



TECNOLÓGICO NACIONAL DE MÉXICO INSTITUTO TECNOLÓGICO DE CIUDAD MADERO

Tarea No. 4 Workbench MySQL

Carrera:
Ingeniería en Sistemas Computacionales

Materia:
Programación web

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Instalación de VirtualBox

1.-Ve al sitio oficial: <https://www.virtualbox.org/> hacemos clic en "Downloads".

Powerful open source virtualization
For personal and enterprise use

VirtualBox is a general-purpose full virtualization software for x86_64 hardware (with version 7.1 additionally for macOS/Arm), targeted at laptop, desktop, server and embedded use.

Community
Become a part of the VirtualBox community. Discuss and solve problems in the forums, access test builds, and more.

Documentation
Learn from a variety of resources including user manuals, end-user and technical documentation, the source code repository timeline, or the changelog.

Training
Access labs, tutorials, and videos to learn how to use VirtualBox. Quizzes are available to test your learning.

2.-Selecciona el instalador según tu sistema operativo

VirtualBox Platform Packages
VirtualBox 7.1.8 platform packages

- Windows hosts
- macOS / Intel hosts
- macOS / Apple Silicon hosts
- Linux distributions
- Solaris hosts
- Solaris 11 IPS hosts

Platform packages are released under the terms of the [GPL version 3](#).

VirtualBox Extension Pack
VirtualBox 7.1.8 Extension Pack

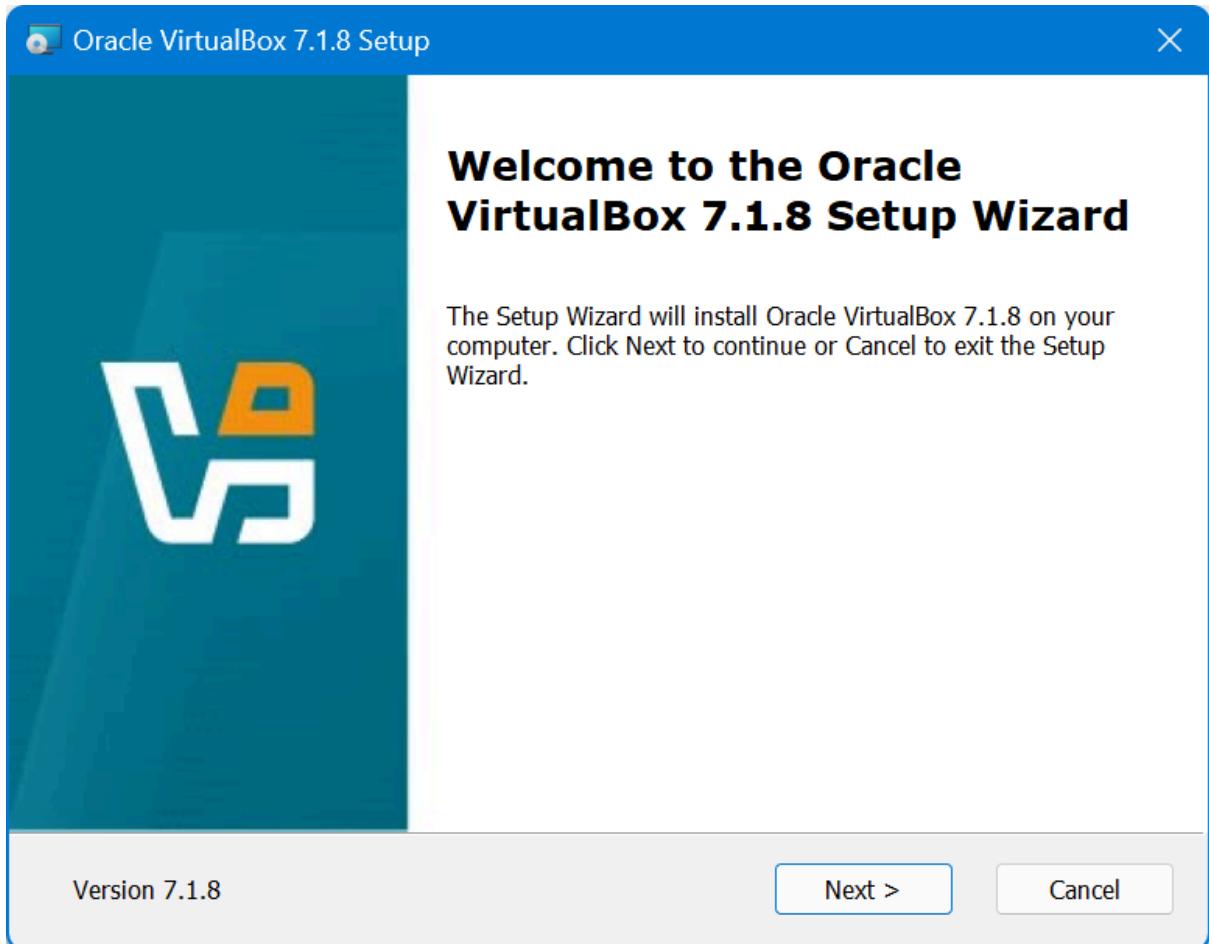
This VirtualBox Extension Pack Personal Use and Educational License governs your access to and use of the VirtualBox Extension Pack. It does not apply to the VirtualBox base package and/or its source code, which are licensed under version 3 of the GNU General Public License "GPL".

See our [FAQ](#) for answers to common questions.

VirtualBox Extension Pack Personal Use and Educational License (PUEL)

[PUEL License FAQ](#) [PUEL License Text](#) [Accept and download](#)

3.-Abre el archivo .exe descargado.





End-User License Agreement

Please read the following license agreement carefully.

COPYING file for VirtualBox versions 7.0 and later versions that include this file

Preliminary notes:

1) The majority of the code in the VirtualBox base package is licensed under the GNU General Public License, version 3 (GPL). VirtualBox contains many components developed by Oracle and various third parties. The license for each component is located in the licensing

- I accept the terms in the License Agreement
 I do not accept the terms in the License Agreement

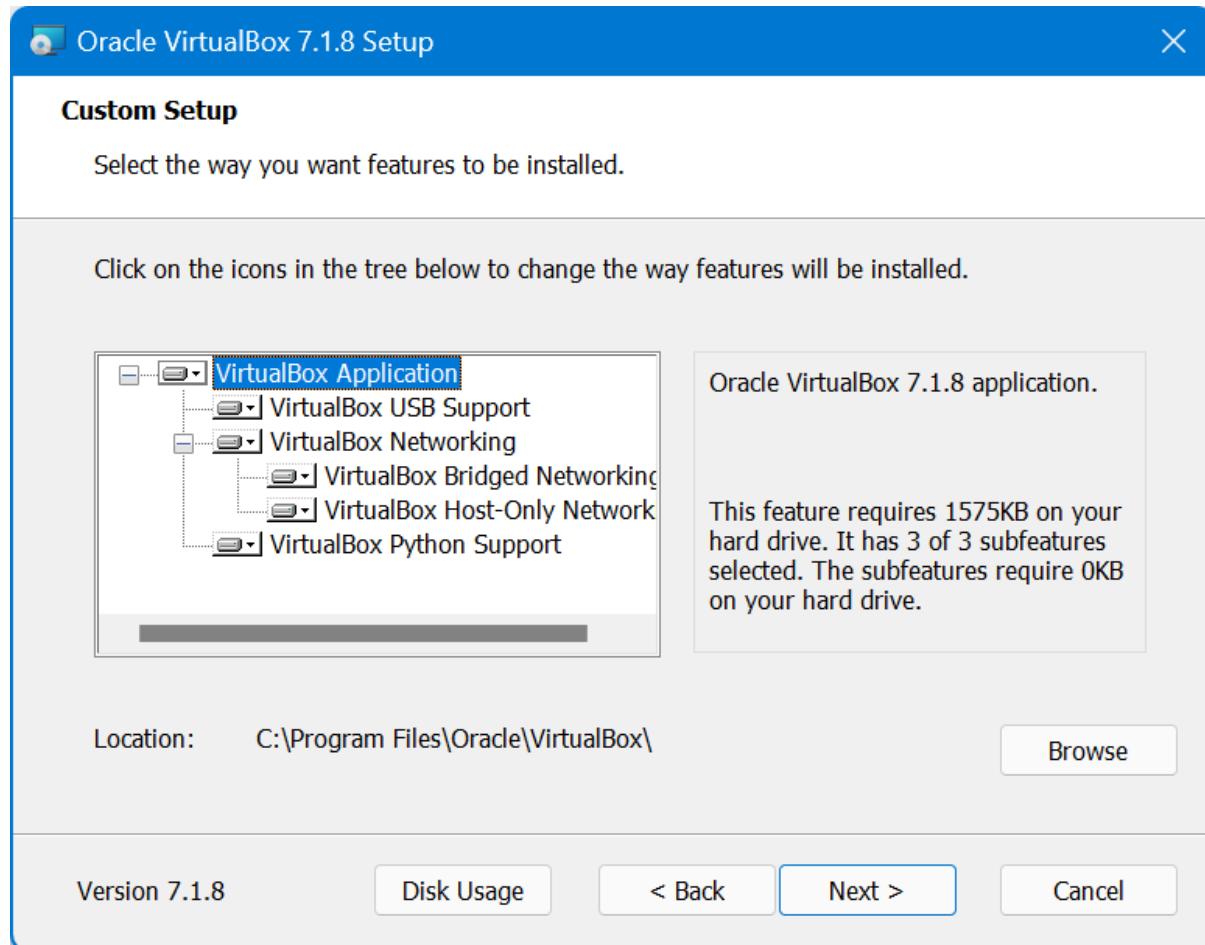
Version 7.1.8

< Back

Next >

Cancel

4.-Haz clic en "Next" varias veces para aceptar la configuración por defecto.





INSTITUTO TECNOLÓGICO
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ITCM



SEP



Oracle VirtualBox 7.1.8



Warning: Network Interfaces

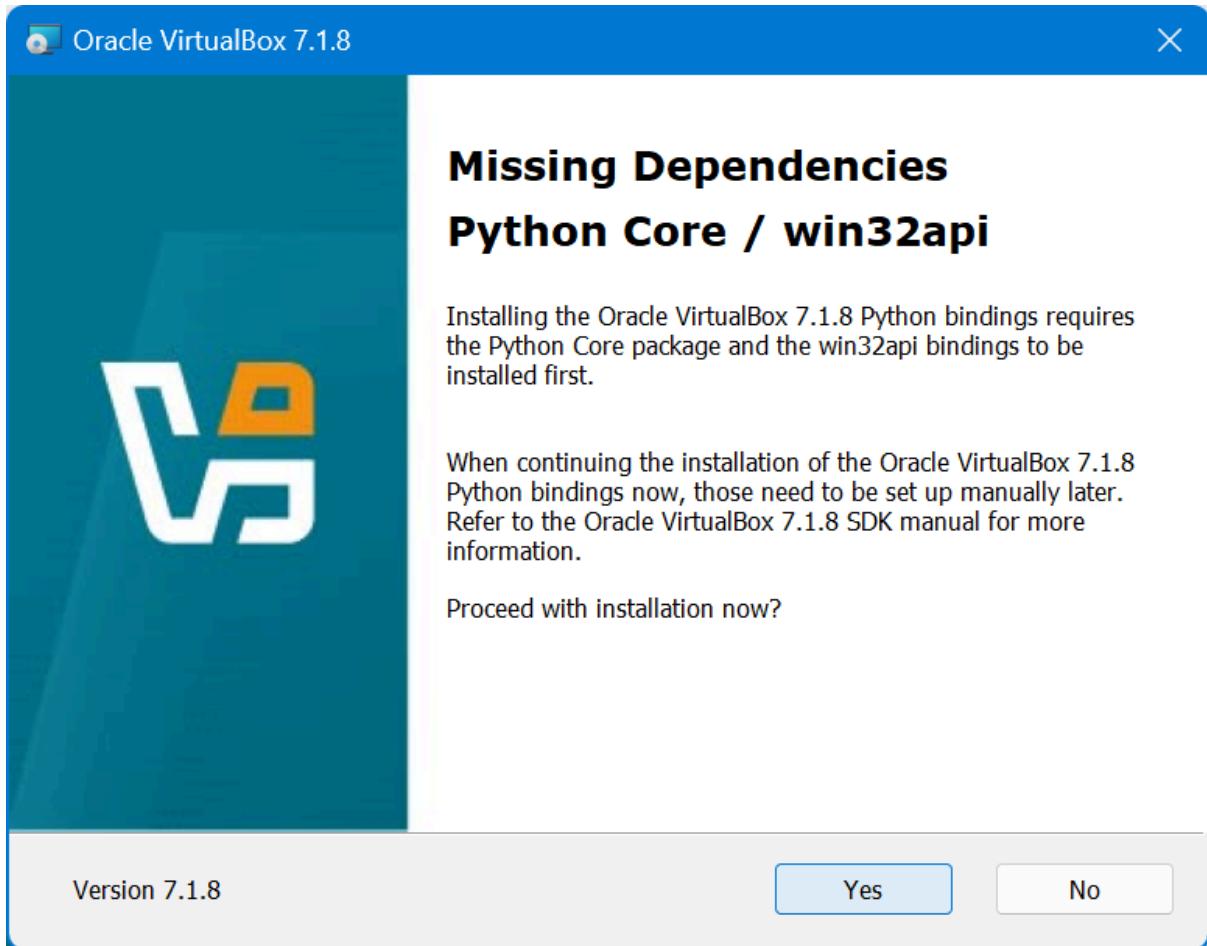
Installing the Oracle VirtualBox 7.1.8 Networking feature will reset your network connection and temporarily disconnect you from the network.

Proceed with installation now?

Version 7.1.8

Yes

No



5.-Deja marcadas las opciones por defecto y haz clic en "**Install**".



INSTITUTO TECNOLÓGICO
DE CIUDAD MADERO

ITCM



SEP



Oracle VirtualBox 7.1.8 Setup



Custom Setup

Select the way you want features to be installed.

Please choose from the options below:

- Create start menu entries
- Create a shortcut on the desktop
- Create a shortcut in the Quick Launch Bar
- Register file associations

Version 7.1.8

< Back

Next >

Cancel



Oracle VirtualBox 7.1.8 Setup X

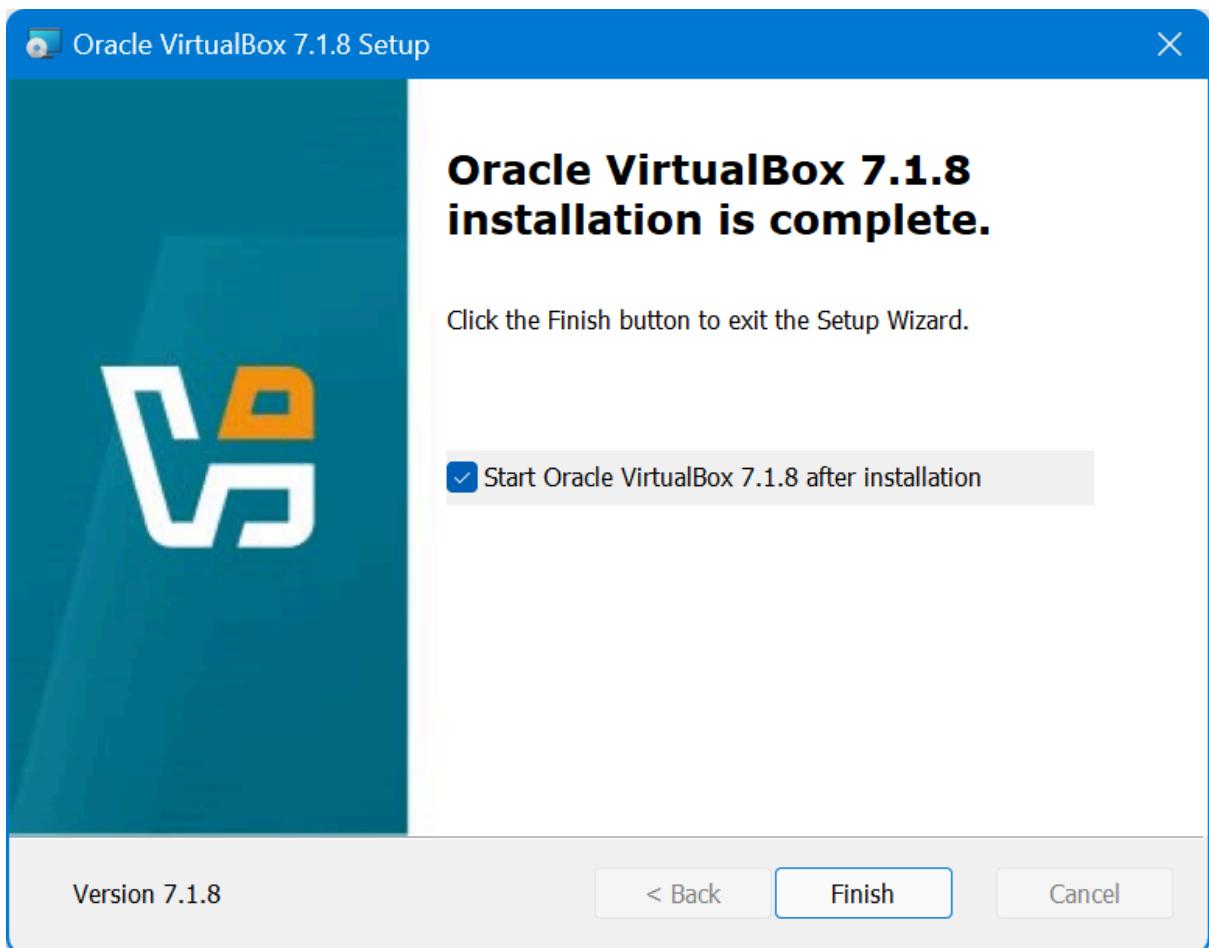
Ready to Install

The Setup Wizard is ready to begin the Custom installation.

Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.

Version 7.1.8 < Back Install Cancel

6.-Acepta los permisos del sistema si se te solicita. Una vez finalizada la instalación, haz clic en "**Finish**" para abrir VirtualBox.



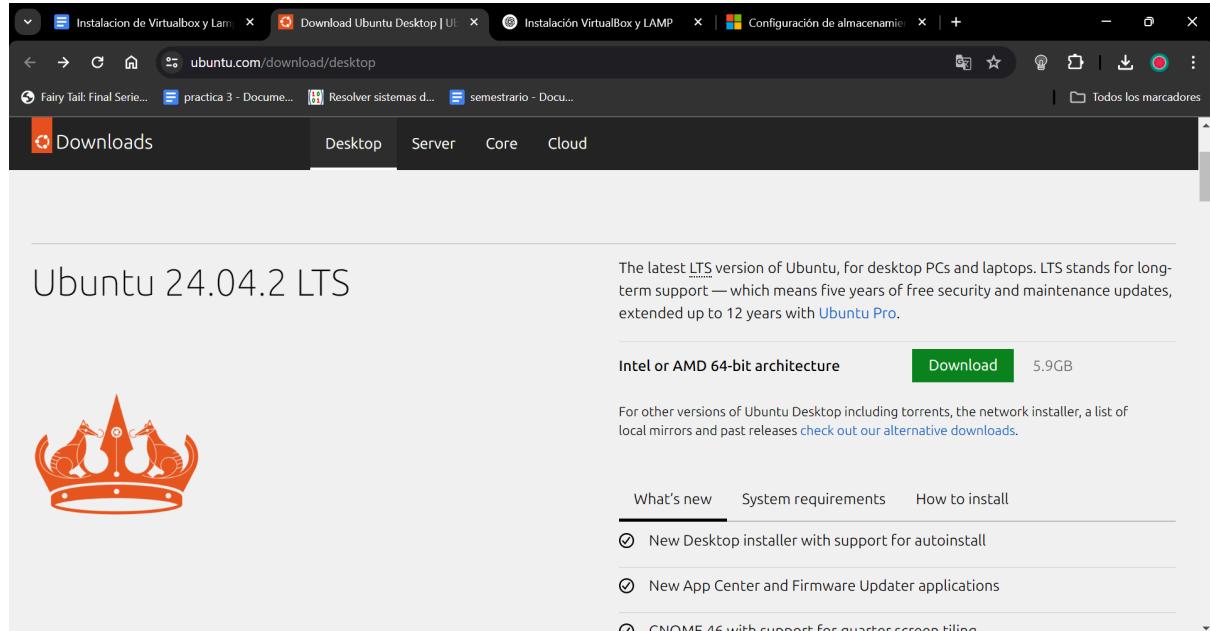
7.- Abre Oracle VM VirtualBox.



Instalación y Configuración de Lamp para Mysql Workbench



1.-Instalar Ubuntu en VirtualBox Descarga la ISO de Ubuntu:
<https://ubuntu.com/download/desktop>

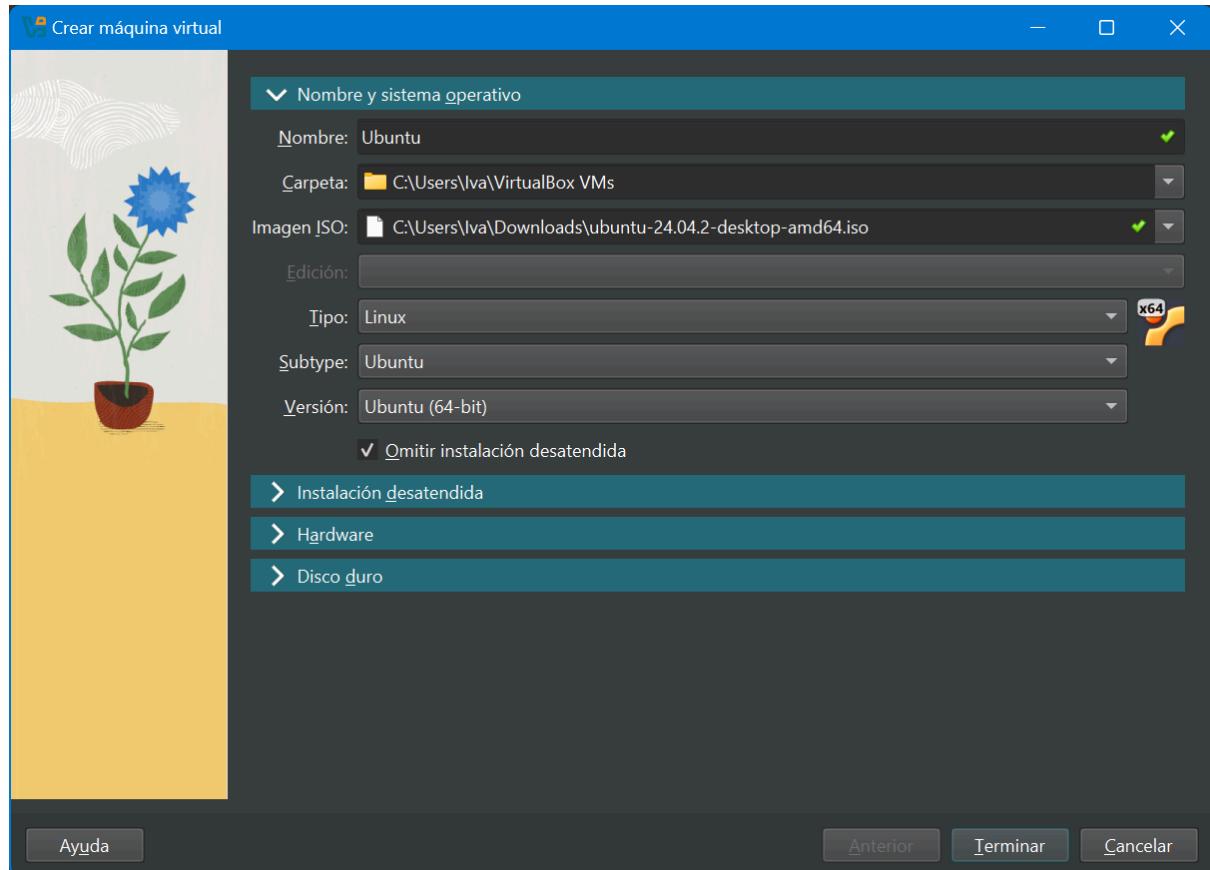


2.-Abre VirtualBox y haz clic en "New":

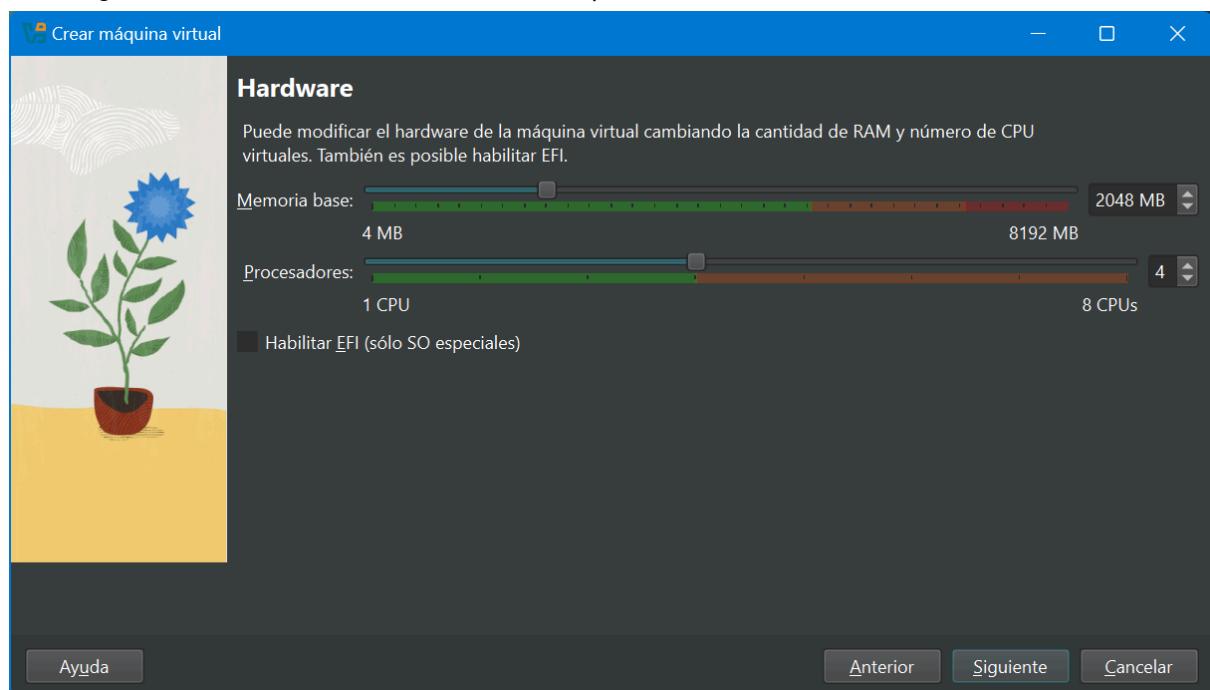
Nombre: Ubuntu

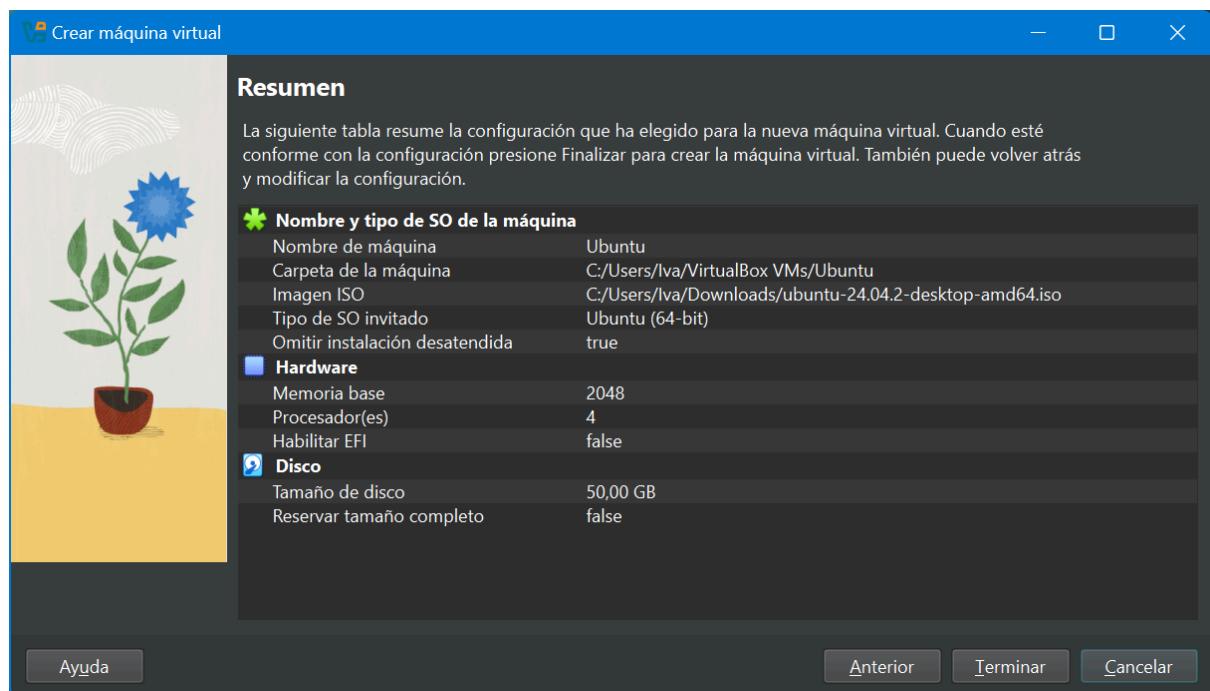
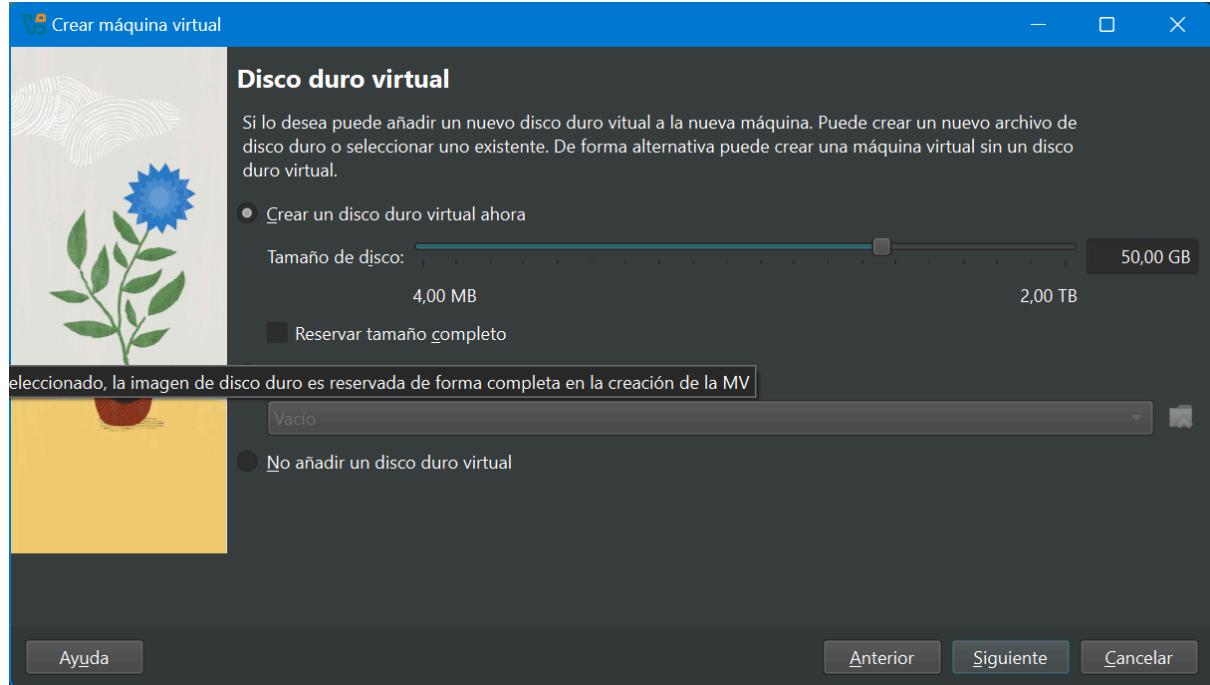
Tipo: Linux

Versión: Ubuntu (64-bit)

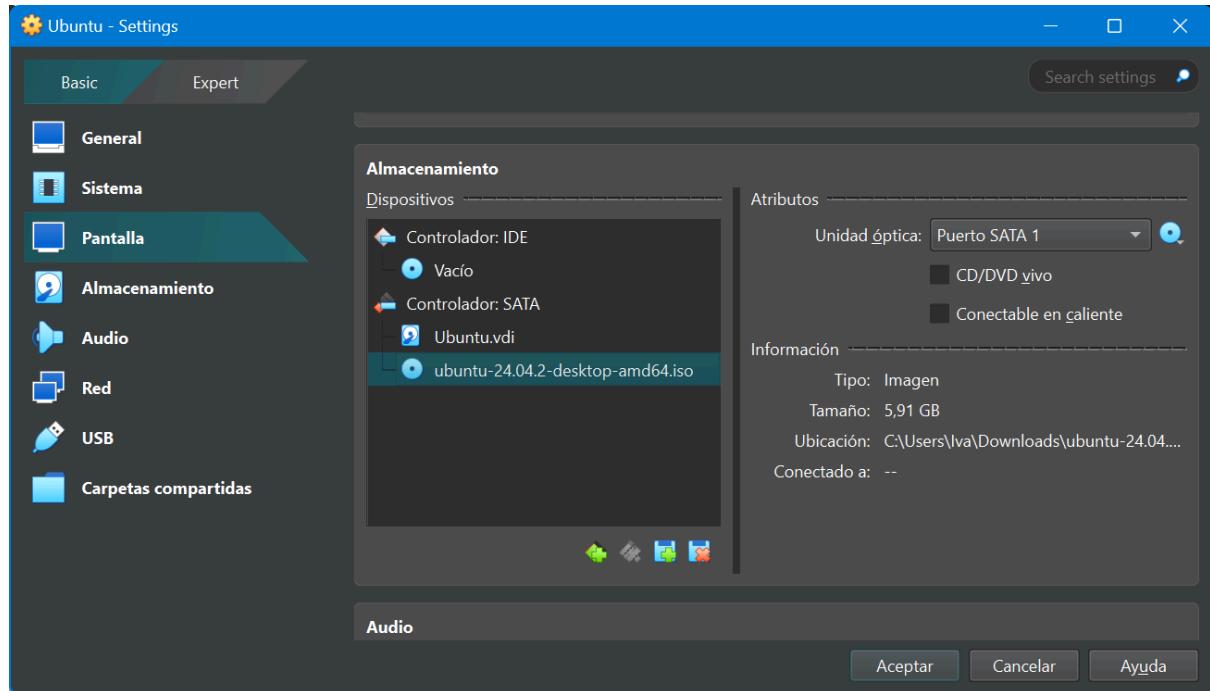


3.-Asigna memoria (mínimo 2048 MB) y disco duro (al menos 20 GB).

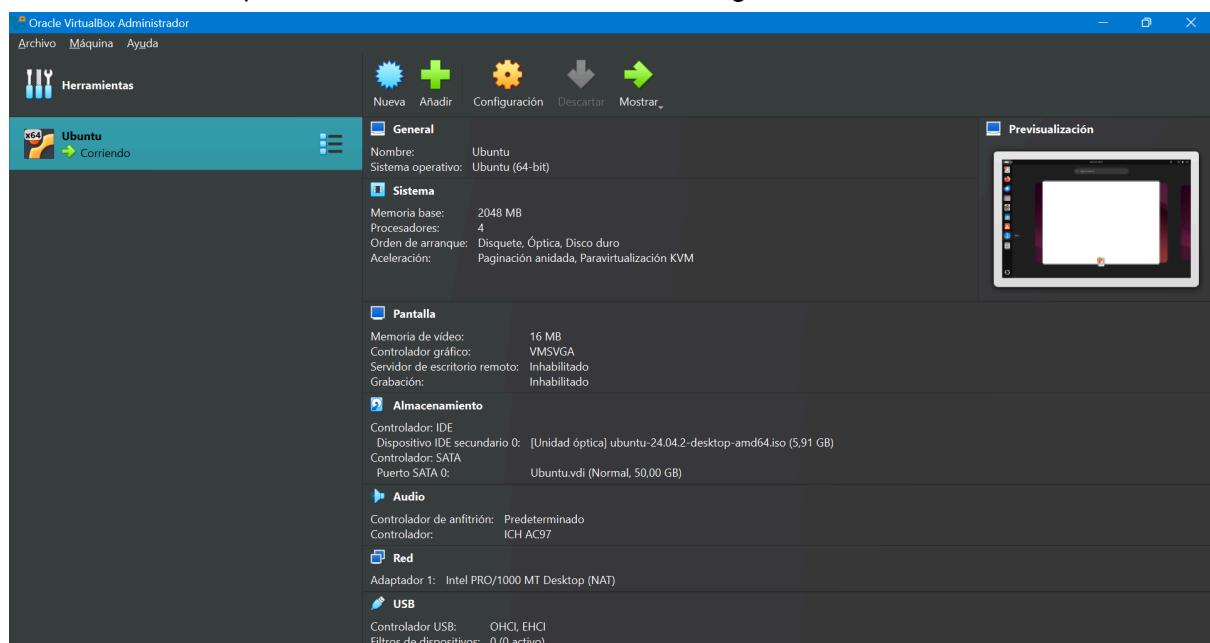


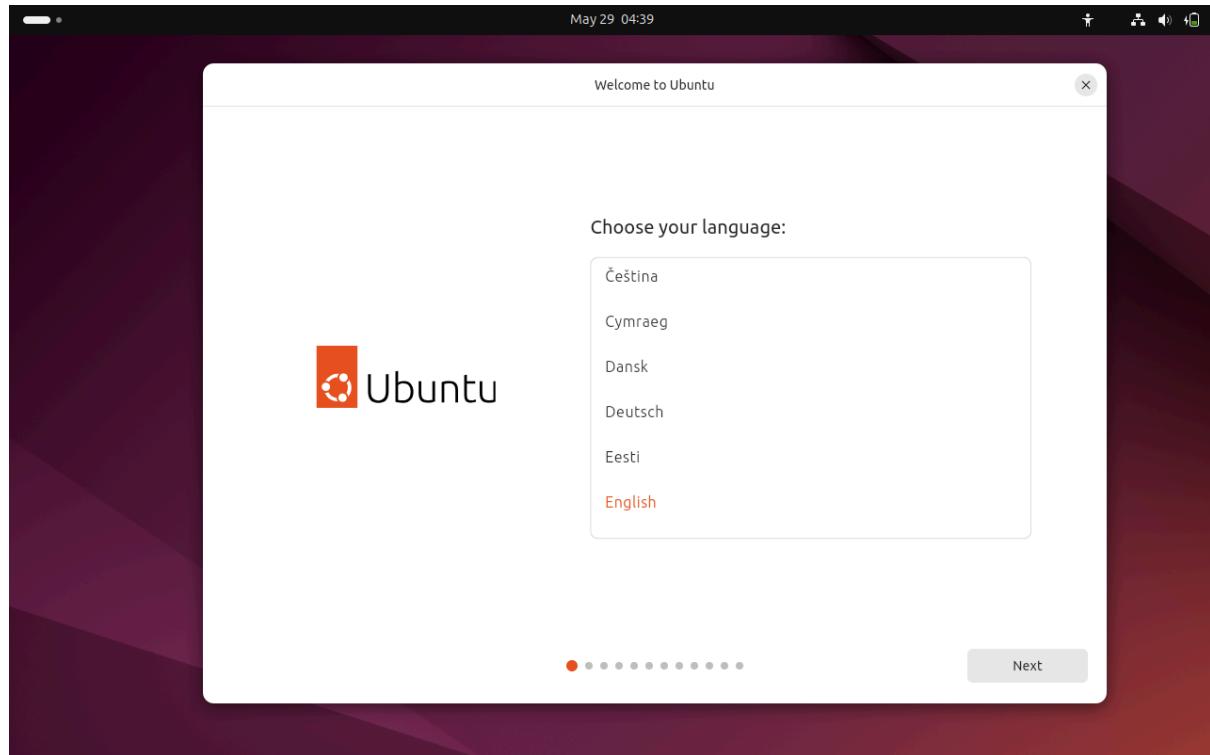


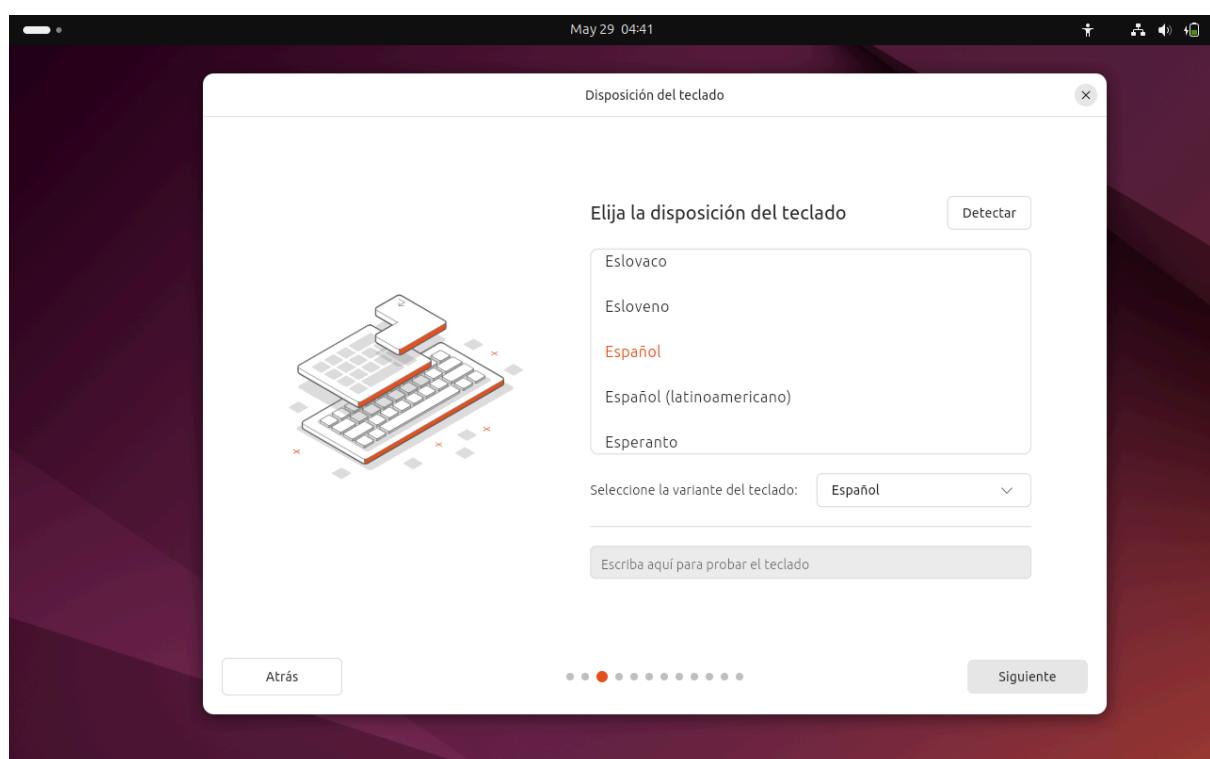
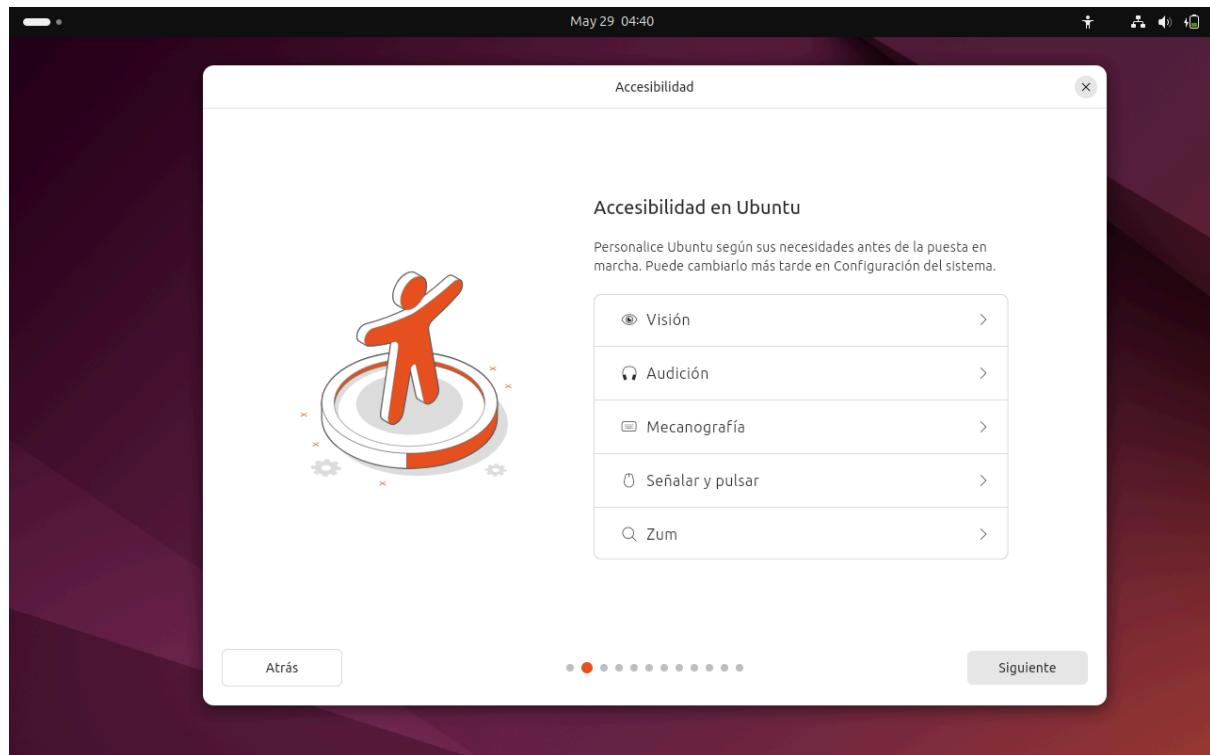
4.-En "Settings" → "Storage", selecciona la ISO de Ubuntu como disco óptico.

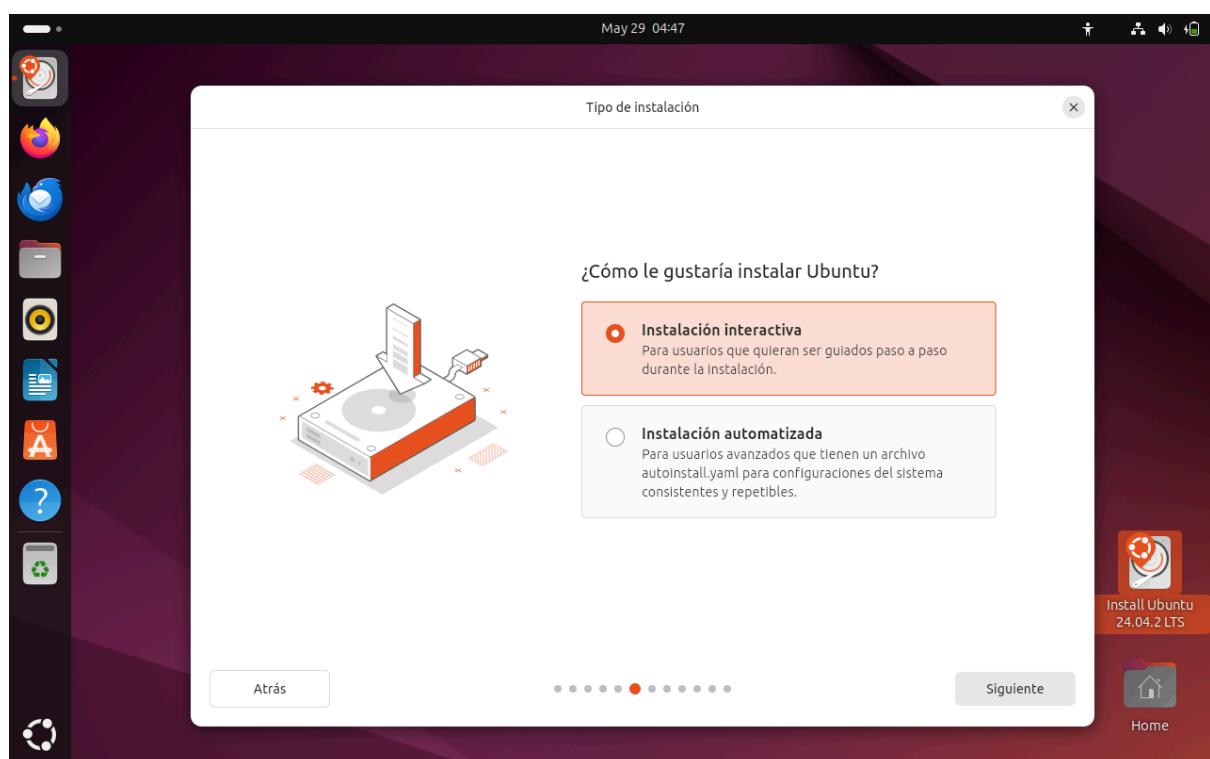
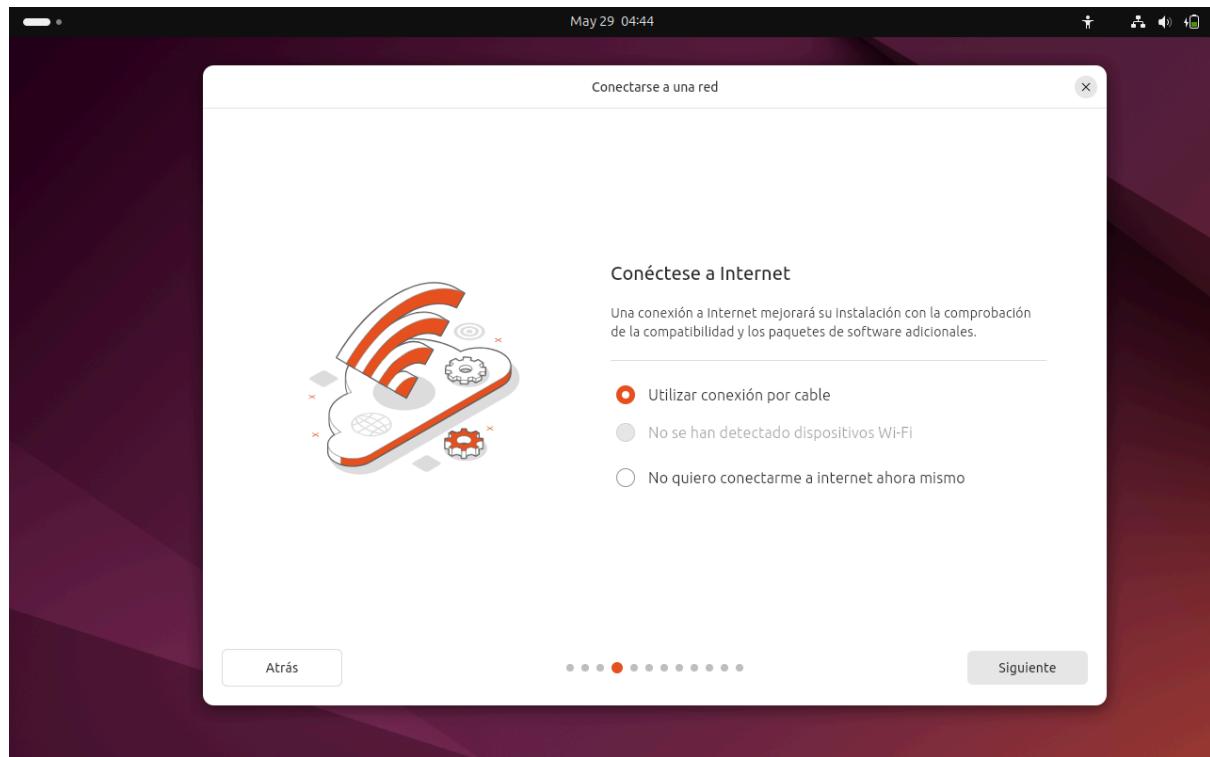


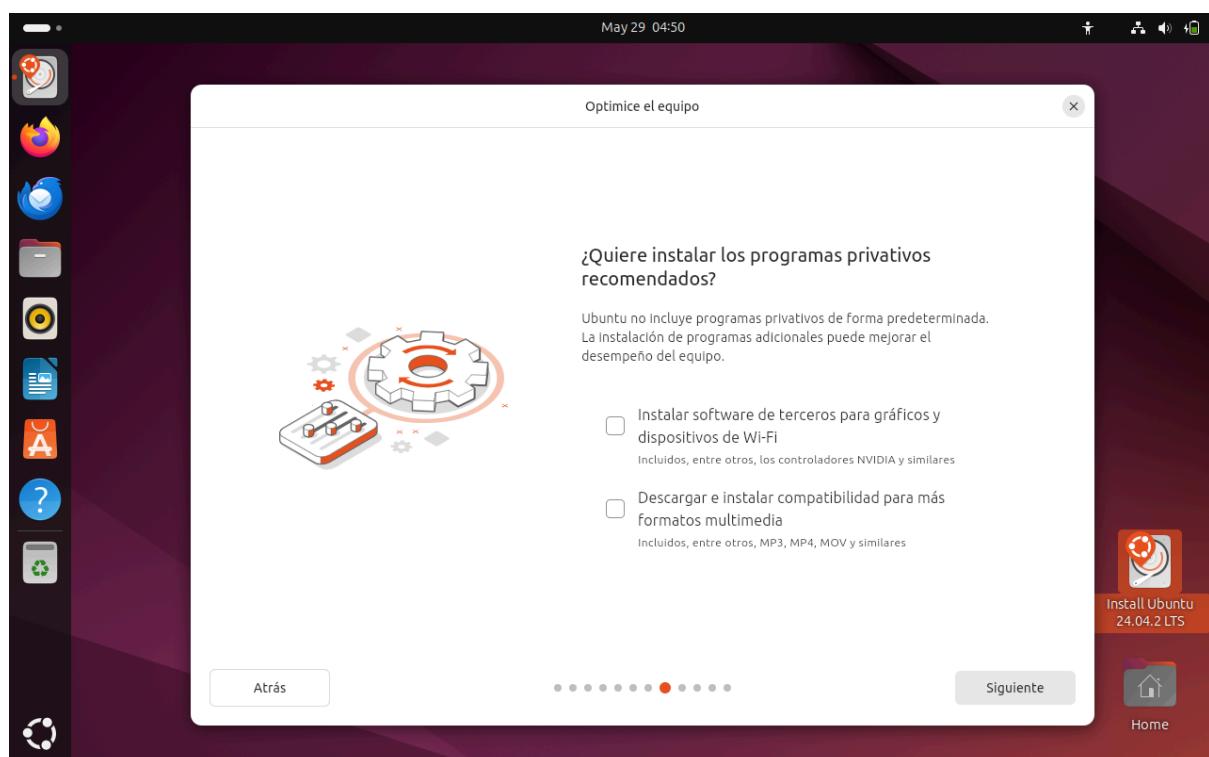
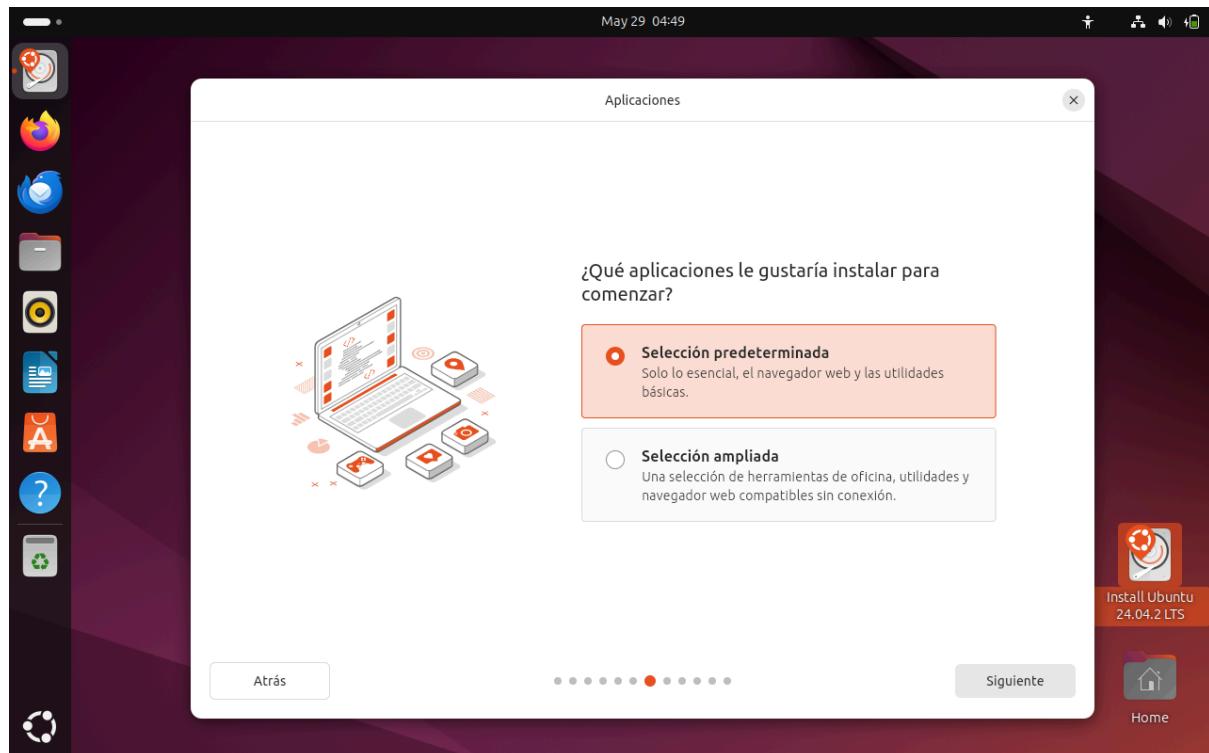
5.-Inicia la máquina virtual e instala Ubuntu siguiendo el asistente.

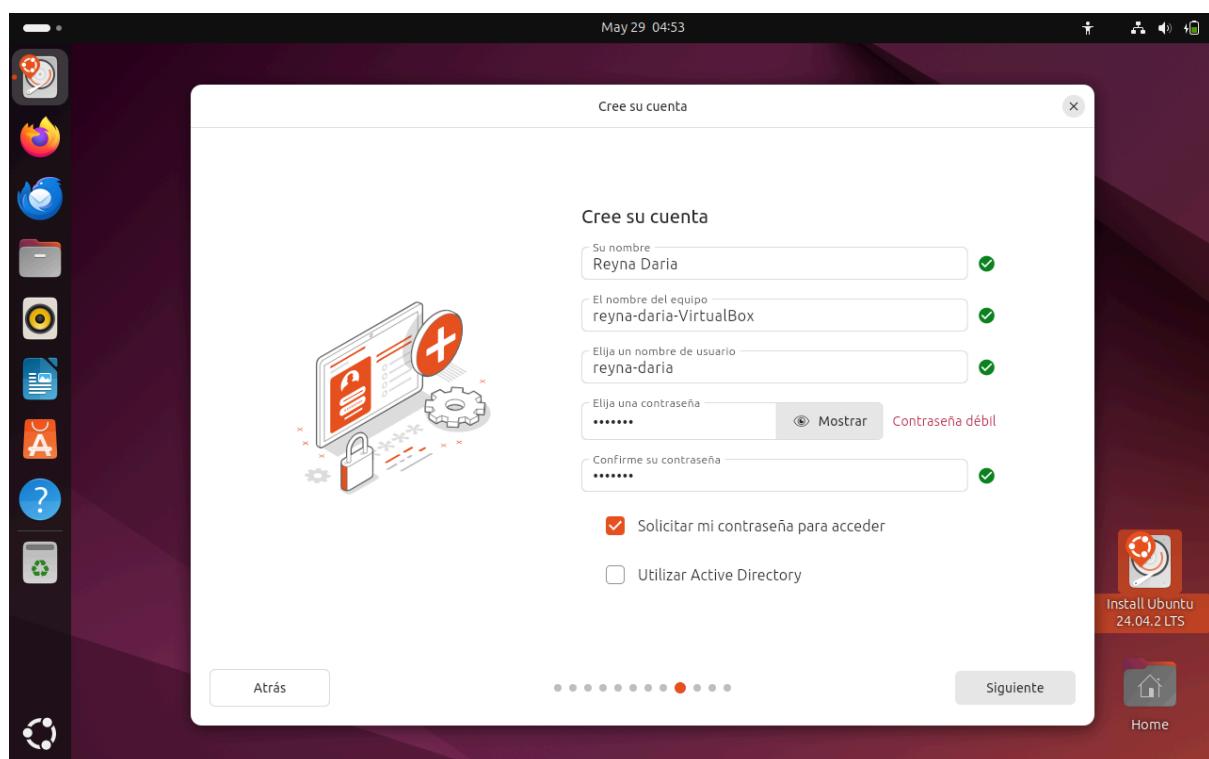
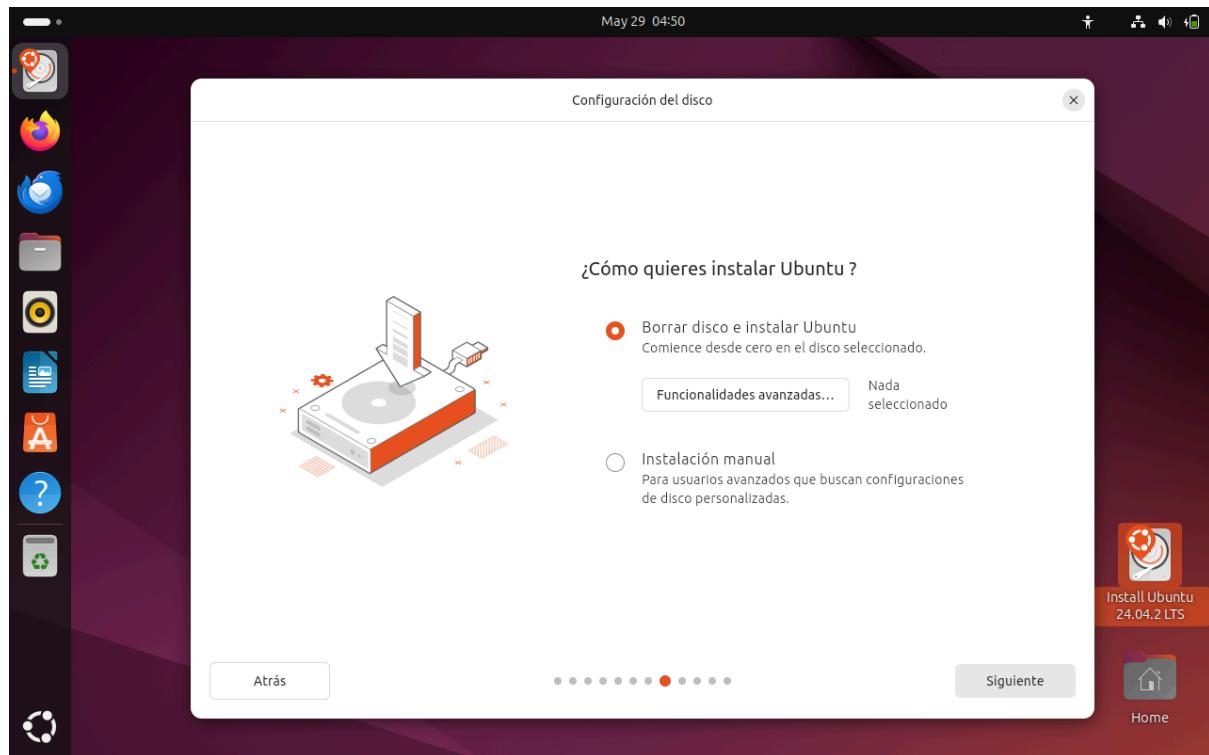


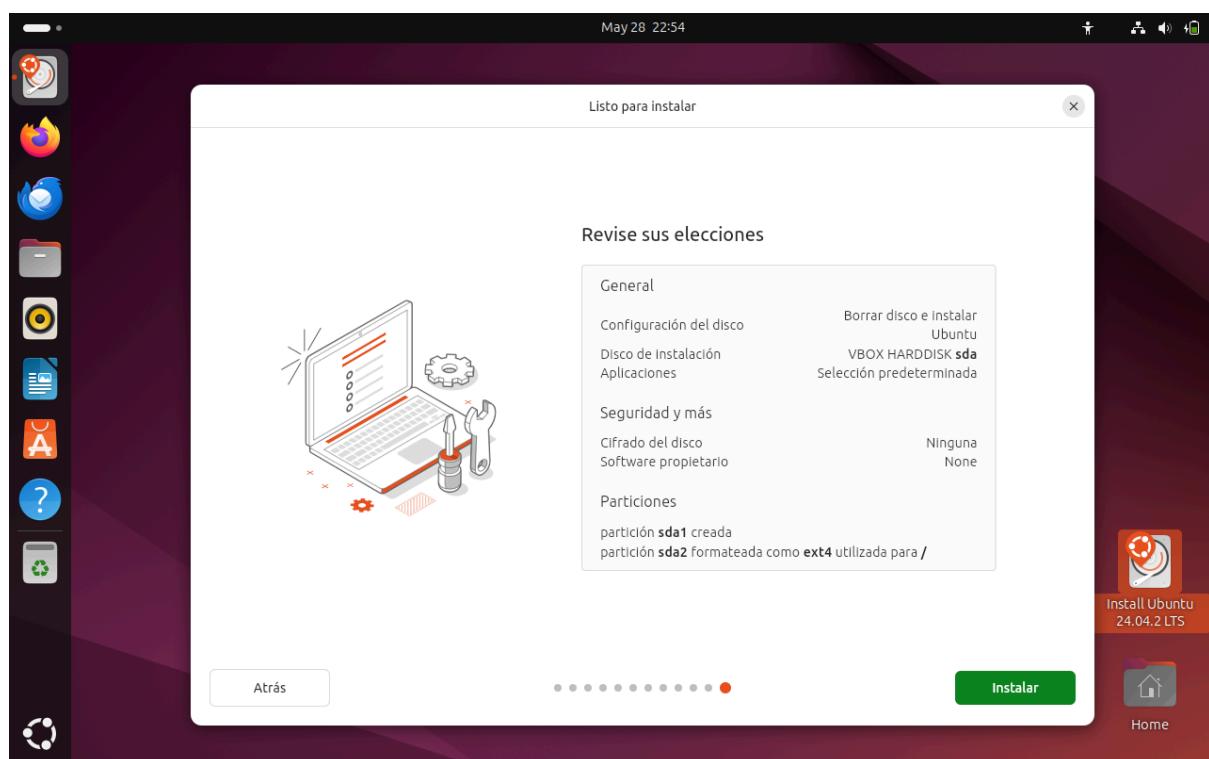
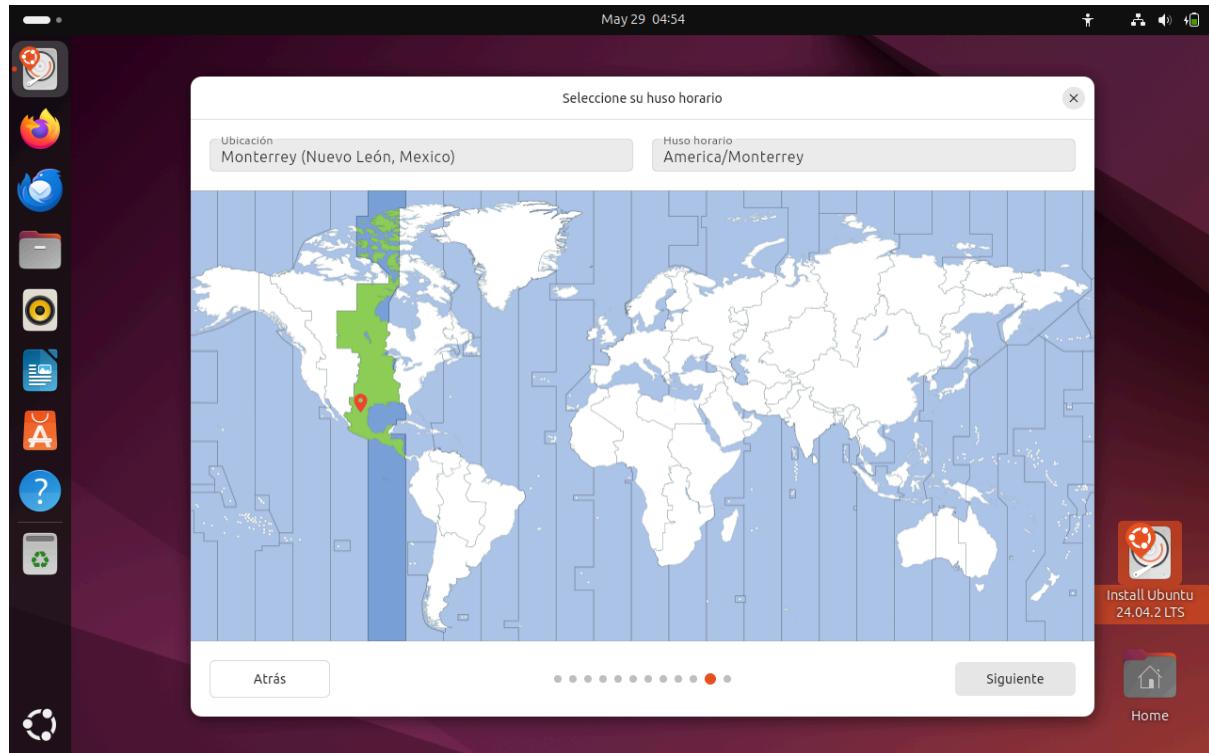














Finalizó la instalación



Ubuntu 24.04 LTS está instalado y listo para usarse

Reinicie para completar la instalación o continuar las pruebas.
Los cambios que realice no se guardarán.

[Continuar probando](#)

[Reiniciar ahora](#)



[Siguiente](#)



Le damos la bienvenida a Ubuntu 24.04 LTS

Complete su configuración con opciones adicionales y lo tendremos listo y funcionando en poco tiempo

[View changelog](#)

Anterior Ubuntu Pro Siguiente

Enable Ubuntu Pro

Upgrade this machine to Ubuntu Pro. Free for up to 5 machines.

 **Ubuntu Pro**

- Get security updates on a wide range of packages until 2034
- Fulfill FedRAMP, FIPS, STIG and HIPAA and other compliance and hardening requirements with certified tooling and crypto-modules

Learn more at ubuntu.com/pro.

Enable Ubuntu Pro now, or skip this step.

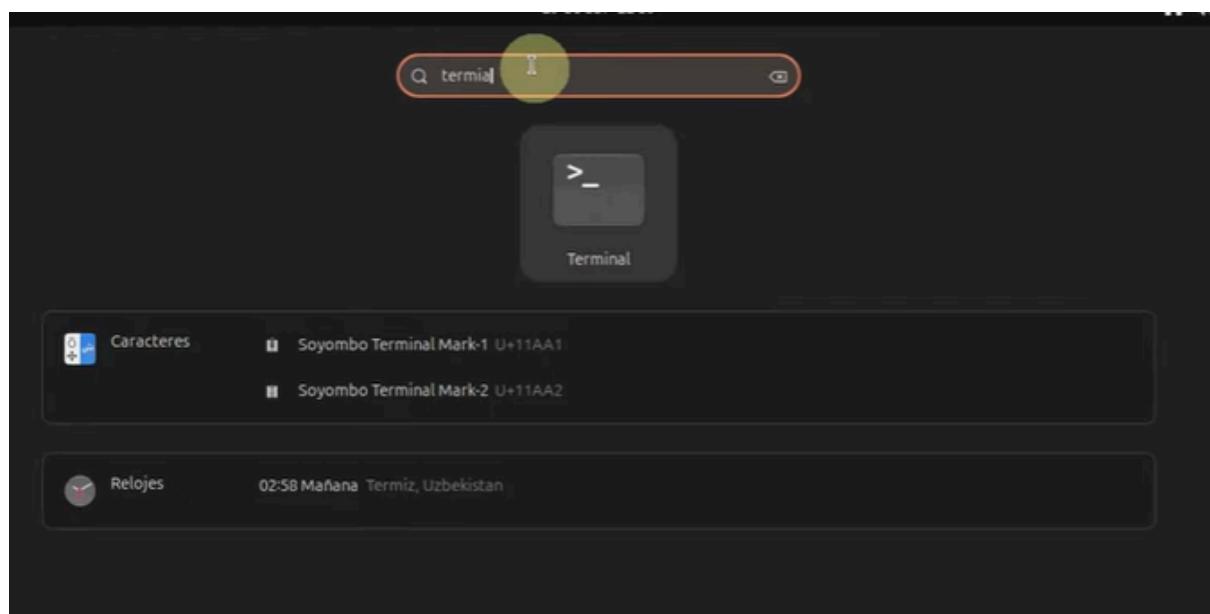
Enable Ubuntu Pro

Skip for now

You can always enable Ubuntu Pro later via the Software & Updates application

2- Actualizar el sistema

Abre la terminal en Ubuntu:





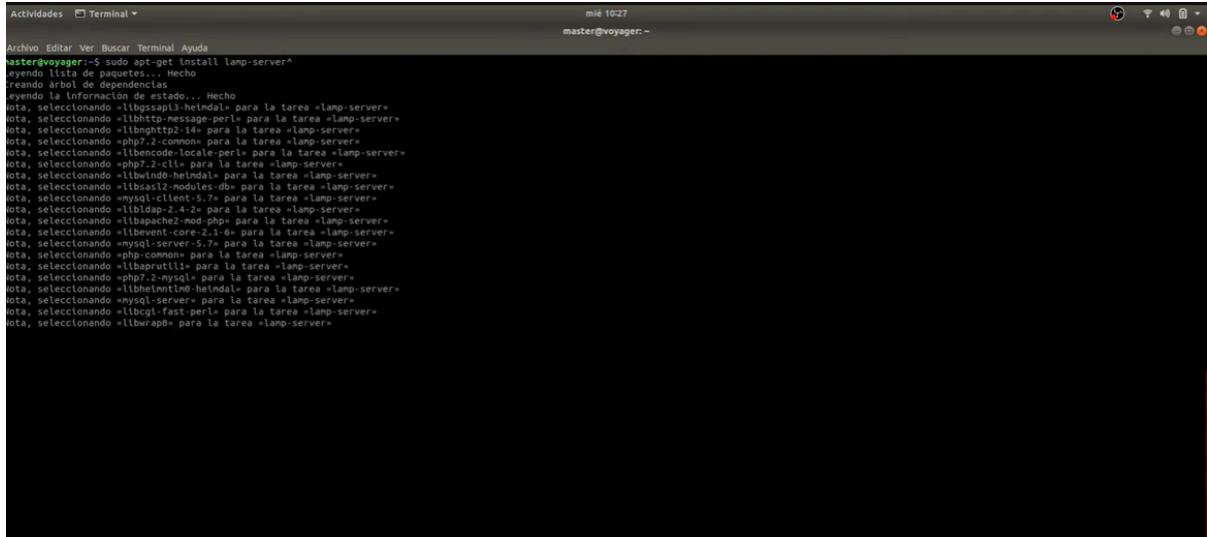
```
sudo apt update  
sudo apt upgrade -y
```

```
hugo@redesplus:~  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
hugo@redesplus:~$ lsb_release -a  
No LSB modules are available.  
Distributor ID: Ubuntu  
Description:    Ubuntu 24.04 LTS  
Release:        24.04  
Codename:       noble  
hugo@redesplus:~$ sudo apt update -y  
[sudo] contraseña para hugo:  
Warning: The unit file, source configuration file or drop-ins of apt-news.service changed on disk. Run 'systemctl daemon-reload' to reload units.  
Warning: The unit file, source configuration file or drop-ins of esm-cache.service changed on disk. Run 'systemctl daemon-reload' to reload units.  
Obj:1 http://es.archive.ubuntu.com/ubuntu noble InRelease  
Des:2 http://es.archive.ubuntu.com/ubuntu noble-updates InRelease [89,7 kB]  
Obj:3 http://security.ubuntu.com/ubuntu noble-security InRelease  
Obj:4 http://es.archive.ubuntu.com/ubuntu noble-backports InRelease  
Descargados 89,7 kB en 1s (146 kB/s)  
Leyendo lista de paquetes... Hecho  
Creando árbol de dependencias... Hecho  
Leyendo la información de estado... Hecho  
Todos los paquetes están actualizados.  
hugo@redesplus:~$
```

```
hugo@redesplus:~  
Des:2 http://es.archive.ubuntu.com/ubuntu noble-updates InRelease [89,7 kB]  
Obj:3 http://security.ubuntu.com/ubuntu noble-security InRelease  
Obj:4 http://es.archive.ubuntu.com/ubuntu noble-backports InRelease  
Descargados 89,7 kB en 1s (146 kB/s)  
Leyendo lista de paquetes... Hecho  
Creando árbol de dependencias... Hecho  
Leyendo la información de estado... Hecho  
Todos los paquetes están actualizados.  
hugo@redesplus:~$ sudo apt install bzip2  
Leyendo lista de paquetes... Hecho  
Creando árbol de dependencias... Hecho  
Leyendo la información de estado... Hecho  
Paquetes sugeridos:  
  bzip2-doc  
Se instalarán los siguientes paquetes NUEVOS:  
  bzip2  
0 actualizados, 1 nuevos se instalarán, 0 para eliminar y 0 no actualizados.  
Se necesita descargar 34,5 kB de archivos.  
Se utilizarán 112 kB de espacio de disco adicional después de esta operación.  
Des:1 http://es.archive.ubuntu.com/ubuntu noble/main amd64 bzip2 amd64 1.0.8-5.1 [34,5 kB]  
Descargados 34,5 kB en 0s (140 kB/s)  
Seleccionando el paquete bzip2 previamente no seleccionado.  
(Leyendo la base de datos ... 148164 ficheros o directorios instalados actualmente.)  
Preparando para desempaquetar .../bzip2_1.0.8-5.1_amd64.deb ...  
Desempaquetando bzip2 (1.0.8-5.1) ...  
Configurando bzip2 (1.0.8-5.1) ...  
Procesando disparadores para man-db (2.12.0-4build2) ...  
hugo@redesplus:~$
```

3- Instalar Apache

```
sudo apt install apache2 -y
```



```
Actividades Terminal ▾ Archivo Editar Ver Buscar Terminal Ayuda
master@voyager:~$ sudo apt-get install lamp-server^
 Leyendo lista de paquetes... Hecho
 Creado árbol de dependencias
 Leyendo la información de estado... Hecho
 Nota, se seleccionó el paquete 'libxml2-xmlhttp' para la tarea <lamp-server>
 nota, se seleccionando 'libhttp-message-perl' para la tarea <lamp-server>
 nota, seleccionando 'libhttp-htp2-14' para la tarea <lamp-server>
 nota, seleccionando 'php7.2-common' para la tarea <lamp-server>
 nota, seleccionando 'libencode-locale-perl' para la tarea <lamp-server>
 nota, seleccionando 'libphp7.2-cgi' para la tarea <lamp-server>
 nota, seleccionando 'libxml2-heimdal' para la tarea <lamp-server>
 nota, seleccionando 'libbsasl2-modules-db' para la tarea <lamp-server>
 nota, seleccionando 'mysql-client-5.7' para la tarea <lamp-server>
 nota, seleccionando 'libldap2-4-2' para la tarea <lamp-server>
 nota, seleccionando 'libapache2-mod-php' para la tarea <lamp-server>
 nota, seleccionando 'libxml2-xmlhttp' para la tarea <lamp-server>
 nota, seleccionando 'mysql-server-5.7' para la tarea <lamp-server>
 nota, seleccionando 'php-common' para la tarea <lamp-server>
 nota, seleccionando 'libaprutil1' para la tarea <lamp-server>
 nota, seleccionando 'php7.2-xml' para la tarea <lamp-server>
 nota, seleccionando 'libxml2-xmlhttp' para la tarea <lamp-server>
 nota, seleccionando 'mysql-server' para la tarea <lamp-server>
 nota, seleccionando 'libcgi-fast-perl' para la tarea <lamp-server>
 nota, seleccionando 'libwrap0' para la tarea <lamp-server>
```

Verifica en navegador (en Ubuntu):

Abre <http://localhost> o <http://127.0.0.1> y deberías ver la página de bienvenida de Apache.

4- Instalar MySQL Server

- sudo apt install mysql-server -y

Después ejecuta:

- sudo mysql_secure_installation

Sigue las instrucciones para establecer una contraseña segura y eliminar configuraciones inseguras.



```
Procesando disparadores para sistema (237*ubuntu0.51) ...
Procesando disparadores para man-db (2.8.3-2ubuntu0.1) ...
Procesando disparadores para ufw (0.36-0ubuntu0.18.04.1) ...
Procesando disparadores para ureadahead (0.100.0-21) ...
ureadahead will be reprofiled on next reboot
master@voyager:~$ sudo mysql_secure_installation

Securing the MySQL server deployment.

Connecting to MySQL using a blank password.

VALIDATE PASSWORD PLUGIN can be used to test passwords
and improve security. It checks the strength of password
and allows the users to set only those passwords which are
secure enough. Would you like to setup VALIDATE PASSWORD plugin?

Press y|Y for Yes, any other key for No:
Please set the password for root here.

New password:
Re-enter new password:
By default, a MySQL installation has an anonymous user,
allowing anyone to log into MySQL without having to have
a user account created for them. This is intended only for
testing, and to make the installation go a bit smoother.
You should remove them before moving into a production
environment.

Remove anonymous users? (Press y|Y for Yes, any other key for No) : y
Success.

Normally, root should only be allowed to connect from
'localhost'. This ensures that someone cannot guess at
the root password from the network.

Disallow root login remotely? (Press y|Y for Yes, any other key for No) : ■
```

```
New password:
Re-enter new password:
By default, a MySQL installation has an anonymous user,
allowing anyone to log into MySQL without having to have
a user account created for them. This is intended only for
testing, and to make the installation go a bit smoother.
You should remove them before moving into a production
environment.

Remove anonymous users? (Press y|Y for Yes, any other key for No) : y
Success.

Normally, root should only be allowed to connect from
'localhost'. This ensures that someone cannot guess at
the root password from the network.

Disallow root login remotely? (Press y|Y for Yes, any other key for No) : ■
Success.

By default, MySQL comes with a database named 'test' that
anyone can access. This is also intended only for testing,
and should be removed before moving into a production
environment.

Remove test database and access to it? (Press y|Y for Yes, any other key for No) : y
- Dropping test database...
Success.

- Removing privileges on test database...
Success.

Reloading the privilege tables will ensure that all changes
made so far will take effect immediately.

Reload privilege tables now? (Press y|Y for Yes, any other key for No) : y
Success.

All done!
```

5- Crear usuario para Workbench

Entra a MySQL:

- sudo mysql

Ejecuta:

- ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'tu_contraseña';
- FLUSH PRIVILEGES;

- EXIT;

```
Reload privilege tables now. (Press y for yes, any other key for no) : y
Success.

All done!
master@voyager:~$ sudo mysql
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 4
Server version: 5.7.28-0ubuntu0.18.04.4 (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

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

mysql> ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql_native_password BY 'password';
```

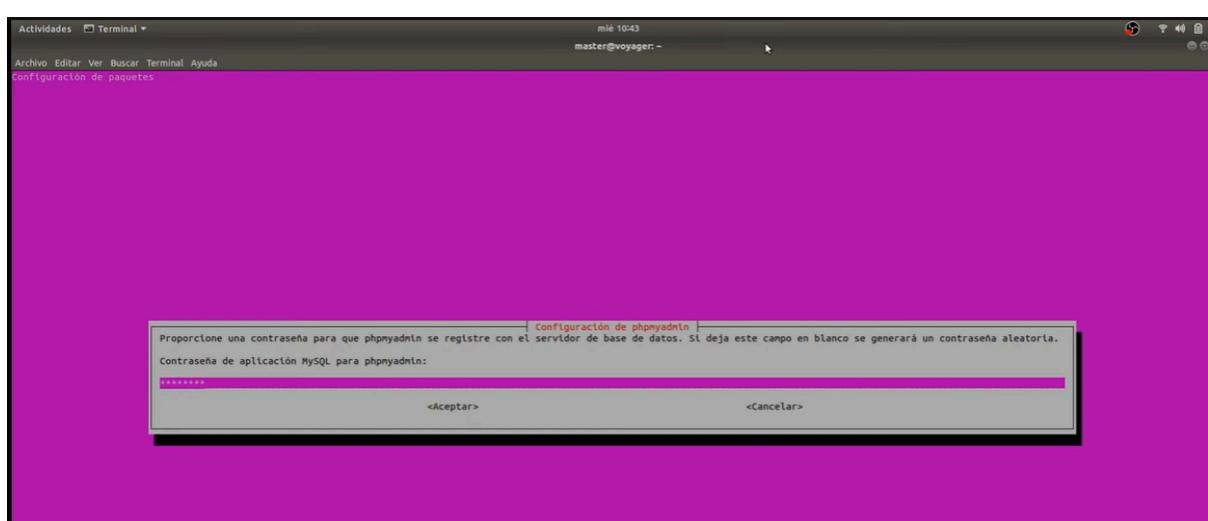
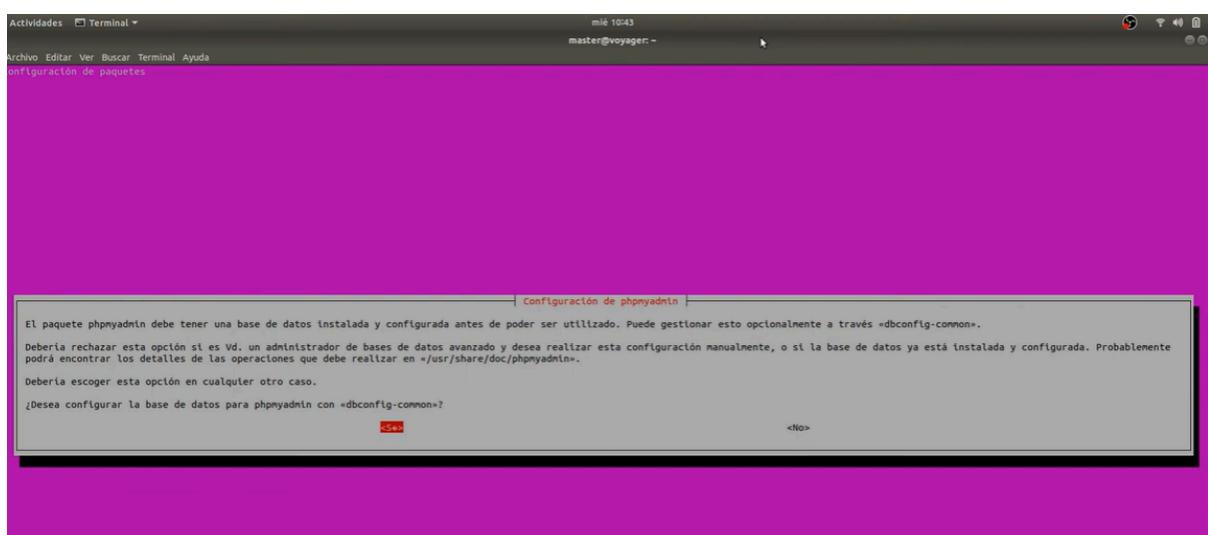
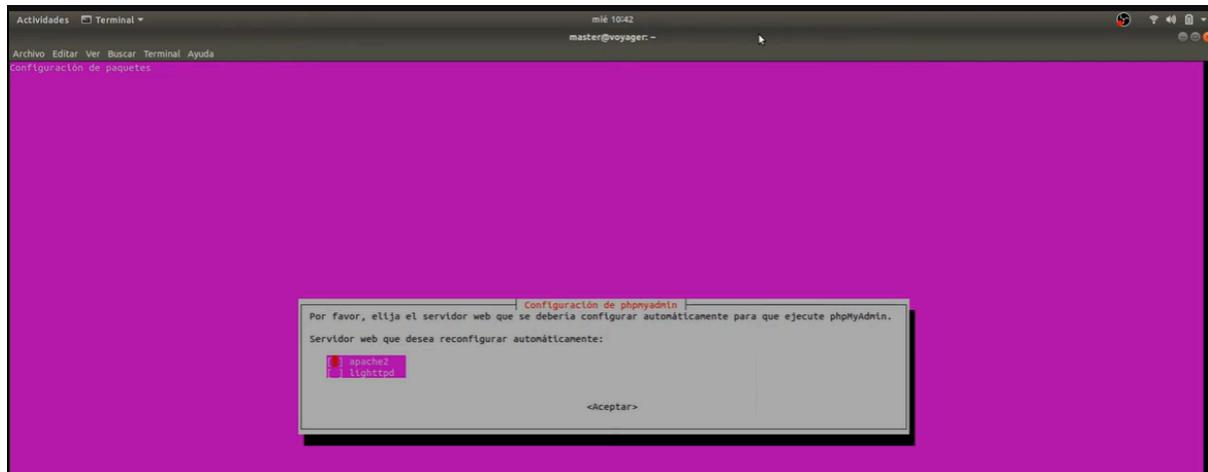
```
MySQL>
mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

mysql> exit
Bye
```

6- Instalar PHP (si lo necesitas)

sudo apt install php libapache2-mod-php php-mysql -y

```
master@voyager:~$ sudo apt-get install phpmyadmin
Leyendo lista de paquetes... Hecho
Creando árbol de dependencias
Leyendo información de los paquetes... Hecho
Los paquetes indicados a continuación se instalaron de forma automática y ya no son necesarios.
fonts-libs: liberation2 fonts-opensymbol gir1.2-geocodexgilb1.0 gir1.2-gudev-1.0 gir1.2-udisks-2.0 grilo-plugins-0.3-base gstreamer1.0-gtk3 libboost-date-time1.65.1
libboost-fs1.65.1 libboost-iostreams1.65.1 libboost-locale1.65.1 libcdcr-0.1-1 libclucene-contribs1vs libclucene-core1vs libcnfs-0.5-sv5 libcoml2 libdazzle-1.0-0 libe-book-0.1-1
libedataserver1.65.2 libexpat1 libgeoparser0.1-1 libevent-2.1-1 libhexv2-14 libbetondp-client2-2 libfreerdp2-2 libgc1c libgee-0.8-2 libgexiv2-2 libgon-1.0-0 libgpmepp0 libgpod-common
libglib-2.68.3 libhangar-0.1-1 libibus-1.3.0 libmediaart-2.0-0 libmupdu-0.1-1 libodfgen-0.1-1 libqqwingv5 libravie librevenge-0.0-0 libsgtts1s-2 libssh-4 libsubesparselog5 libvncclient1
libwinpr2-2 libxapian10 libxine1c libxine1c-libs libxine1c-nss libxine1c-nss-tp-solve media-player-info python3-narkuparse syslinux syslinux-common syslinux-legacy usb-creator-common
Utilice «sudo apt autoremove» para eliminarlos.
Se instalarán los siguientes paquetes adicionales:
dbconfig-common dbconfig-npgsql javascript-common libcurl4 libcurljs-jquery libcurljs-sphinxdoc libcurljs-underscore libbz2p4 php php-bz2 php-curl php-gd php-mbstring php-pear php-php-gettext php-phpsecclb php-tcpdf
php-xml php-zip php7.2-bz2 php7.2-curl php7.2-gd php7.2-mbstring php7.2-xml php7.2-zip phpmyadmin
Paquetes superados:
php-libsodium libpcre3 libpcre3-0.0.4 libpcre3-0.0.4-1 libpcre3-0.0.4-1-1 libpcre3-0.0.4-1-1-1 libpcre3-0.0.4-1-1-2 libpcre3-0.0.4-1-1-2-1 libpcre3-0.0.4-1-1-2-2 libpcre3-0.0.4-1-1-2-3 libpcre3-0.0.4-1-1-2-4 libpcre3-0.0.4-1-1-2-5 libpcre3-0.0.4-1-1-2-6 libpcre3-0.0.4-1-1-2-7 libpcre3-0.0.4-1-1-2-8 libpcre3-0.0.4-1-1-2-9 libpcre3-0.0.4-1-1-2-10 libpcre3-0.0.4-1-1-2-11 libpcre3-0.0.4-1-1-2-12 libpcre3-0.0.4-1-1-2-13 libpcre3-0.0.4-1-1-2-14 libpcre3-0.0.4-1-1-2-15 libpcre3-0.0.4-1-1-2-16 libpcre3-0.0.4-1-1-2-17 libpcre3-0.0.4-1-1-2-18 libpcre3-0.0.4-1-1-2-19 libpcre3-0.0.4-1-1-2-20 libpcre3-0.0.4-1-1-2-21 libpcre3-0.0.4-1-1-2-22 libpcre3-0.0.4-1-1-2-23 libpcre3-0.0.4-1-1-2-24 libpcre3-0.0.4-1-1-2-25 libpcre3-0.0.4-1-1-2-26 libpcre3-0.0.4-1-1-2-27 libpcre3-0.0.4-1-1-2-28 libpcre3-0.0.4-1-1-2-29 libpcre3-0.0.4-1-1-2-30 libpcre3-0.0.4-1-1-2-31 libpcre3-0.0.4-1-1-2-32 libpcre3-0.0.4-1-1-2-33 libpcre3-0.0.4-1-1-2-34 libpcre3-0.0.4-1-1-2-35 libpcre3-0.0.4-1-1-2-36 libpcre3-0.0.4-1-1-2-37 libpcre3-0.0.4-1-1-2-38 libpcre3-0.0.4-1-1-2-39 libpcre3-0.0.4-1-1-2-40 libpcre3-0.0.4-1-1-2-41 libpcre3-0.0.4-1-1-2-42 libpcre3-0.0.4-1-1-2-43 libpcre3-0.0.4-1-1-2-44 libpcre3-0.0.4-1-1-2-45 libpcre3-0.0.4-1-1-2-46 libpcre3-0.0.4-1-1-2-47 libpcre3-0.0.4-1-1-2-48 libpcre3-0.0.4-1-1-2-49 libpcre3-0.0.4-1-1-2-50 libpcre3-0.0.4-1-1-2-51 libpcre3-0.0.4-1-1-2-52 libpcre3-0.0.4-1-1-2-53 libpcre3-0.0.4-1-1-2-54 libpcre3-0.0.4-1-1-2-55 libpcre3-0.0.4-1-1-2-56 libpcre3-0.0.4-1-1-2-57 libpcre3-0.0.4-1-1-2-58 libpcre3-0.0.4-1-1-2-59 libpcre3-0.0.4-1-1-2-60 libpcre3-0.0.4-1-1-2-61 libpcre3-0.0.4-1-1-2-62 libpcre3-0.0.4-1-1-2-63 libpcre3-0.0.4-1-1-2-64 libpcre3-0.0.4-1-1-2-65 libpcre3-0.0.4-1-1-2-66 libpcre3-0.0.4-1-1-2-67 libpcre3-0.0.4-1-1-2-68 libpcre3-0.0.4-1-1-2-69 libpcre3-0.0.4-1-1-2-70 libpcre3-0.0.4-1-1-2-71 libpcre3-0.0.4-1-1-2-72 libpcre3-0.0.4-1-1-2-73 libpcre3-0.0.4-1-1-2-74 libpcre3-0.0.4-1-1-2-75 libpcre3-0.0.4-1-1-2-76 libpcre3-0.0.4-1-1-2-77 libpcre3-0.0.4-1-1-2-78 libpcre3-0.0.4-1-1-2-79 libpcre3-0.0.4-1-1-2-80 libpcre3-0.0.4-1-1-2-81 libpcre3-0.0.4-1-1-2-82 libpcre3-0.0.4-1-1-2-83 libpcre3-0.0.4-1-1-2-84 libpcre3-0.0.4-1-1-2-85 libpcre3-0.0.4-1-1-2-86 libpcre3-0.0.4-1-1-2-87 libpcre3-0.0.4-1-1-2-88 libpcre3-0.0.4-1-1-2-89 libpcre3-0.0.4-1-1-2-90 libpcre3-0.0.4-1-1-2-91 libpcre3-0.0.4-1-1-2-92 libpcre3-0.0.4-1-1-2-93 libpcre3-0.0.4-1-1-2-94 libpcre3-0.0.4-1-1-2-95 libpcre3-0.0.4-1-1-2-96 libpcre3-0.0.4-1-1-2-97 libpcre3-0.0.4-1-1-2-98 libpcre3-0.0.4-1-1-2-99 libpcre3-0.0.4-1-1-2-100 libpcre3-0.0.4-1-1-2-101 libpcre3-0.0.4-1-1-2-102 libpcre3-0.0.4-1-1-2-103 libpcre3-0.0.4-1-1-2-104 libpcre3-0.0.4-1-1-2-105 libpcre3-0.0.4-1-1-2-106 libpcre3-0.0.4-1-1-2-107 libpcre3-0.0.4-1-1-2-108 libpcre3-0.0.4-1-1-2-109 libpcre3-0.0.4-1-1-2-110 libpcre3-0.0.4-1-1-2-111 libpcre3-0.0.4-1-1-2-112 libpcre3-0.0.4-1-1-2-113 libpcre3-0.0.4-1-1-2-114 libpcre3-0.0.4-1-1-2-115 libpcre3-0.0.4-1-1-2-116 libpcre3-0.0.4-1-1-2-117 libpcre3-0.0.4-1-1-2-118 libpcre3-0.0.4-1-1-2-119 libpcre3-0.0.4-1-1-2-120 libpcre3-0.0.4-1-1-2-121 libpcre3-0.0.4-1-1-2-122 libpcre3-0.0.4-1-1-2-123 libpcre3-0.0.4-1-1-2-124 libpcre3-0.0.4-1-1-2-125 libpcre3-0.0.4-1-1-2-126 libpcre3-0.0.4-1-1-2-127 libpcre3-0.0.4-1-1-2-128 libpcre3-0.0.4-1-1-2-129 libpcre3-0.0.4-1-1-2-130 libpcre3-0.0.4-1-1-2-131 libpcre3-0.0.4-1-1-2-132 libpcre3-0.0.4-1-1-2-133 libpcre3-0.0.4-1-1-2-134 libpcre3-0.0.4-1-1-2-135 libpcre3-0.0.4-1-1-2-136 libpcre3-0.0.4-1-1-2-137 libpcre3-0.0.4-1-1-2-138 libpcre3-0.0.4-1-1-2-139 libpcre3-0.0.4-1-1-2-140 libpcre3-0.0.4-1-1-2-141 libpcre3-0.0.4-1-1-2-142 libpcre3-0.0.4-1-1-2-143 libpcre3-0.0.4-1-1-2-144 libpcre3-0.0.4-1-1-2-145 libpcre3-0.0.4-1-1-2-146 libpcre3-0.0.4-1-1-2-147 libpcre3-0.0.4-1-1-2-148 libpcre3-0.0.4-1-1-2-149 libpcre3-0.0.4-1-1-2-150 libpcre3-0.0.4-1-1-2-151 libpcre3-0.0.4-1-1-2-152 libpcre3-0.0.4-1-1-2-153 libpcre3-0.0.4-1-1-2-154 libpcre3-0.0.4-1-1-2-155 libpcre3-0.0.4-1-1-2-156 libpcre3-0.0.4-1-1-2-157 libpcre3-0.0.4-1-1-2-158 libpcre3-0.0.4-1-1-2-159 libpcre3-0.0.4-1-1-2-160 libpcre3-0.0.4-1-1-2-161 libpcre3-0.0.4-1-1-2-162 libpcre3-0.0.4-1-1-2-163 libpcre3-0.0.4-1-1-2-164 libpcre3-0.0.4-1-1-2-165 libpcre3-0.0.4-1-1-2-166 libpcre3-0.0.4-1-1-2-167 libpcre3-0.0.4-1-1-2-168 libpcre3-0.0.4-1-1-2-169 libpcre3-0.0.4-1-1-2-170 libpcre3-0.0.4-1-1-2-171 libpcre3-0.0.4-1-1-2-172 libpcre3-0.0.4-1-1-2-173 libpcre3-0.0.4-1-1-2-174 libpcre3-0.0.4-1-1-2-175 libpcre3-0.0.4-1-1-2-176 libpcre3-0.0.4-1-1-2-177 libpcre3-0.0.4-1-1-2-178 libpcre3-0.0.4-1-1-2-179 libpcre3-0.0.4-1-1-2-180 libpcre3-0.0.4-1-1-2-181 libpcre3-0.0.4-1-1-2-182 libpcre3-0.0.4-1-1-2-183 libpcre3-0.0.4-1-1-2-184 libpcre3-0.0.4-1-1-2-185 libpcre3-0.0.4-1-1-2-186 libpcre3-0.0.4-1-1-2-187 libpcre3-0.0.4-1-1-2-188 libpcre3-0.0.4-1-1-2-189 libpcre3-0.0.4-1-1-2-190 libpcre3-0.0.4-1-1-2-191 libpcre3-0.0.4-1-1-2-192 libpcre3-0.0.4-1-1-2-193 libpcre3-0.0.4-1-1-2-194 libpcre3-0.0.4-1-1-2-195 libpcre3-0.0.4-1-1-2-196 libpcre3-0.0.4-1-1-2-197 libpcre3-0.0.4-1-1-2-198 libpcre3-0.0.4-1-1-2-199 libpcre3-0.0.4-1-1-2-200 libpcre3-0.0.4-1-1-2-201 libpcre3-0.0.4-1-1-2-202 libpcre3-0.0.4-1-1-2-203 libpcre3-0.0.4-1-1-2-204 libpcre3-0.0.4-1-1-2-205 libpcre3-0.0.4-1-1-2-206 libpcre3-0.0.4-1-1-2-207 libpcre3-0.0.4-1-1-2-208 libpcre3-0.0.4-1-1-2-209 libpcre3-0.0.4-1-1-2-210 libpcre3-0.0.4-1-1-2-211 libpcre3-0.0.4-1-1-2-212 libpcre3-0.0.4-1-1-2-213 libpcre3-0.0.4-1-1-2-214 libpcre3-0.0.4-1-1-2-215 libpcre3-0.0.4-1-1-2-216 libpcre3-0.0.4-1-1-2-217 libpcre3-0.0.4-1-1-2-218 libpcre3-0.0.4-1-1-2-219 libpcre3-0.0.4-1-1-2-220 libpcre3-0.0.4-1-1-2-221 libpcre3-0.0.4-1-1-2-222 libpcre3-0.0.4-1-1-2-223 libpcre3-0.0.4-1-1-2-224 libpcre3-0.0.4-1-1-2-225 libpcre3-0.0.4-1-1-2-226 libpcre3-0.0.4-1-1-2-227 libpcre3-0.0.4-1-1-2-228 libpcre3-0.0.4-1-1-2-229 libpcre3-0.0.4-1-1-2-230 libpcre3-0.0.4-1-1-2-231 libpcre3-0.0.4-1-1-2-232 libpcre3-0.0.4-1-1-2-233 libpcre3-0.0.4-1-1-2-234 libpcre3-0.0.4-1-1-2-235 libpcre3-0.0.4-1-1-2-236 libpcre3-0.0.4-1-1-2-237 libpcre3-0.0.4-1-1-2-238 libpcre3-0.0.4-1-1-2-239 libpcre3-0.0.4-1-1-2-240 libpcre3-0.0.4-1-1-2-241 libpcre3-0.0.4-1-1-2-242 libpcre3-0.0.4-1-1-2-243 libpcre3-0.0.4-1-1-2-244 libpcre3-0.0.4-1-1-2-245 libpcre3-0.0.4-1-1-2-246 libpcre3-0.0.4-1-1-2-247 libpcre3-0.0.4-1-1-2-248 libpcre3-0.0.4-1-1-2-249 libpcre3-0.0.4-1-1-2-250 libpcre3-0.0.4-1-1-2-251 libpcre3-0.0.4-1-1-2-252 libpcre3-0.0.4-1-1-2-253 libpcre3-0.0.4-1-1-2-254 libpcre3-0.0.4-1-1-2-255 libpcre3-0.0.4-1-1-2-256 libpcre3-0.0.4-1-1-2-257 libpcre3-0.0.4-1-1-2-258 libpcre3-0.0.4-1-1-2-259 libpcre3-0.0.4-1-1-2-260 libpcre3-0.0.4-1-1-2-261 libpcre3-0.0.4-1-1-2-262 libpcre3-0.0.4-1-1-2-263 libpcre3-0.0.4-1-1-2-264 libpcre3-0.0.4-1-1-2-265 libpcre3-0.0.4-1-1-2-266 libpcre3-0.0.4-1-1-2-267 libpcre3-0.0.4-1-1-2-268 libpcre3-0.0.4-1-1-2-269 libpcre3-0.0.4-1-1-2-270 libpcre3-0.0.4-1-1-2-271 libpcre3-0.0.4-1-1-2-272 libpcre3-0.0.4-1-1-2-273 libpcre3-0.0.4-1-1-2-274 libpcre3-0.0.4-1-1-2-275 libpcre3-0.0.4-1-1-2-276 libpcre3-0.0.4-1-1-2-277 libpcre3-0.0.4-1-1-2-278 libpcre3-0.0.4-1-1-2-279 libpcre3-0.0.4-1-1-2-280 libpcre3-0.0.4-1-1-2-281 libpcre3-0.0.4-1-1-2-282 libpcre3-0.0.4-1-1-2-283 libpcre3-0.0.4-1-1-2-284 libpcre3-0.0.4-1-1-2-285 libpcre3-0.0.4-1-1-2-286 libpcre3-0.0.4-1-1-2-287 libpcre3-0.0.4-1-1-2-288 libpcre3-0.0.4-1-1-2-289 libpcre3-0.0.4-1-1-2-290 libpcre3-0.0.4-1-1-2-291 libpcre3-0.0.4-1-1-2-292 libpcre3-0.0.4-1-1-2-293 libpcre3-0.0.4-1-1-2-294 libpcre3-0.0.4-1-1-2-295 libpcre3-0.0.4-1-1-2-296 libpcre3-0.0.4-1-1-2-297 libpcre3-0.0.4-1-1-2-298 libpcre3-0.0.4-1-1-2-299 libpcre3-0.0.4-1-1-2-300 libpcre3-0.0.4-1-1-2-301 libpcre3-0.0.4-1-1-2-302 libpcre3-0.0.4-1-1-2-303 libpcre3-0.0.4-1-1-2-304 libpcre3-0.0.4-1-1-2-305 libpcre3-0.0.4-1-1-2-306 libpcre3-0.0.4-1-1-2-307 libpcre3-0.0.4-1-1-2-308 libpcre3-0.0.4-1-1-2-309 libpcre3-0.0.4-1-1-2-310 libpcre3-0.0.4-1-1-2-311 libpcre3-0.0.4-1-1-2-312 libpcre3-0.0.4-1-1-2-313 libpcre3-0.0.4-1-1-2-314 libpcre3-0.0.4-1-1-2-315 libpcre3-0.0.4-1-1-2-316 libpcre3-0.0.4-1-1-2-317 libpcre3-0.0.4-1-1-2-318 libpcre3-0.0.4-1-1-2-319 libpcre3-0.0.4-1-1-2-320 libpcre3-0.0.4-1-1-2-321 libpcre3-0.0.4-1-1-2-322 libpcre3-0.0.4-1-1-2-323 libpcre3-0.0.4-1-1-2-324 libpcre3-0.0.4-1-1-2-325 libpcre3-0.0.4-1-1-2-326 libpcre3-0.0.4-1-1-2-327 libpcre3-0.0.4-1-1-2-328 libpcre3-0.0.4-1-1-2-329 libpcre3-0.0.4-1-1-2-330 libpcre3-0.0.4-1-1-2-331 libpcre3-0.0.4-1-1-2-332 libpcre3-0.0.4-1-1-2-333 libpcre3-0.0.4-1-1-2-334 libpcre3-0.0.4-1-1-2-335 libpcre3-0.0.4-1-1-2-336 libpcre3-0.0.4-1-1-2-337 libpcre3-0.0.4-1-1-2-338 libpcre3-0.0.4-1-1-2-339 libpcre3-0.0.4-1-1-2-340 libpcre3-0.0.4-1-1-2-341 libpcre3-0.0.4-1-1-2-342 libpcre3-0.0.4-1-1-2-343 libpcre3-0.0.4-1-1-2-344 libpcre3-0.0.4-1-1-2-345 libpcre3-0.0.4-1-1-2-346 libpcre3-0.0.4-1-1-2-347 libpcre3-0.0.4-1-1-2-348 libpcre3-0.0.4-1-1-2-349 libpcre3-0.0.4-1-1-2-350 libpcre3-0.0.4-1-1-2-351 libpcre3-0.0.4-1-1-2-352 libpcre3-0.0.4-1-1-2-353 libpcre3-0.0.4-1-1-2-354 libpcre3-0.0.4-1-1-2-355 libpcre3-0.0.4-1-1-2-356 libpcre3-0.0.4-1-1-2-357 libpcre3-0.0.4-1-1-2-358 libpcre3-0.0.4-1-1-2-359 libpcre3-0.0.4-1-1-2-360 libpcre3-0.0.4-1-1-2-361 libpcre3-0.0.4-1-1-2-362 libpcre3-0.0.4-1-1-2-363 libpcre3-0.0.4-1-1-2-364 libpcre3-0.0.4-1-1-2-365 libpcre3-0.0.4-1-1-2-366 libpcre3-0.0.4-1-1-2-367 libpcre3-0.0.4-1-1-2-368 libpcre3-0.0.4-1-1-2-369 libpcre3-0.0.4-1-1-2-370 libpcre3-0.0.4-1-1-2-371 libpcre3-0.0.4-1-1-2-372 libpcre3-0.0.4-1-1-2-373 libpcre3-0.0.4-1-1-2-374 libpcre3-0.0.4-1-1-2-375 libpcre3-0.0.4-1-1-2-376 libpcre3-0.0.4-1-1-2-377 libpcre3-0.0.4-1-1-2-378 libpcre3-0.0.4-1-1-2-379 libpcre3-0.0.4-1-1-2-380 libpcre3-0.0.4-1-1-2-381 libpcre3-0.0.4-1-1-2-382 libpcre3-0.0.4-1-1-2-383 libpcre3-0.0.4-1-1-2-384 libpcre3-0.0.4-1-1-2-385 libpcre3-0.0.4-1-1-2-386 libpcre3-0.0.4-1-1-2-387 libpcre3-0.0.4-1-1-2-388 libpcre3-0.0.4-1-1-2-389 libpcre3-0.0.4-1-1-2-390 libpcre3-0.0.4-1-1-2-391 libpcre3-0.0.4-1-1-2-392 libpcre3-0.0.4-1-1-2-393 libpcre3-0.0.4-1-1-2-394 libpcre3-0.0.4-1-1-2-395 libpcre3-0.0.4-1-1-2-396 libpcre3-0.0.4-1-1-2-397 libpcre3-0.0.4-1-1-2-398 libpcre3-0.0.4-1-1-2-399 libpcre3-0.0.4-1-1-2-400 libpcre3-0.0.4-1-1-2-401 libpcre3-0.0.4-1-1-2-402 libpcre3-0.0.4-1-1-2-403 libpcre3-0.0.4-1-1-2-404 libpcre3-0.0.4-1-1-2-405 libpcre3-0.0.4-1-1-2-406 libpcre3-0.0.4-1-1-2-407 libpcre3-0.0.4-1-1-2-408 libpcre3-0.0.4-1-1-2-409 libpcre3-0.0.4-1-1-2-410 libpcre3-0.0.4-1-1-2-411 libpcre3-0.0.4-1-1-2-412 libpcre3-0.0.4-1-1-2-413 libpcre3-0.0.4-1-1-2-414 libpcre3-0.0.4-1-1-2-415 libpcre3-0.0.4-1-1-2-416 libpcre3-0.0.4-1-1-2-417 libpcre3-0.0.4-1-1-2-418 libpcre3-0.0.4-1-1-2-419 libpcre3-0.0.4-1-1-2-420 libpcre3-0.0.4-1-1-2-421 libpcre3-0.0.4-1-1-2-422 libpcre3-0.0.4-1-1-2-423 libpcre3-0.0.4-1-1-2-424 libpcre3-0.0.4-1-1-2-425 libpcre3-0.0.4-1-1-2-426 libpcre3-0.0.4-1-1-2-427 libpcre3-0.0.4-1-1-2-428 libpcre3-0.0.4-1-1-2-429 libpcre3-0.0.4-1-1-2-430 libpcre3-0.0.4-1-1-2-431 libpcre3-0.0.4-1-1-2-432 libpcre3-0.0.4-1-1-2-433 libpcre3-0.0.4-1-1-2-434 libpcre3-0.0.4-1-1-2-435 libpcre3-0.0.4-1-1-2-436 libpcre3-0.0.4-1-1-2-437 libpcre3-0.0.4-1-1-2-438 libpcre3-0.0.4-1-1-2-439 libpcre3-0.0.4-1-1-2-440 libpcre3-0.0.4-1-1-2-441 libpcre3-0.0.4-1-1-2-442 libpcre3-0.0.4-1-1-2-443 libpcre3-0.0.4-1-1-2-444 libpcre3-0.0.4-1-1-2-445 libpcre3-0.0.4-1-1-2-446 libpcre3-0.0.4-1-1-2-447 libpcre3-0.0.4-1-1-2-448 libpcre3-0.0.4-1-1-2-449 libpcre3-0.0.4-1-1-2-450 libpcre3-0.0.4-1-1-2-451 libpcre3-0.0.4-1-1-2-452 libpcre3-0.0.4-1-1-2-453 libpcre3-0.0.4-1-1-2-454 libpcre3-0.0.4-1-1-2-455 libpcre3-0.0.4-1-1-2-456 libpcre3-0.0.4-1-1-2-457 libpcre3-0.0.4-1-1-2-458 libpcre3-0.0.4-1-1-2-459 libpcre3-0.0.4-1-1-2-460 libpcre3-0.0.4-1-1-2-461 libpcre3-0.0.4-1-1-2-462 libpcre3-0.0.4-1-1-2-463 libpcre3-0.0.4-1-1-2-464 libpcre3-0.0.4-1-1-2-465 libpcre3-0.0.4-1-1-2-466 libpcre3-0.0.4-1-1-2-467 libpcre3-0.0.4-1-1-2-468 libpcre3-0.0.4-1-1-2-469 libpcre3-0.0.4-1-1-2-470 libpcre3-0.0.4-1-1-2-471 libpcre3-0.0.4-1-1-2-472 libpcre3-0.0.4-1-1-2-473 libpcre3-0.0.4-1-1-2-474 libpcre3-0.0.4-1-1-2-475 libpcre3-0.0.4-1-1-2-476 libpcre3-0.0.4-1-1-2-477 libpcre3-0.0.4-1-1-2-478 libpcre3-0.0.4-1-1-2-479 libpcre3-0.0.4-1-1-2-480 libpcre3-0.0.4-1-1-2-481 libpcre3-0.0.4-1-1-2-482 libpcre3-0.0.4-1-1-2-483 libpcre3-0.0.4-1-1-2-484 libpcre3-0.0.4-1-1-2-485 libpcre3-0.0.4-1-1-2-486 libpcre3-0.0.4-1-1-2-487 libpcre3-0.0.4-1-1-2-488 libpcre3-0.0.4-1-1-2-489 libpcre3-0.0.4-1-1-2-490 libpcre3-0.0.4-1-1-2-491 libpcre3-0.0.4-1-1-2-492 libpcre3-0.0.4-1-1-2-493 libpcre3-0.0.4-1-1-2-494 libpcre3-0.0.4-1-1-2-495 libpcre3-0.0.4-1-1-2-496 libpcre3-0.0.4-1-1-2-497 libpcre3-0.0.4-1-1-2-498 libpcre3-0.0.4-1-1-2-499 libpcre3-0.0.4-1-1-2-500 libpcre3-0.0.4-1-1-2-501 libpcre3-0.0.4-1-1-2-502 libpcre3-0.0.4-1-1-2-50
```



7- Instalar MySQL Workbench en tu sistema principal (fuera de la VM)



Descárgalo desde: <https://dev.mysql.com/downloads/workbench/>