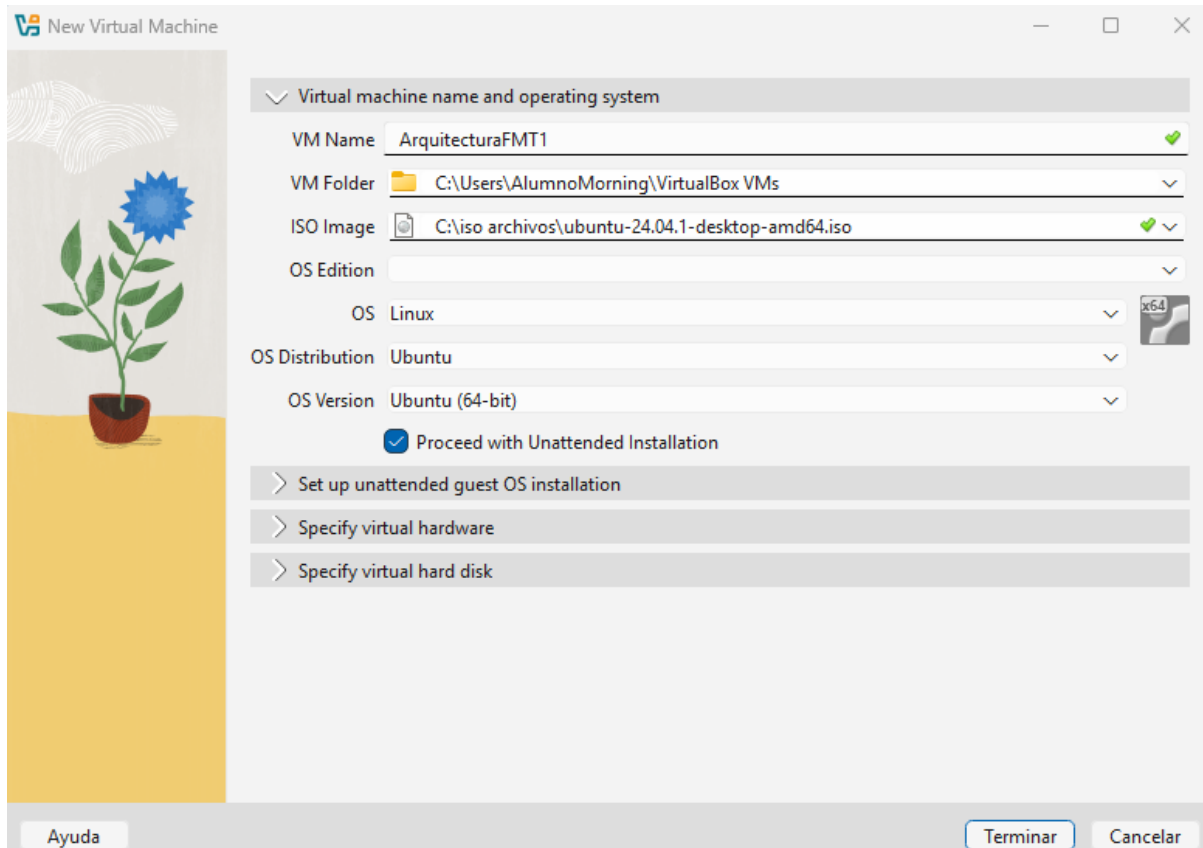


TRABAJO FRANCISCO MACHO TOLEDO

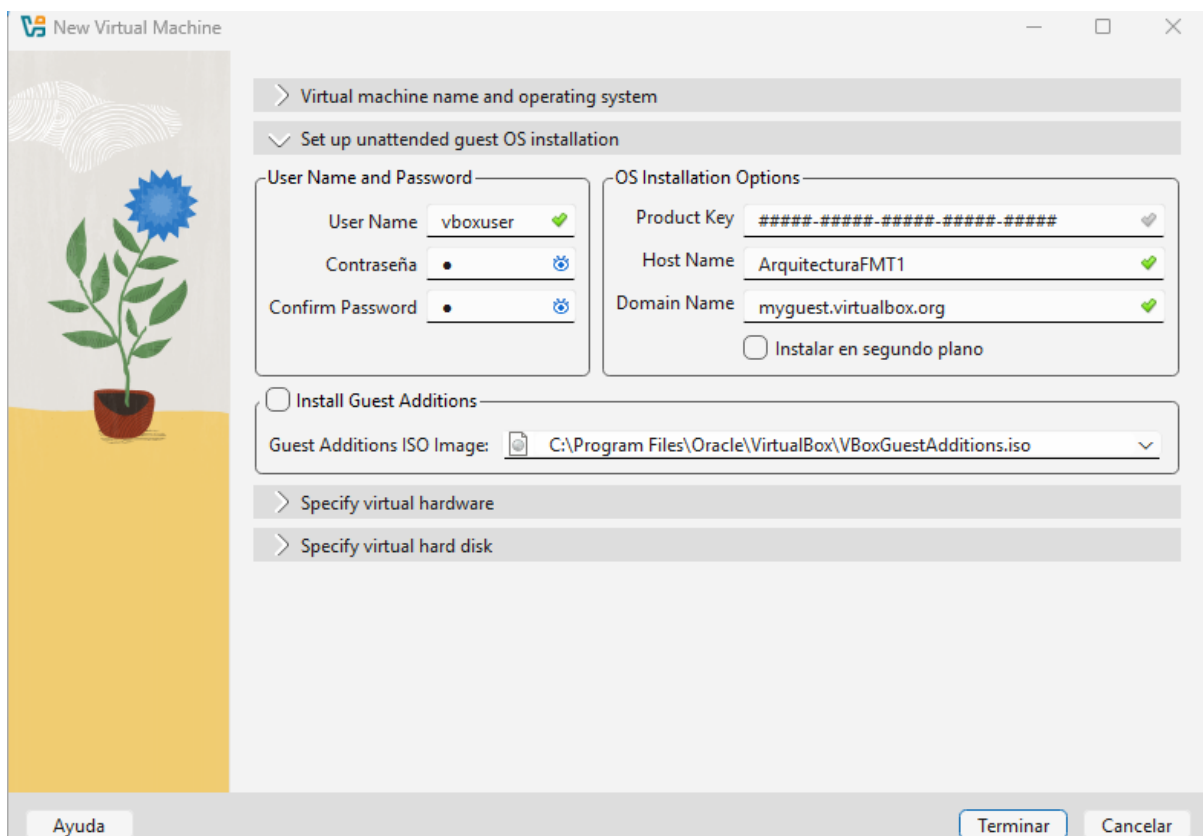
1. INSTALACION DE LA MAQUINA UBUNTU



The screenshot shows the 'New Virtual Machine' wizard in Oracle VM VirtualBox. The window title is 'New Virtual Machine'. On the left is a decorative image of a potted plant. The main area contains the following settings:

- Virtual machine name and operating system** (expanded):
 - VM Name: (with a green checkmark icon)
 - VM Folder: (with a folder icon)
 - ISO Image: (with a document icon and a green checkmark icon)
 - OS Edition:
 - OS: (with a dropdown arrow and an 'x64' icon)
 - OS Distribution: (with a dropdown arrow)
 - OS Version: (with a dropdown arrow)
 - ☒ Proceed with Unattended Installation
- Set up unattended guest OS installation** (collapsed)
- Specify virtual hardware** (collapsed)
- Specify virtual hard disk** (collapsed)

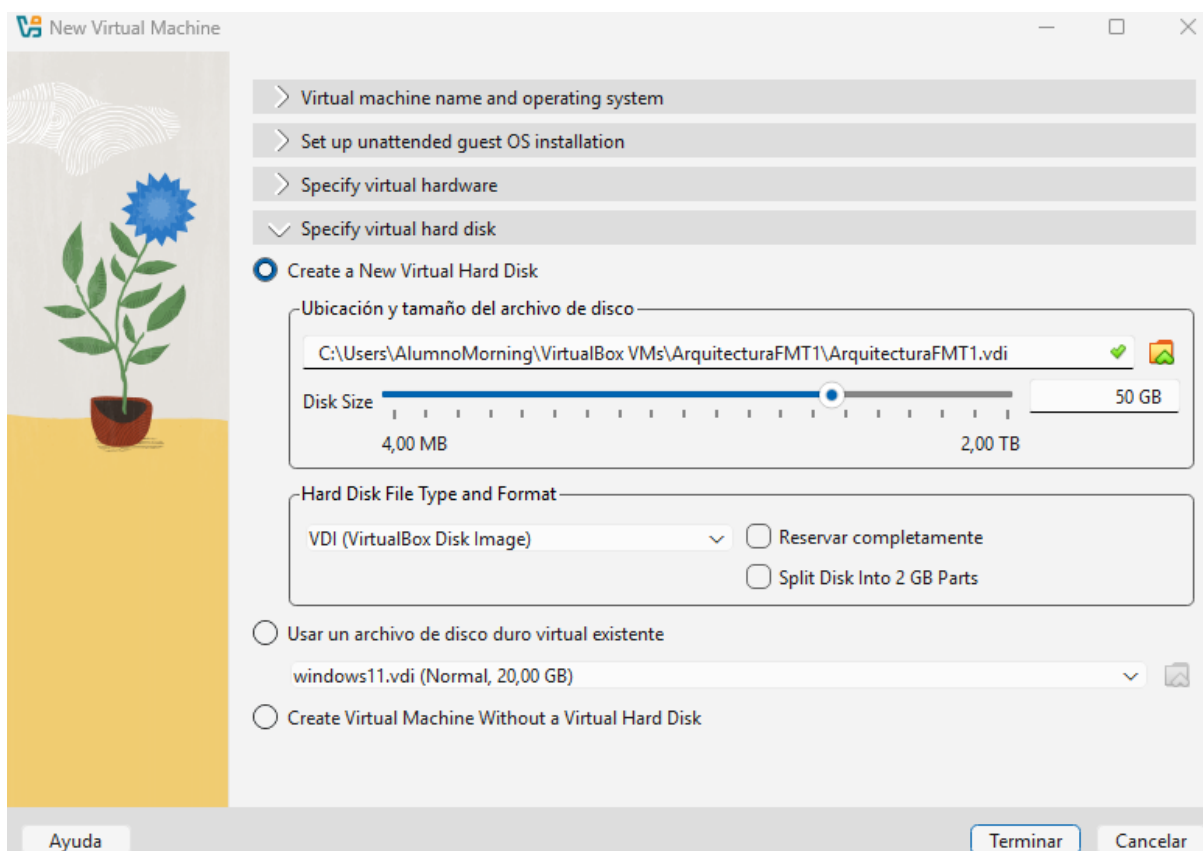
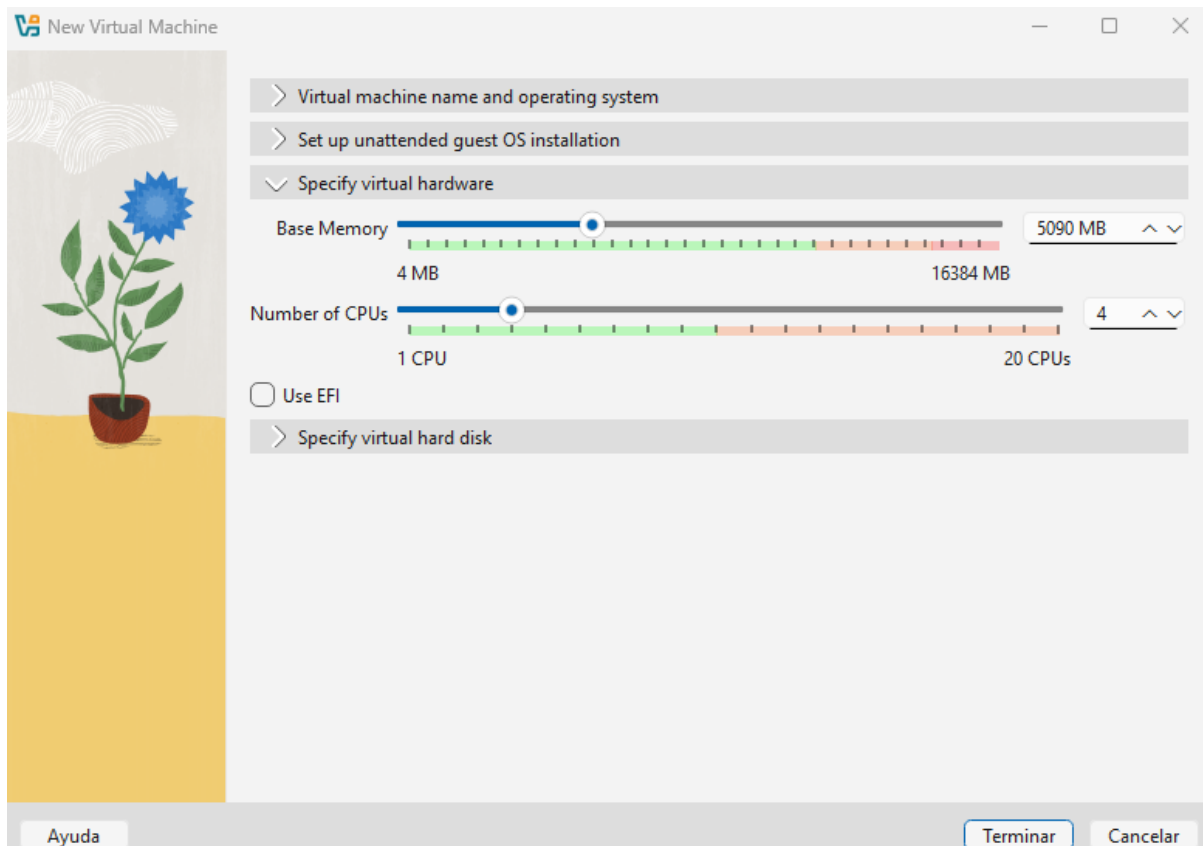
At the bottom, there are three buttons: 'Ayuda', 'Terminar', and 'Cancelar'.

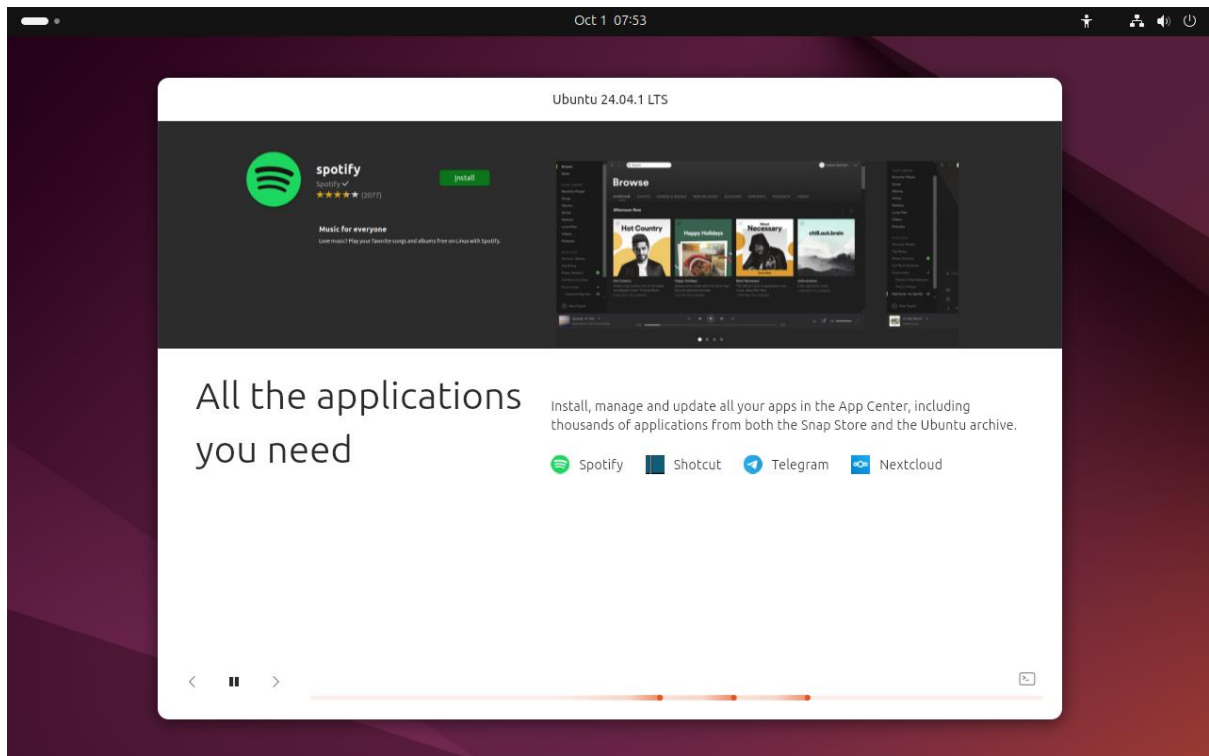


The screenshot shows the 'New Virtual Machine' wizard in Oracle VM VirtualBox, Step 2: Set up unattended guest OS installation. The window title is 'New Virtual Machine'. On the left is a decorative image of a potted plant. The main area contains the following settings:

- Virtual machine name and operating system** (collapsed)
- Set up unattended guest OS installation** (expanded):
 - User Name and Password**:
 - User Name: (with a green checkmark icon)
 - Contraseña: (with a blue eye icon)
 - Confirm Password: (with a blue eye icon)
 - OS Installation Options**:
 - Product Key: (with a heart icon)
 - Host Name: (with a green checkmark icon)
 - Domain Name: (with a green checkmark icon)
 - ☐ Instalar en segundo plano
 - ☐ Install Guest Additions
 - Guest Additions ISO Image: (with a document icon)
- Specify virtual hardware** (collapsed)
- Specify virtual hard disk** (collapsed)

At the bottom, there are three buttons: 'Ayuda', 'Terminar', and 'Cancelar'.





2. ACTUALIZAR EL SISTEMA

```
vboxuser@ArquitecturaFMT1:~$ sudo apt update && sudo apt upgrade -y
```

```
Oct 1 08:22
vboxuser@ArquitecturaFMT1:~
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

vboxuser@ArquitecturaFMT1:~$ sudo apt update && sudo apt upgrade -y
[sudo] password for vboxuser:
Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:2 http://es.archive.ubuntu.com/ubuntu noble InRelease
Hit:3 http://es.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:4 http://es.archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
264 packages can be upgraded. Run 'apt list --upgradable' to see them.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
The following packages were automatically installed and are no longer required:
  libgl1-amber-dri libglapi-mesa libllvm17t64 python3-netifaces
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  libllvm20 libmalcontent-0-0 mesa-libgallium
The following upgrades have been deferred due to phasing:
  cloud-init
The following packages have been kept back:
  libgl1-amber-dri libglapi-mesa
The following packages will be upgraded:
  acl alsa-ucm-conf apparmor apt apt-utils base-files bind9-dnsutils bind9-host bind9-libs bluez bluez-cups
  bluez-obexd bsdxtrautils bsduutils coreutils cups-browsed dconf-cli dconf-gsettings-backend dconf-service
  distro-info-data dmidecode dmsetup dns-root-data dnsmasq-base dracut-install eject evince evince-common fdisk
  fonts-noto-color-emoji fwupd gdm3 gir1.2-gdm-1.0 gir1.2-gnomebluetooth-3.0 gir1.2-gtk-3.0 gir1.2-gtk-4.0
  gir1.2-mutter-14 gir1.2-nm-1.0 gir1.2-packagekitglib-1.0 gir1.2-polkit-1.0 gnome-bluetooth-3-common
  gnome-bluetooth-sendto gnome-calculator gnome-control-center gnome-control-center-data gnome-control-center-faces
```

3. INSTALAR APACHE2

```
vboxuser@ArquitecturaFMT1:~$ sudo apt install apache2 -y
```

```
vboxuser@ArquitecturaFMT1:~$ sudo apt install apache2 -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libgl1-amber-dri libglapi-mesa libllvm17t64 python3-netifaces
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ld
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ld
0 upgraded, 8 newly installed, 0 to remove and 3 not upgraded.
Need to get 1,902 kB of archives.
After this operation, 7,451 kB of additional disk space will be used.
Get:1 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 libapr1t64 amd64 1.7.2-3.1ubuntu0.1 amd64 1.7.2-3.1ubuntu0.1
Get:2 http://es.archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1t64 amd64 1.6.3-1.1ubuntu7 amd64 1.6.3-1.1ubuntu7
Get:3 http://es.archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1-dbd-sqlite3 amd64 1.6.3-1.1ubuntu7 amd64 1.6.3-1.1ubuntu7
Get:4 http://es.archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1-ldap amd64 1.6.3-1.1ubuntu7 amd64 1.6.3-1.1ubuntu7
Get:5 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-bin amd64 2.4.58-1ubuntu0.2 amd64 2.4.58-1ubuntu0.2
Get:6 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-data all 2.4.58-1ubuntu0.2 all 2.4.58-1ubuntu0.2
Get:7 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-utils amd64 2.4.58-1ubuntu0.2 amd64 2.4.58-1ubuntu0.2
Get:8 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2 amd64 2.4.58-1ubuntu0.2 amd64 2.4.58-1ubuntu0.2
Fetched 1,902 kB in 2s (1,141 kB/s)
Selecting previously unselected package libapr1t64:amd64.
(Reading database ... 150157 files and directories currently installed.)
Preparing to unpack .../0-libapr1t64_1.7.2-3.1ubuntu0.1_amd64.deb ...
Unpacking libapr1t64:amd64 (1.7.2-3.1ubuntu0.1) ...
Selecting previously unselected package libaprutil1t64:amd64.
Preparing to unpack .../1-libaprutil1t64_1.6.3-1.1ubuntu7_amd64.deb ...
Unpacking libaprutil1t64:amd64 (1.6.3-1.1ubuntu7) ...
Selecting previously unselected package libaprutil1-dbd-sqlite3:amd64.
Preparing to unpack .../2-libaprutil1-dbd-sqlite3_1.6.3-1.1ubuntu7_amd64.deb ...
Unpacking libaprutil1-dbd-sqlite3:amd64 (1.6.3-1.1ubuntu7) ...
Selecting previously unselected package libaprutil1-ldap:amd64.
Preparing to unpack .../3-libaprutil1-ldap_1.6.3-1.1ubuntu7_amd64.deb ...
Unpacking libaprutil1-ldap:amd64 (1.6.3-1.1ubuntu7) ...
Selecting previously unselected package apache2-bin.
Preparing to unpack .../4-apache2-bin_2.4.58-1ubuntu0.2_amd64.deb ...
Unpacking apache2-bin (2.4.58-1ubuntu0.2) ...
Selecting previously unselected package apache2-data.
Preparing to unpack .../5-apache2-data_2.4.58-1ubuntu0.2_all.deb ...
Unpacking apache2-data (2.4.58-1ubuntu0.2) ...
Selecting previously unselected package apache2-utils.
Preparing to unpack .../6-apache2-utils_2.4.58-1ubuntu0.2_amd64.deb ...
Unpacking apache2-utils (2.4.58-1ubuntu0.2) ...
Selecting previously unselected package apache2.
Preparing to unpack .../7-apache2_2.4.58-1ubuntu0.2_amd64.deb ...
Unpacking apache2 (2.4.58-1ubuntu0.2) ...
```

4. INSTALAR PHP

```
vboxuser@ArquitecturaFMT1:~$ sudo apt install php libapache2-mod-php -y
```

```
vboxuser@ArquitecturaFMT1:~$ sudo apt install php libapache2-mod-php -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libgl1-amber-dri libglapi-mesa libllvm17t64 python3-netifaces
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  libapache2-mod-php8.3 libsodium23 php-common php8.3 php8.3-cli php8.3-common php8.3-opcache php8.3-readline
Suggested packages:
  php-pear
The following NEW packages will be installed:
  libapache2-mod-php libapache2-mod-php8.3 libsodium23 php php-common php8.3 php8.3-cli php8.3-common php8.3-opcache php8.3-readline
0 upgraded, 10 newly installed, 0 to remove and 3 not upgraded.
Need to get 5,084 kB of archives.
After this operation, 22.8 MB of additional disk space will be used.
Get:1 http://es.archive.ubuntu.com/ubuntu noble/main amd64 php-common all 2:93ubuntu2 [13.1 kB]
Get:2 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 php8.3-common amd64 8.3.6-1ubuntu0.2 amd64 8.3.6-1ubuntu0.2
Get:3 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 php8.3-opcache amd64 8.3.6-1ubuntu0.2 amd64 8.3.6-1ubuntu0.2
Get:4 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 php8.3-readline amd64 8.3.6-1ubuntu0.2 amd64 8.3.6-1ubuntu0.2
Get:5 http://es.archive.ubuntu.com/ubuntu noble/main amd64 libsodium23 amd64 1.0.18-1build1 amd64 1.0.18-1build1
Get:6 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 php8.3-cli amd64 8.3.6-1ubuntu0.2 amd64 8.3.6-1ubuntu0.2
Get:7 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 libapache2-mod-php8.3 amd64 8.3.6-1ubuntu0.2 amd64 8.3.6-1ubuntu0.2
Get:8 http://es.archive.ubuntu.com/ubuntu noble/main amd64 libapache2-mod-php all 2:8.3+9ubuntu2 [4,071 B]
Get:9 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 php8.3 all 8.3.6-1ubuntu0.2 all 8.3.6-1ubuntu0.2
Get:10 http://es.archive.ubuntu.com/ubuntu noble/main amd64 php all 2:8.3+9ubuntu2 [4,071 B]
Fetched 5,084 kB in 5s (1,031 kB/s)
Selecting previously unselected package php-common.
(Reading database ... 150863 files and directories currently installed.)
Preparing to unpack .../0-php-common_2%3a93ubuntu2_all.deb ...
Unpacking php-common (2:93ubuntu2) ...
Selecting previously unselected package libsodium23:amd64.
Preparing to unpack .../1-libsodium23_1.0.18-1build1_amd64.deb ...
Unpacking libsodium23:amd64 (1.0.18-1build1) ...
Selecting previously unselected package php8.3-common.
Preparing to unpack .../2-php8.3-common_8.3.6-1ubuntu0.2_amd64.deb ...
Unpacking php8.3-common (8.3.6-1ubuntu0.2) ...
Selecting previously unselected package php8.3-opcache.
Preparing to unpack .../3-php8.3-opcache_8.3.6-1ubuntu0.2_amd64.deb ...
Unpacking php8.3-opcache (8.3.6-1ubuntu0.2) ...
Selecting previously unselected package php8.3-readline.
Preparing to unpack .../4-php8.3-readline_8.3.6-1ubuntu0.2_amd64.deb ...
Unpacking php8.3-readline (8.3.6-1ubuntu0.2) ...
Selecting previously unselected package php8.3-cli.
Preparing to unpack .../5-php8.3-cli_8.3.6-1ubuntu0.2_amd64.deb ...
Unpacking php8.3-cli (8.3.6-1ubuntu0.2) ...
Selecting previously unselected package libapache2-mod-php8.3.
Preparing to unpack .../6-libapache2-mod-php8.3_8.3.6-1ubuntu0.2_amd64.deb ...
Unpacking libapache2-mod-php8.3 (8.3.6-1ubuntu0.2) ...
Selecting previously unselected package libapache2-mod-php.
Preparing to unpack .../7-libapache2-mod-php_2%3a8.3+9ubuntu2_all.deb ...
Unpacking libapache2-mod-php (2:8.3+9ubuntu2) ...
Selecting previously unselected package php.
Preparing to unpack .../8-php_2%3a8.3+9ubuntu2_all.deb ...
Unpacking php (2:8.3+9ubuntu2) ...
```

5. INICIAR APACHE

```
vboxuser@ArquitecturaFMT1:~$ sudo service apache2 start
```

```
vboxuser@ArquitecturaFMT1:~$ sudo service apache2 start
vboxuser@ArquitecturaFMT1:~$
```

6. VERIFICAR ESTADO DE APACHE

```
vboxuser@ArquitecturaFMT1:~$ sudo systemctl status apache2
```

```
vboxuser@ArquitecturaFMT1:~$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
   Active: active (running) since Wed 2025-10-01 08:26:37 UTC; 2min 39s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 33853 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
  Main PID: 33856 (apache2)
    Tasks: 6 (limit: 5770)
   Memory: 10.6M (peak: 11.1M)
      CPU: 116ms
   CGroup: /system.slice/apache2.service
           └─33856 /usr/sbin/apache2 -k start
             └─33861 /usr/sbin/apache2 -k start
               └─33862 /usr/sbin/apache2 -k start
                 └─33863 /usr/sbin/apache2 -k start
                   └─33864 /usr/sbin/apache2 -k start
                     └─33865 /usr/sbin/apache2 -k start

Oct 01 08:26:37 ArquitecturaFMT1 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Oct 01 08:26:37 ArquitecturaFMT1 apachectl[33855]: AH00558: apache2: Could not reliably determine the server's fully qualified domain name: [127.0.0.1]
Oct 01 08:26:37 ArquitecturaFMT1 systemd[1]: Started apache2.service - The Apache HTTP Server.
lines 1-20/20 (END)
```

7. CREAR ARCHIVO PHP INFO

```
vboxuser@ArquitecturaFMT1:~$ echo "<?php phpinfo(); 2?>" | sudo tee /var/www/html/info.php
```

```
vboxuser@ArquitecturaFMT1:~$ echo "<?php phpinfo(); 2?>" | sudo tee /var/www/html/info.php
<?php phpinfo(); 2?>
vboxuser@ArquitecturaFMT1:~$ curl http://localhost/info.php
Command 'curl' not found, but can be installed with:
sudo snap install curl # version 8.16.0, or
sudo apt install curl # version 8.5.0-2ubuntu10.6
See 'snap info curl' for additional versions.
vboxuser@ArquitecturaFMT1:~$
```

- No se puede instalar porque debo instalar antes el curl.

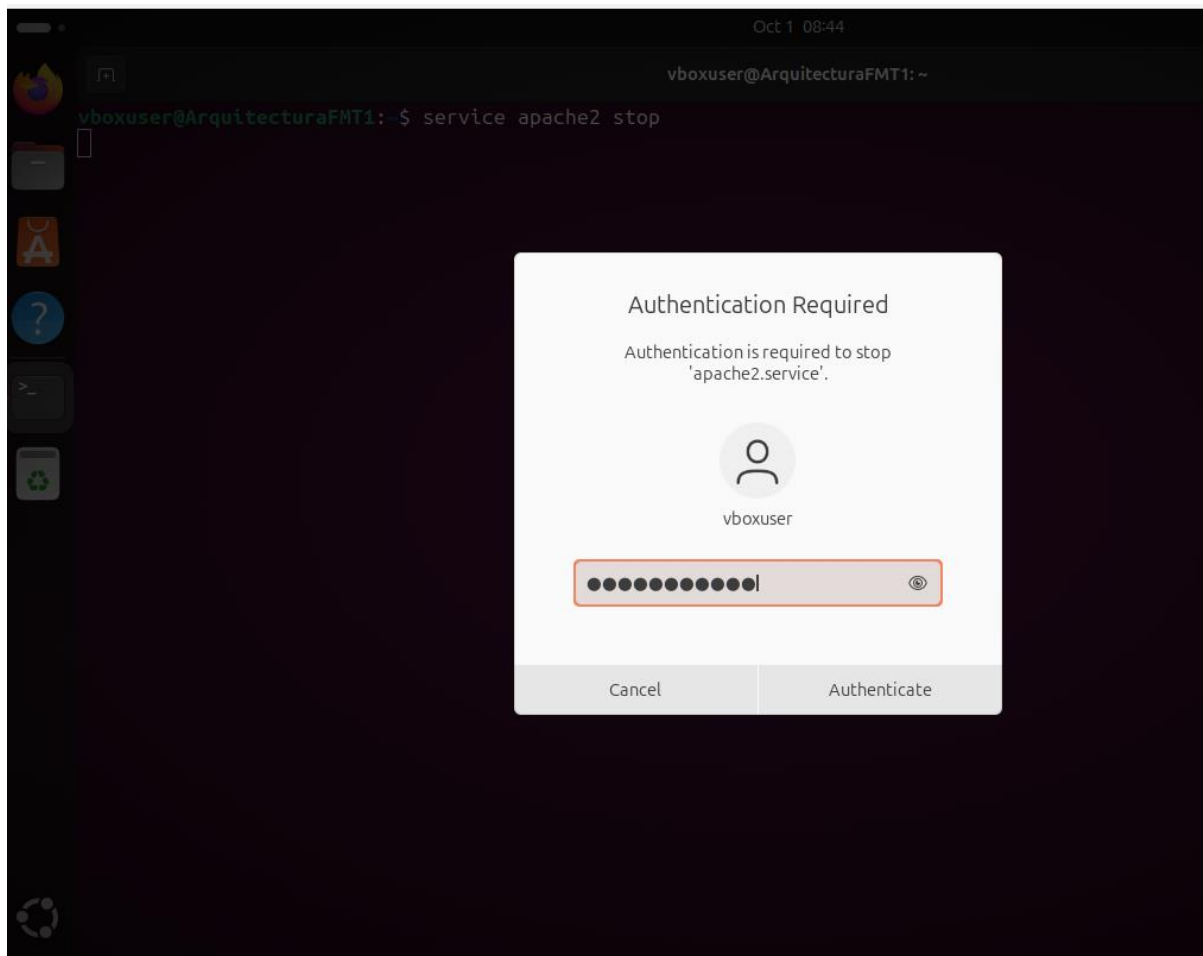
```
vboxuser@ArquitecturaFMT1:~$ sudo apt install curl
```

```
vboxuser@ArquitecturaFMT1:~$ sudo apt install curl
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libgl1-amber-dri libglapi-mesa libllvm17t64 python3-netifaces
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  curl
0 upgraded, 1 newly installed, 0 to remove and 3 not upgraded.
Need to get 226 kB of archives.
After this operation, 534 kB of additional disk space will be used.
Get:1 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 curl amd64 8.5.0-2ubuntu10.6
Fetched 226 kB in 1s (297 kB/s)
Selecting previously unselected package curl.
(Reading database ... 151003 files and directories currently installed.)
Preparing to unpack ../curl_8.5.0-2ubuntu10.6_amd64.deb ...
Unpacking curl (8.5.0-2ubuntu10.6) ...
Setting up curl (8.5.0-2ubuntu10.6) ...
Processing triggers for man-db (2.12.0-4build2) ...
vboxuser@ArquitecturaFMT1:~$
```

8. VERIFICAR EN NAVEGADOR

Volvemos a intentarlo:

```
vboxuser@ArquitecturaFMT1:~$ curl http://localhost/info.php
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"><head>
<style type="text/css">
body {background-color: #fff; color: #222; font-family: sans-serif;}
pre {margin: 0; font-family: monospace;}
a:link {color: #009; text-decoration: none; background-color: #fff;}
a:hover {text-decoration: underline;}
table {border-collapse: collapse; border: 0; width: 934px; box-shadow: 1px 2px 3px rgba(0, 0, 0, 0.2);}
.center {text-align: center;}
.center table {margin: 1em auto; text-align: left;}
.center th {text-align: center !important;}
td, th {border: 1px solid #666; font-size: 75%; vertical-align: baseline; padding: 4px 5px;}
th {position: sticky; top: 0; background: inherit;}
h1 {font-size: 150%;}
h2 {font-size: 125%;}
h2 a:link, h2 a:visited {color: inherit; background: inherit;}
.p {text-align: left;}
.e {background-color: #ccf; width: 300px; font-weight: bold;}
.h {background-color: #99c; font-weight: bold;}
.v {background-color: #ddd; max-width: 300px; overflow-x: auto; word-wrap: break-word;}
.v i {color: #999;}
img {float: right; border: 0;}
hr {width: 934px; background-color: #ccc; border: 0; height: 1px;}
:root {--php-dark-grey: #333; --php-dark-blue: #4F5B93; --php-medium-blue: #8892BF; --php-light-blue: #E2E4EF; --php-accent-purple: #793862}@media (prefers-color-scheme: dark) {
  body {background: var(--php-dark-grey); color: var(--php-light-blue)}
  .h td, td.e, th {border-color: #606A90}
  td {border-color: #505153}
  .e {background-color: #404A77}
  .h {background-color: var(--php-dark-blue)}
  .v {background-color: var(--php-dark-grey)}
  hr {background-color: #505153}
```

1. INSTALAR NGINX

```
vboxuser@ArquitecturaFMT1:~$ sudo apt install nginx -y
```

```
vboxuser@ArquitecturaFMT1:~$ sudo apt install nginx -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libgl1-amber-dri libglapi-mesa libllvm17t64 python3-netifaces
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  nginx-common
Suggested packages:
  fcgiwrap nginx-doc
The following NEW packages will be installed:
  nginx nginx-common
0 upgraded, 2 newly installed, 0 to remove and 3 not upgraded.
Need to get 564 kB of archives.
After this operation, 1,596 kB of additional disk space will be used.
Get:1 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx-common all 1.24.0-2ubuntu7.5 [11.5 kB]
Get:2 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx amd64 1.24.0-2ubuntu7.5 [552 kB]
Fetched 564 kB in 1s (816 kB/s)
Preconfiguring packages ...
Selecting previously unselected package nginx-common.
(Reading database ... 151010 files and directories currently installed.)
Preparing to unpack ../nginx-common_1.24.0-2ubuntu7.5_all.deb ...
Unpacking nginx-common (1.24.0-2ubuntu7.5) ...
Selecting previously unselected package nginx.
Preparing to unpack ../nginx_1.24.0-2ubuntu7.5_amd64.deb ...
Unpacking nginx (1.24.0-2ubuntu7.5) ...
Setting up nginx-common (1.24.0-2ubuntu7.5) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /usr/lib/systemd/system/nginx.service.
Could not execute systemctl: at /usr/bin/deb-systemd-invoke line 148.
Setting up nginx (1.24.0-2ubuntu7.5) ...
Not attempting to start NGINX, port 80 is already in use.
Processing triggers for man-db (2.12.0-4build2) ...
```

2. INICIAR NGINX Y VERIFICAMOS EL ESTADO DE NGINX

```
vboxuser@ArquitecturaFMT1:~$ sudo service nginx start
```

```
vboxuser@ArquitecturaFMT1:~$ sudo systemctl status nginx
```

```
vboxuser@ArquitecturaFMT1:~$ sudo service nginx start
vboxuser@ArquitecturaFMT1:~$ sudo systemctl status nginx
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; preset: enabled)
   Active: active (running) since Wed 2025-10-01 08:45:47 UTC; 26s ago
     Docs: man:nginx(8)
   Process: 34747 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Process: 34749 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
  Main PID: 34750 (nginx)
    Tasks: 5 (limit: 5770)
   Memory: 3.7M (peak: 4.4M)
      CPU: 18ms
   CGroup: /system.slice/nginx.service
           └─34750 "nginx: master process /usr/sbin/nginx -g daemon on; master_process on;"
             └─34751 "nginx: worker process"
               └─34752 "nginx: worker process"
                 └─34753 "nginx: worker process"
                   └─34754 "nginx: worker process"

Oct 01 08:45:47 ArquitecturaFMT1 systemd[1]: Starting nginx.service - A high performance web server and a reverse proxy>
Oct 01 08:45:47 ArquitecturaFMT1 systemd[1]: Started nginx.service - A high performance web server and a reverse proxy >
lines 1-19/19 (END)
```

3. CREAR ARCHIVO HTML Y VERIFICACIÓN EN NAVEGADOR

```
vboxuser@ArquitecturaFMT1:~$ echo "<h1>Hola Mundo desde Nginx</h1><p>Servidor funcionando correctamente</p>" | sudo tee /var/www/html/index.html
```

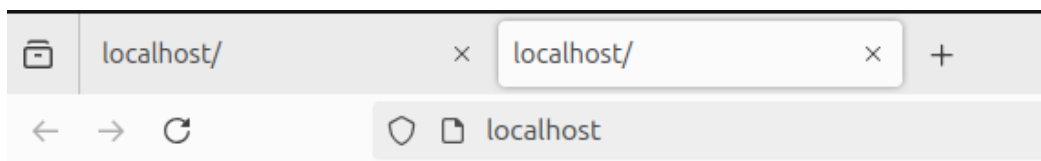
```
vboxuser@ArquitecturaFMT1:~$ curl http://localhost
```

```
vboxuser@ArquitecturaFMT1:~$ echo "<h1>Hola Mundo desde Nginx</h1><p>Servidor funcionando correctamente</p>" | sudo tee /var/www/html/index.html
<h1>Hola Mundo desde Nginx</h1><p>Servidor funcionando correctamente</p>
vboxuser@ArquitecturaFMT1:~$ curl http://localhost
<h1>Hola Mundo desde Nginx</h1><p>Servidor funcionando correctamente</p>
vboxuser@ArquitecturaFMT1:~$ curl -i http://localhost
HTTP/1.1 200 OK
Server: nginx/1.24.0 (Ubuntu)
Date: Wed, 01 Oct 2025 08:56:28 GMT
Content-Type: text/html
Content-Length: 73
Last-Modified: Wed, 01 Oct 2025 08:56:01 GMT
Connection: keep-alive
ETag: "68dceca1-49"
Accept-Ranges: bytes

<h1>Hola Mundo desde Nginx</h1><p>Servidor funcionando correctamente</p>
vboxuser@ArquitecturaFMT1:~$
```

```
vboxuser@ArquitecturaFMT1:~$ curl http://localhost
<h1>Hola Mundo desde Nginx</h1><p>Servidor funcionando correctamente</p>
vboxuser@ArquitecturaFMT1:~$ clear
```

Open Link
Copy Link
Copy
Copy as HTML
Paste
Read-Only
Preferences
New Window
New Tab
Show Menubar



Hola Mundo desde Nginx

Servidor funcionando correctamente

6. VER IP DE WSL (SI APLICA)

```
vboxuser@ArquitecturaFMT1:~$ ip addr show eth0 | grep inet
Device "eth0" does not exist.
vboxuser@ArquitecturaFMT1:~$
```

VEAMOS QUE DA ERROR, INSTALAMOS TOOLS

```
vboxuser@ArquitecturaFMT1:~$ sudo apt install net-tools
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libgl1-amber-dri libglapi-mesa libllvm17t64 python3-netifaces
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  net-tools
0 upgraded, 1 newly installed, 0 to remove and 3 not upgraded.
Need to get 204 kB of archives.
After this operation, 811 kB of additional disk space will be used.
Get:1 http://es.archive.ubuntu.com/ubuntu noble-updates/main amd64 net-tools amd64 2.10-0
Fetched 204 kB in 0s (437 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 151057 files and directories currently installed.)
Preparing to unpack .../net-tools_2.10-0.1ubuntu4.4_amd64.deb ...
Unpacking net-tools (2.10-0.1ubuntu4.4) ...
Setting up net-tools (2.10-0.1ubuntu4.4) ...
Processing triggers for man-db (2.12.0-4build2) ...
```

COMPROBAMOS IFCONFIG

```
vboxuser@ArquitecturaFMT1:~$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
    inet 10.0.2.15  netmask 255.255.255.0  broadcast 10.0.2.255
    inet6 fd17:625c:f037:2:a00:27ff:fe09:de06  prefixlen 64  scopeid 0x0<global>
    inet6 fe80::a00:27ff:fe09:de06  prefixlen 64  scopeid 0x20<link>
    inet6 fd17:625c:f037:2:a960:3cb7:7808:b77  prefixlen 64  scopeid 0x0<global>
    ether 08:00:27:09:de:06  txqueuelen 1000  (Ethernet)
    RX packets 271821  bytes 223522129 (223.5 MB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 123948  bytes 8000096 (8.0 MB)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
    inet 127.0.0.1  netmask 255.0.0.0
    inet6 ::1  prefixlen 128  scopeid 0x10<host>
    loop txqueuelen 1000  (Local Loopback)
    RX packets 1435  bytes 412850 (412.8 KB)
    RX errors 0  dropped 0  overruns 0  frame 0
    TX packets 1435  bytes 412850 (412.8 KB)
    TX errors 0  dropped 0  overruns 0  carrier 0  collisions 0

vboxuser@ArquitecturaFMT1:~$
```

CAMBIAMOS eth0 por enp0s3

```
vboxuser@ArquitecturaFMT1:~$ ip addr show enp0s3 | grep inet
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
    inet6 fd17:625c:f037:2:a960:3cb7:7808:b77/64 scope global temporary dynamic
    inet6 fd17:625c:f037:2:a00:27ff:fe09:de06/64 scope global dynamic mngtmpaddr
    inet6 fe80::a00:27ff:fe09:de06/64 scope link
vboxuser@ArquitecturaFMT1:~$
```