

# Implementación y Configuración de Servidor Ubuntu - Práctica de Comandos Básicos

Descarga la última versión de VirtualBox

## Oracle VirtualBox Base Packages - 7.1.6

Freely available for Windows, Mac OS X, Linux and Solaris x86 platforms under [GPLv3](#):

Platform	64-bit
Windows	<a href="#">↓</a> Windows Installer
Mac OS X	<a href="#">↓</a> dmg Image
Solaris 11	<a href="#">↓</a> Solaris Package

## Descargar Ubuntu Server

[Manual installation](#) [Instant VMs](#) [Automated provisioning](#)

## Ubuntu 24.04.2 LTS



The latest [LTS](#) version of Ubuntu Server. LTS stands for long-term support — which means five years of free security and maintenance updates, extended to 10 years with [Ubuntu Pro](#).

[Download 24.04.2 LTS](#) 3GB

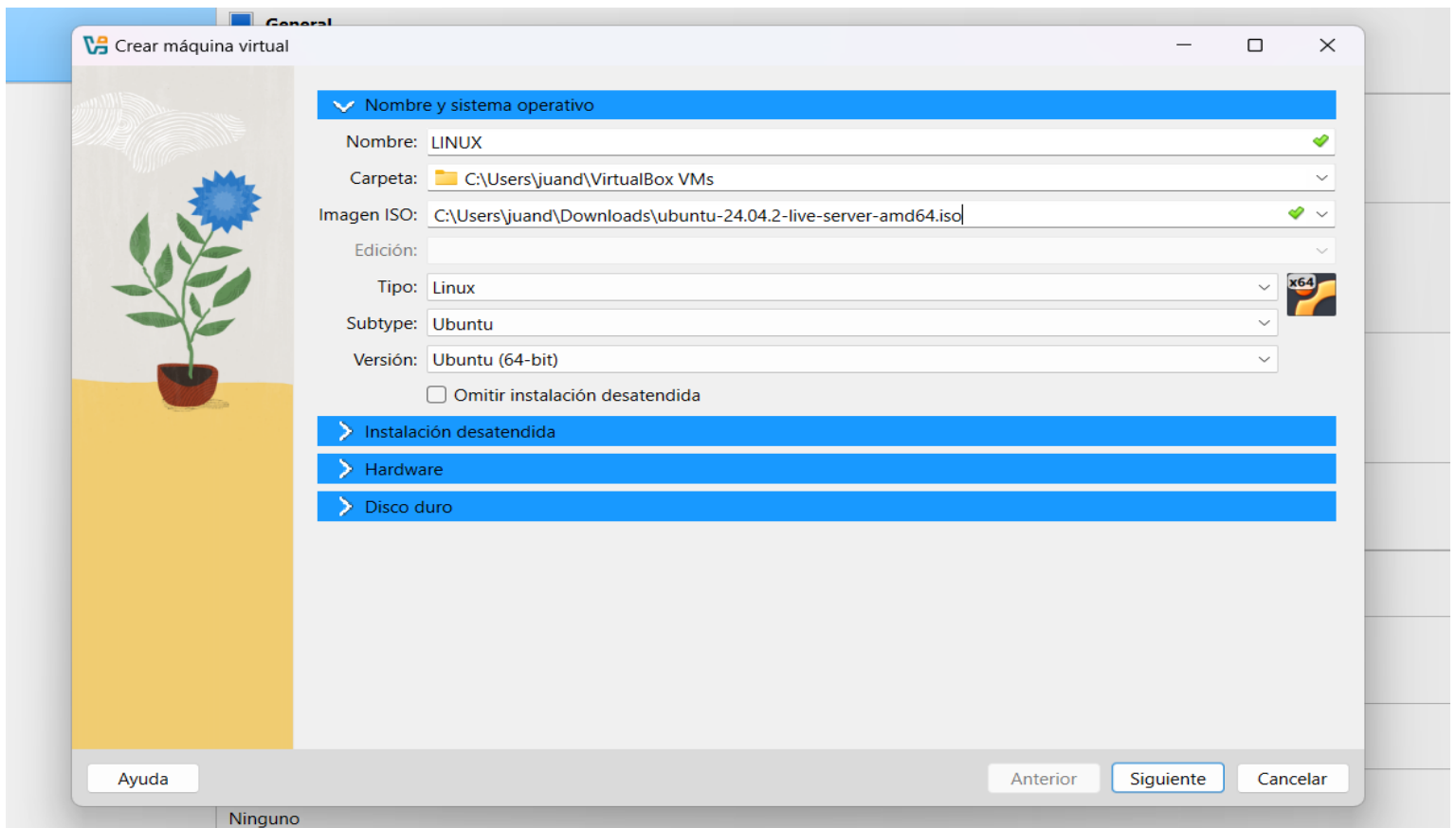
[Alternative downloads >](#)

[Alternative architectures >](#)

[What's new](#) [System requirements](#) [How to install](#)

- ✓ Linux 6.8 kernel with low latency kernel features enabled by default
- ✓ Frame pointers enabled by default for the majority of packages on

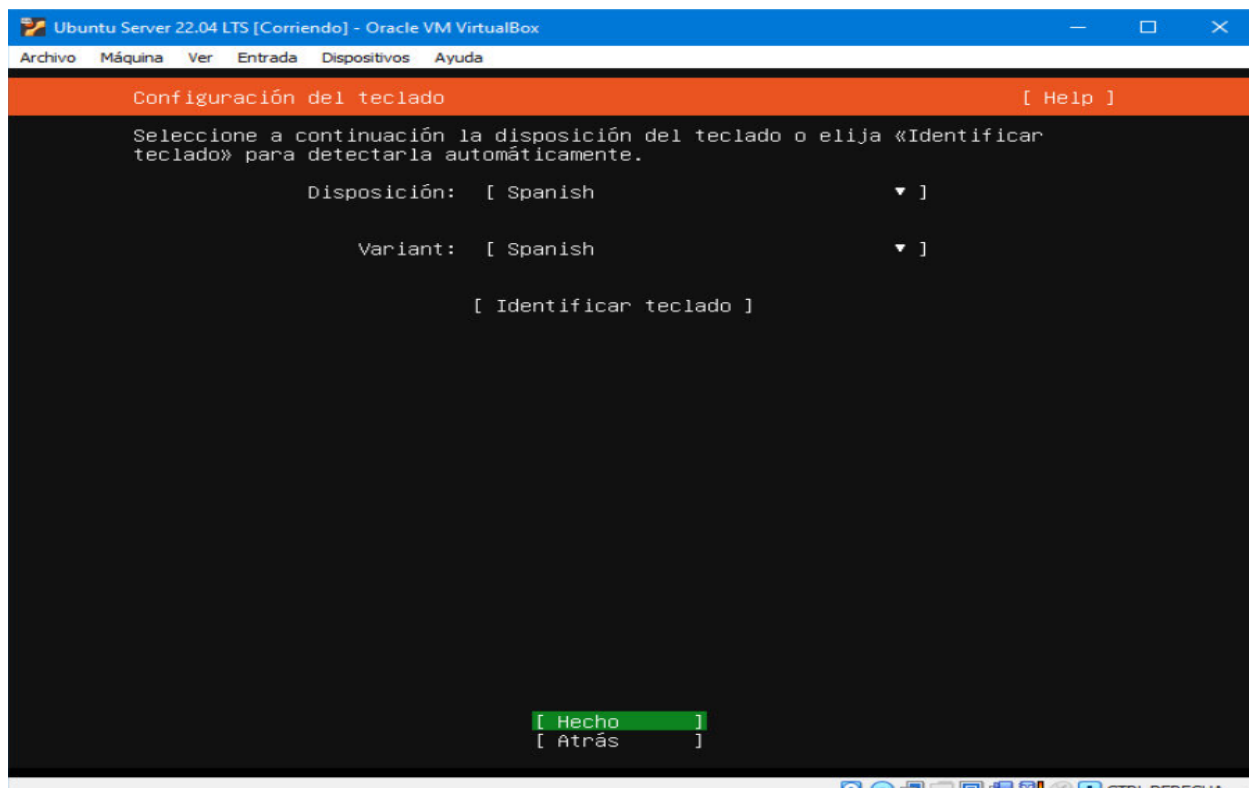
## Añadir y Configurar La maquina virtual

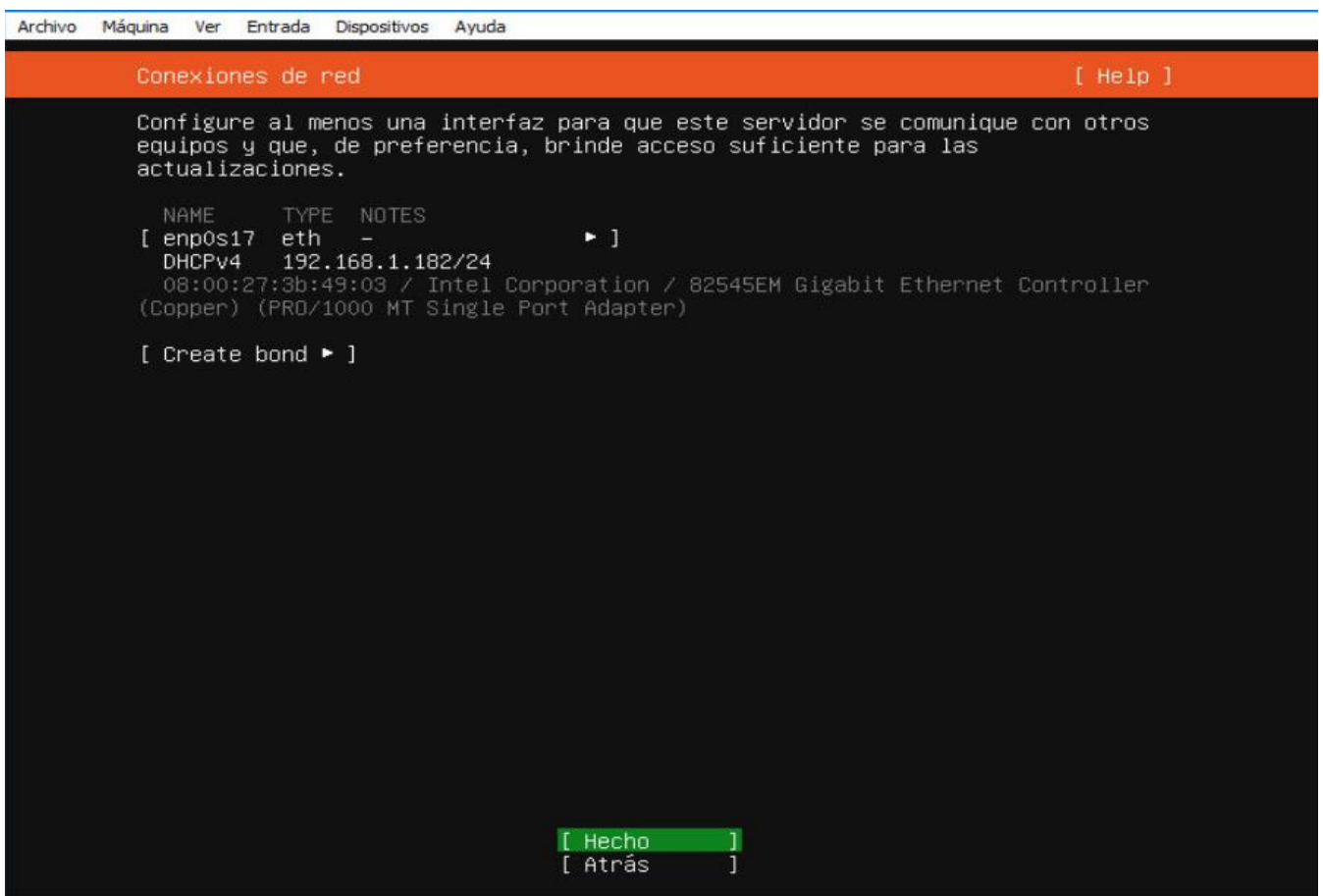
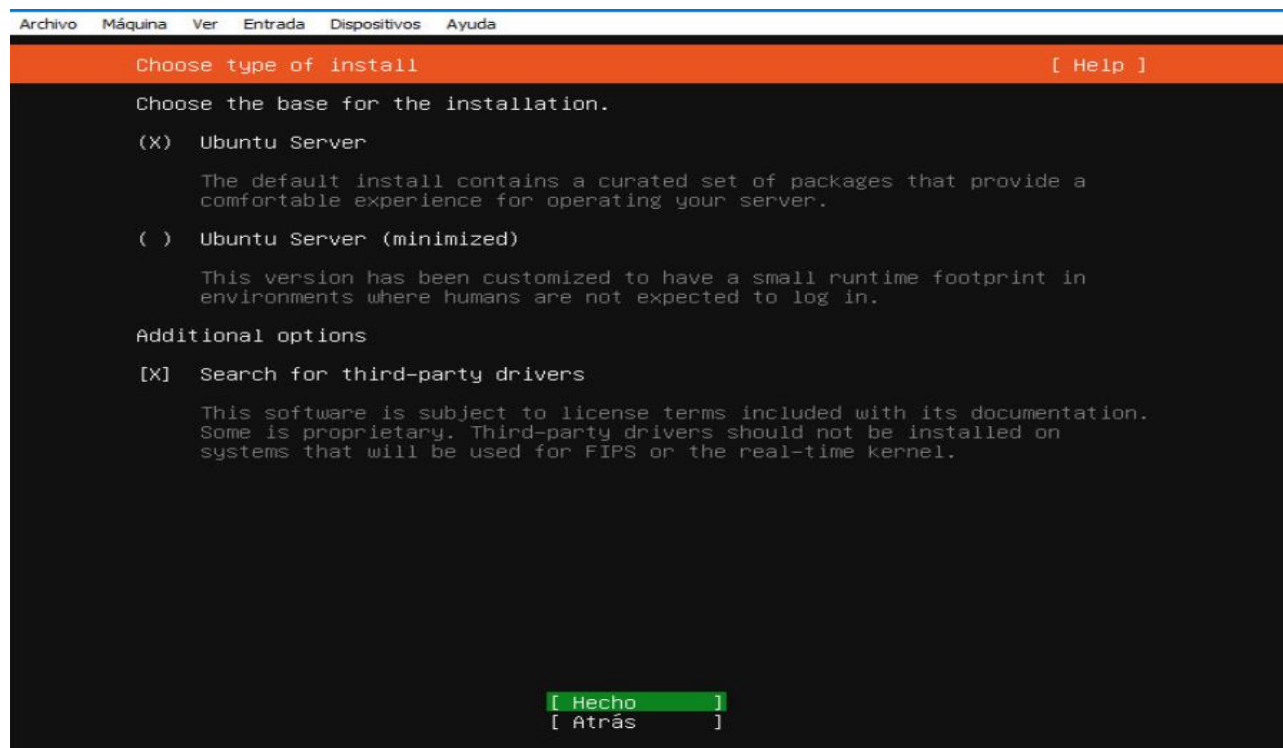


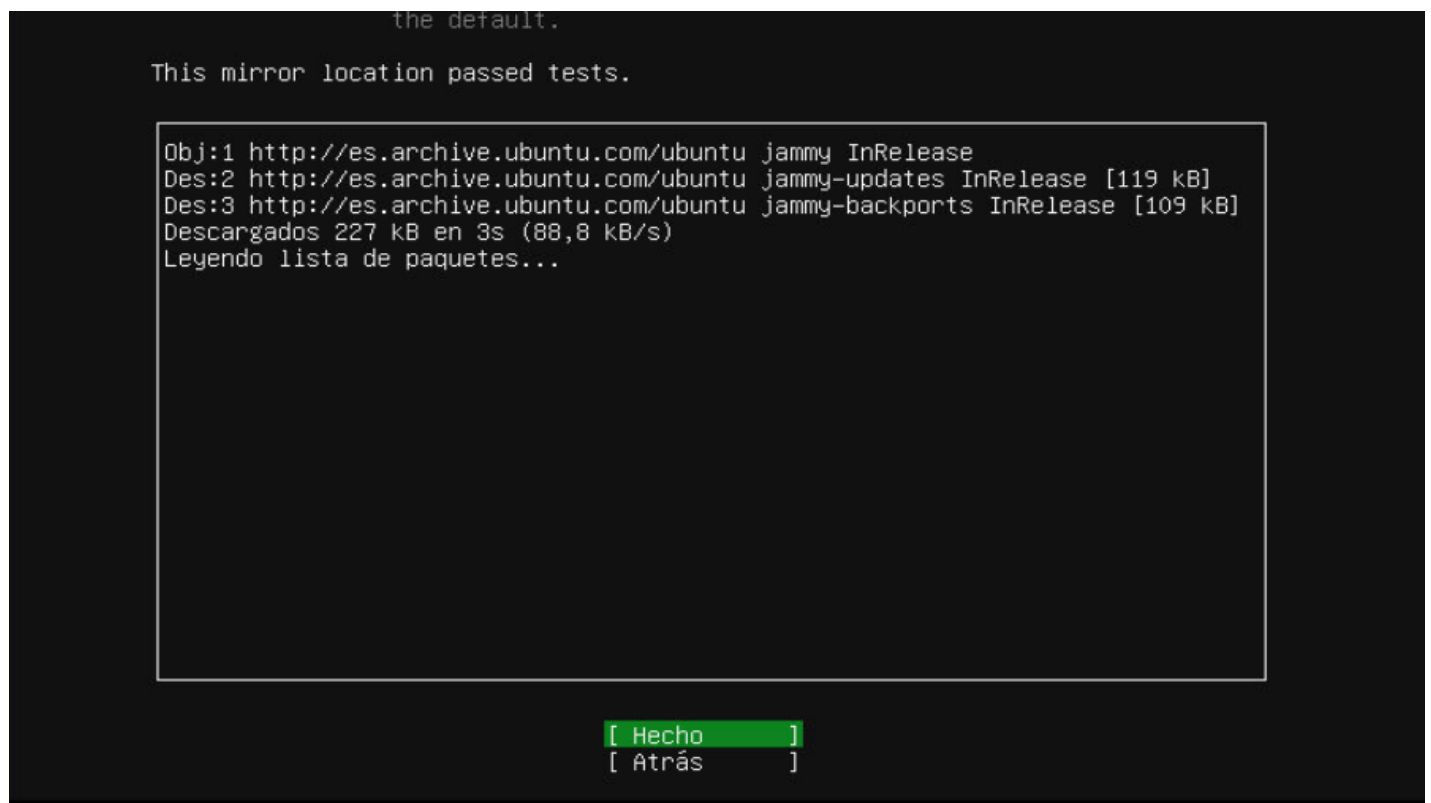
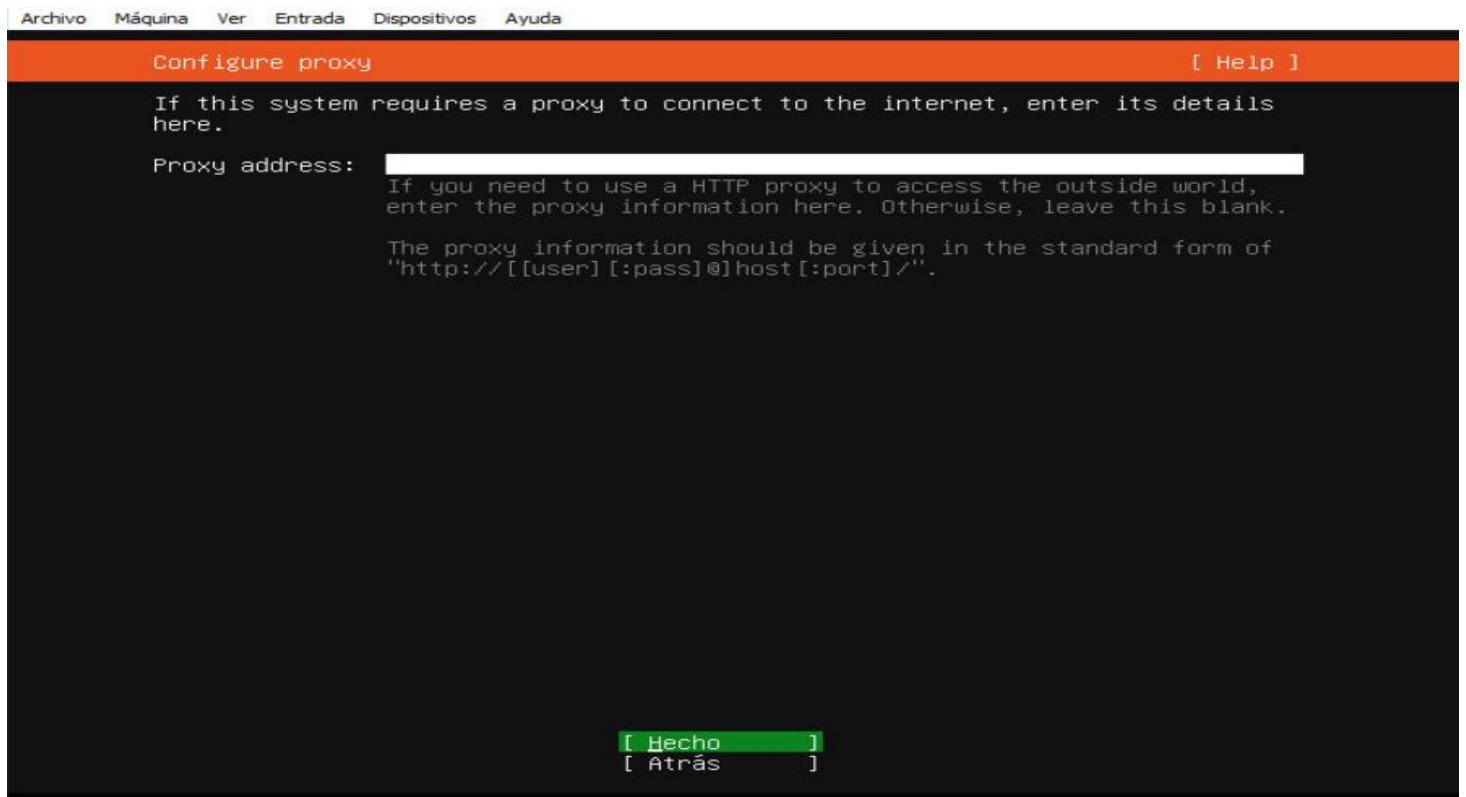
## Esperar la configuración automática de Linux server

```
storage devices
finish: subiquity/Drivers/_list_drivers/cmd-in-target: curtin command in-target
finish: subiquity/Drivers/_list_drivers:
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta/clear-holders: removing previous s
storage devices
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta/: configuring disk: disk-sda
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta/: configuring disk: disk-sda
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta: configuring partition: partition-0
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta: configuring partition: partition-0
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta: configuring partition: partition-1
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta: configuring partition: partition-1
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta: configuring format: format-0
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta: configuring format: format-0
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta: configuring mount: mount-0
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin/cmd-block-meta: configuring mount: mount-0
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning/builtin: running 'curtin block-meta simple'
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-partitioning: configuring storage
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install: curtin command install
finish: subiquity/Install/Install/curtin_install/run_curtin_step: executing curtin install partitioning step
start: subiquity/Install/Install/curtin_install/run_curtin_step: executing curtin install extract step
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install: curtin command install
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-extract: writing install sources to disk
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-extract/builtin: running 'curtin extract'
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-extract/builtin/cmd-extract: curtin command extract
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-extract/builtin/cmd-extract/: acquiring and extracting image from cp://
/tmp/tmpyyz37p3g/mount
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-extract/builtin/cmd-extract/: acquiring and extracting image from cp://
/tmp/tmpyyz37p3g/mount
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-extract/builtin: running 'curtin extract'
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-extract: writing install sources to disk
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install: curtin command install
finish: subiquity/Install/Install/curtin_install/run_curtin_step: executing curtin install extract step
start: subiquity/Install/Install/curtin_install/setup_target: configuring keyboard
start: subiquity/Install/Install/curtin_install/setup_target/cmd-in-target: curtin command in-target
finish: subiquity/Install/Install/curtin_install/setup_target/cmd-in-target: curtin command in-target
finish: subiquity/Install/Install/curtin_install/setup_target: configuring keyboard
start: subiquity/Install/Install/curtin_install/run_curtin_step: executing curtin install curthooks step
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install: curtin command install
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-curthooks: configuring installed system
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-curthooks/builtin: running 'curtin curthooks'
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-curthooks/builtin/cmd-curthooks: curtin command curthooks
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-curthooks/builtin/cmd-curthooks/writing-apt-config: configuring apt con
figuring apt
finish: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-curthooks/builtin/cmd-curthooks/writing-apt-config: configuring apt co
nfiguring apt
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-curthooks/builtin/cmd-curthooks/installing-missing-packages: installing
missing packages
start: subiquity/Install/Install/curtin_install/run_curtin_step/cmd-install/stage-curthooks/builtin/cmd-curthooks/: Installing packages on target system:
['grub-pc']
```

## Configurar el Idioma







## Storage configuration

[ Help ]

### RESUMEN DEL SISTEMA DE ARCHIVOS

PUNTO DE MONTAJE	TAMAÑO	TIPO	TIPO DE DISPOSITIVO
[ /	6.246G	new ext4	new LVM logical volume ▶ ]
[ /boot	1.750G	new ext4	new partition of disco local ▶ ]

### DISPOSITIVOS DISPONIBLES

No available devices

- [ Create software RAID (md) ▶ ]
- [ Crear grupo de volúmenes (LVM) ▶ ]

### DISPOSITIVOS UTILIZADOS

DISPOSITIVO	TIPO	TAMAÑO
[ ubuntu-vg (new)	LVM volume group	6.246G ▶ ]
ubuntu-lv new, to be formatted as ext4, mounted at /		6.246G ▶ ]
[ VBOX_HARDDISK_VBd8ed7ee1-3d2fd6b3	disco local	8.000G ▶ ]
partition 1 new, BIOS grub spacer		1.000M ▶ ]
partition 2 new, to be formatted as ext4, mounted at /boot		1.750G ▶ ]
partition 3 new, PV of LVM volume group ubuntu-vg		6.247G ▶ ]

- [ Hecho ]
- [ Restablecer ]
- [ Atrás ]

## Storage configuration

[ Help ]

### RESUMEN DEL SISTEMA DE ARCHIVOS

PUNTO DE MONTAJE	TAMAÑO	TIPO	TIPO DE DISPOSITIVO
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[ /boot	1.750G	new ext4	new partition of disco local ▶ ]

### DISPOSITIVOS DISPONIBLES

#### Confirmar acción destructiva

Selecting Continue below will begin the installation process and result in the loss of data on the disks selected to be formatted.

You will not be able to return to this or a previous screen once the installation has started.

Are you sure you want to continue?

- [ No ]
- [ Continuar ]

- [ Hecho ]
- [ Restablecer ]
- [ Atrás ]

## Configuración de perfil

[ Help ]

Enter the username and password you will use to log in to the system. You can configure SSH access on a later screen but a password is still needed for sudo.

Su nombre: El Instalador

Your servers name: ubuntu2204

The name it uses when it talks to other computers.

Elija un nombre de usuario: instalador

Elija una contraseña: \*\*\*\*

Confirme la contraseña: \*\*\*\*

[ Hecho ]

## Upgrade to Ubuntu Pro

[ Help ]

Upgrade this machine to Ubuntu Pro for security updates on a much wider range of packages, until 2032. Assists with FedRAMP, FIPS, STIG, HIPAA and other compliance or hardening requirements.

[ About Ubuntu Pro ► ]

( ) Enable Ubuntu Pro

(X) Skip for now

You can always enable Ubuntu Pro later via the 'pro attach' command.

[ Continuar ]

[ Atrás ]



## Featured Server Snaps

[ Help ]

These are popular snaps in server environments. Select or deselect with SPACE, press ENTER to see more details of the package, publisher and versions available.

[ ]	microk8s	Kubernetes for workstations and appliances	▶
[ ]	nextcloud	Nextcloud Server - A safe home for all your data	▶
[ ]	wekan	Open-Source kanban	▶
[ ]	kata-containers	Build lightweight VMs that seamlessly plug into the c	▶
[ ]	docker	Docker container runtime	▶
[ ]	canonical-livepatch	Canonical Livepatch Client	▶
[ ]	rocketchat-server	Rocket.Chat server	▶
[ ]	mosquitto	Eclipse Mosquitto MQTT broker	▶
[ ]	etcd	Resilient key-value store by CoreOS	▶
[ ]	powershell	PowerShell for every system!	▶
[ ]	sabnzbd	SABnzbd	▶
[ ]	wormhole	get things from one computer to another, safely	▶
[ ]	aws-cli	Universal Command Line Interface for Amazon Web Servi	▶
[ ]	google-cloud-sdk	Google Cloud SDK	▶
[ ]	slcli	Python based SoftLayer API Tool.	▶
[ ]	doctl	The official DigitalOcean command line interface	▶
[ ]	conjure-up	Package runtime for conjure-up spells	▶
[ ]	postgresql10	PostgreSQL is a powerful, open source object-relation	▶
[ ]	heroku	CLI client for Heroku	▶
[ ]	keepalived	High availability VRRP/BFD and load-balancing for Lin	▶
[ ]	prometheus	The Prometheus monitoring system and time series data	▶

[ Hecho ]

[ Atrás ]

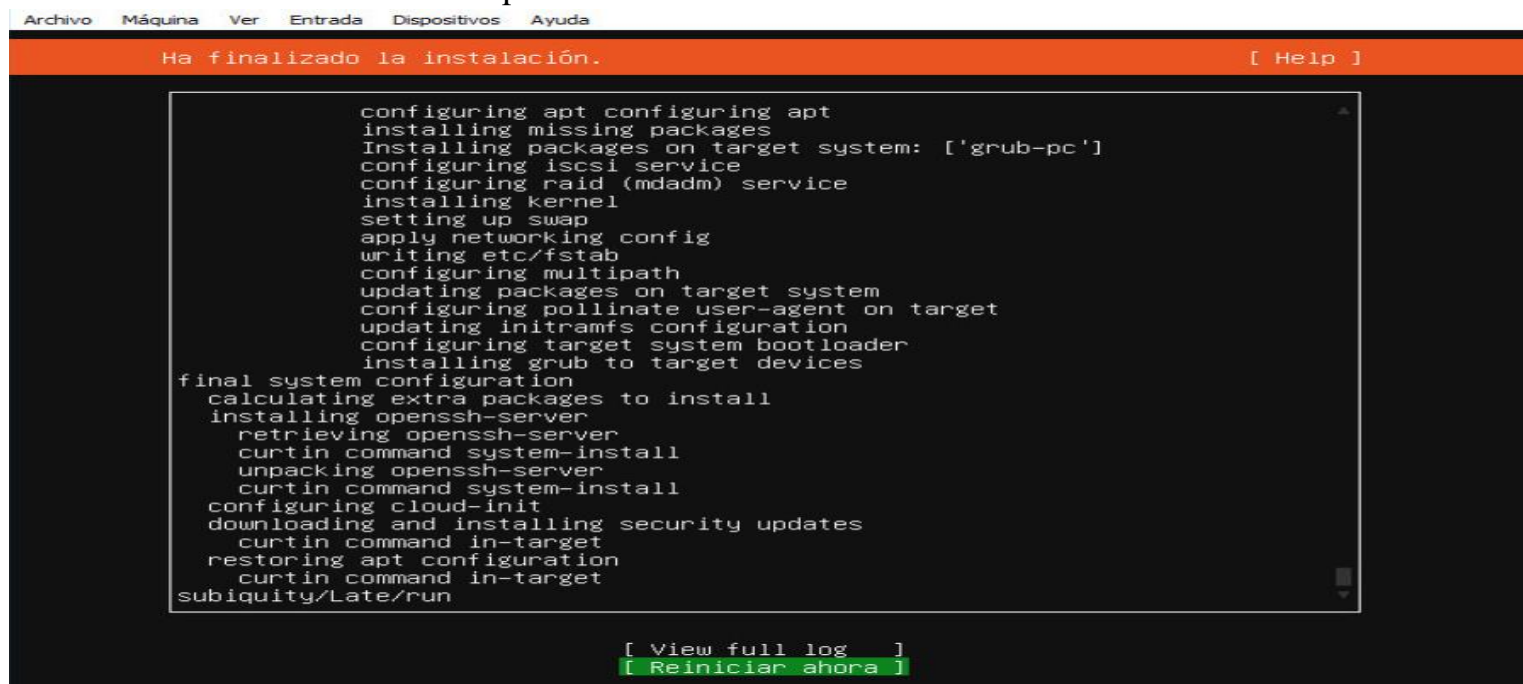
## Instalando el sistema

[ Help ]

```
subiquity/2dev/apply_autoinstall_config
subiquity/Ad/apply_autoinstall_config
subiquity/Late/apply_autoinstall_config
configuring apt
  curtin command in-target
installing system
  executing curtin install initial step
  executing curtin install partitioning step
  curtin command install
    configuring storage
      running 'curtin block-meta simple'
      curtin command block-meta
        removing previous storage devices
        configuring disk: disk-sda
        configuring partition: partition-0
        configuring partition: partition-1
        configuring format: format-0
        configuring partition: partition-2
        configuring lvm_volgroup: lvm_volgroup-0
        configuring lvm_partition: lvm_partition-0
        configuring format: format-1
        configuring mount: mount-1
        configuring mount: mount-0
  executing curtin install extract step
    curtin command install
      writing install sources to disk
      running 'curtin extract'
      curtin command extract
        acquiring and extracting image from cp:///tmp/tmpv0clhffm/mount
```

[ View full log ]

## Reiniciar ahora la maquina



## Iniciar sesión en la consola

```
Ubuntu 24.04.2 LTS LINUX2 tty1
LINUX2 login: juan
Password:
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-55-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Mon Mar 17 08:35:47 PM UTC 2025

System load:          0.0
Usage of /:           10.2% of 24.44GB
Memory usage:         9%
Swap usage:           0%
Processes:            94
Users logged in:      0
IPv4 address for enp0s3: 10.0.2.15
IPv6 address for enp0s3: fd00::a00:27ff:fe01:ce30

Expanded Security Maintenance for Applications is not enabled.

83 updates can be applied immediately.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

juan@LINUX2:~$ _
```

## Digitar los comandos para virtualización

**Sudo apt-get update:** Se usa para actualizar la lista de paquetes disponibles en los repositorios configurados.

```
juan@LINUX2:~$ sudo apt -get update
[sudo] password for juan:
E: Command line option 'g' [from -get] is not understood in combination with the other options.
juan@LINUX2:~$ sudo apt-get update
Hit:1 http://co.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://co.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://co.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease
Reading package lists... Done
juan@LINUX2:~$ sudo apt install slim
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libice6 libsm6 libxaw7 libxft2 libxinerama1 libxmu6 libxrandr2 libxrender1 libxt6t64 x11-common xbitmaps xterm
Suggested packages:
  scrot xfonts-cyrillic
Recommended packages:
  luit | x11-utils
The following NEW packages will be installed:
  libice6 libsm6 libxaw7 libxft2 libxinerama1 libxmu6 libxrandr2 libxrender1 libxt6t64 slim x11-common xbitmaps xterm
0 upgraded, 13 newly installed, 0 to remove and 49 not upgraded.
Need to get 2,861 kB of archives.
After this operation, 6,581 kB of additional disk space will be used.
Do you want to continue? [Y/n] ^[S
```

## Sudo apt install Slim: Se usa para instalar SLiM

```
| Configuring gdm3 |
A display manager is a program that provides graphical login capabilities for the X Window System.

Only one display manager can manage a given X server, but multiple display manager packages are installed. Please select which display manager should
run by default.

Multiple display managers can run simultaneously if they are configured to manage different servers; to achieve this, configure the display managers
accordingly, edit each of their init scripts in /etc/init.d, and disable the check for a default display manager.

Default display manager:

gdm3
slim

<Ok>
```

Reiniciar y ya esta lista la consola

