudo apt install apache2`. If Apache is correctly installed, `systemctl status apache2` will indicate it to you.
2. To install mySQL, enter `sudo apt install mysql-server`. If mySQL is correctly installed, `systemctl is-active mysql` will indicate it to you.
3. To install PHP, enter `sudo apt install php8.1`. If PHP is correctly installed, `php -v` will indicate it to you.

That's it, the LAMP stack is installed on your computer.