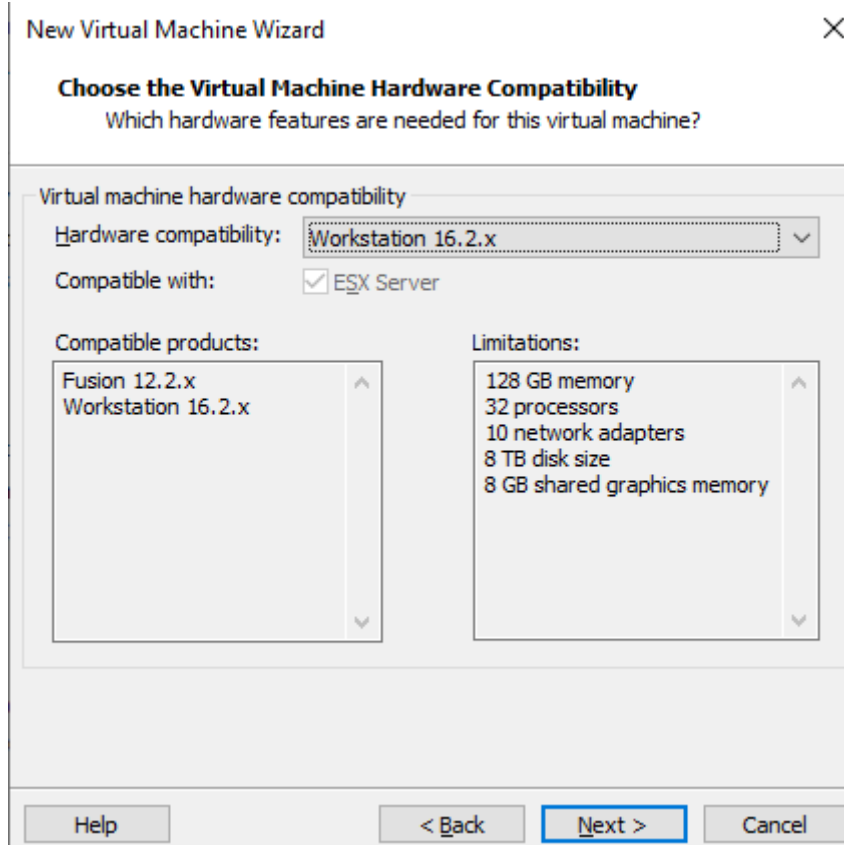




Creamos una nueva maquina virtual, seleccionando la opción Custom



La compatibilidad la dejaremos como esta.

New Virtual Machine Wizard ✕

Guest Operating System Installation
A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:

☐ Installer disc:
No drives available

☐ Installer disc image file (iso):
Browse...

☒ I will install the operating system later.
The virtual machine will be created with a blank hard disk.

Help < Back **Next >** Cancel

Le daremos a instalar el sistema operativo mas tarde.

New Virtual Machine Wizard ✕

Select a Guest Operating System
Which operating system will be installed on this virtual machine?

Guest operating system

☐ Microsoft Windows
☒ Linux
☐ VMware ESX
☐ Other

Version
Ubuntu 64-bit

Help < Back **Next >** Cancel

Elegiremos Ubuntu64.

New Virtual Machine Wizard



Name the Virtual Machine

What name would you like to use for this virtual machine?

Virtual machine name:

Location:

The default location can be changed at Edit > Preferences.

Cambiamos el nombre de la VM y la localización.

New Virtual Machine Wizard



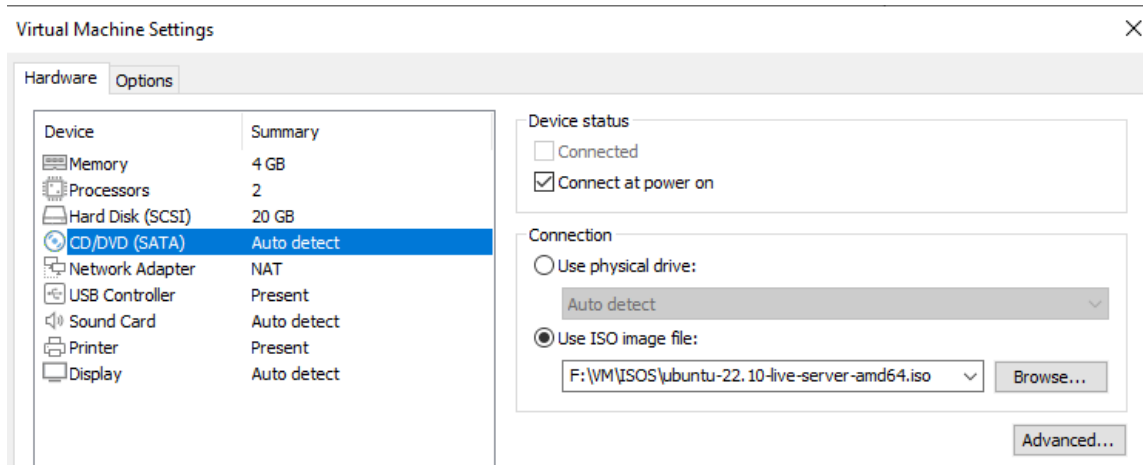
Ready to Create Virtual Machine

Click Finish to create the virtual machine. Then you can install Ubuntu 64-bit.

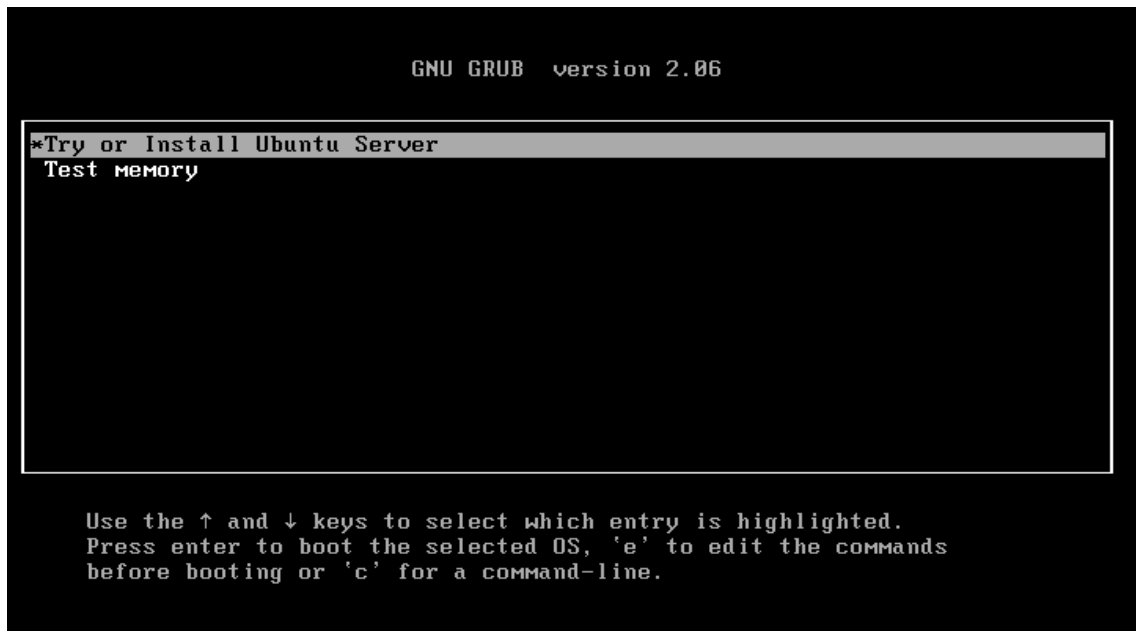
The virtual machine will be created with the following settings:

Name:	Ubuntu 64-bit AndreiAM
Location:	F:\VM\UbuntuServer
Version:	Workstation 16.2.x
Operating System:	Ubuntu 64-bit
Hard Disk:	20 GB
Memory:	4096 MB
Network Adapter:	NAT
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Printer, Sound...

Nos dará un resumen con todas las configuraciones que hayamos elegido, y le daremos a finalizar



Desde la configuración de la VM añadiremos la iso , ya que le dimos a instalar el SO mas tarde.



Al iniciar la maquina le daremos a install Ubuntu server

```
Willkommen! Bienvenue! Welcome! Добро пожаловать! Welkom! [ Help ]
Use UP, DOWN and ENTER keys to select your language.

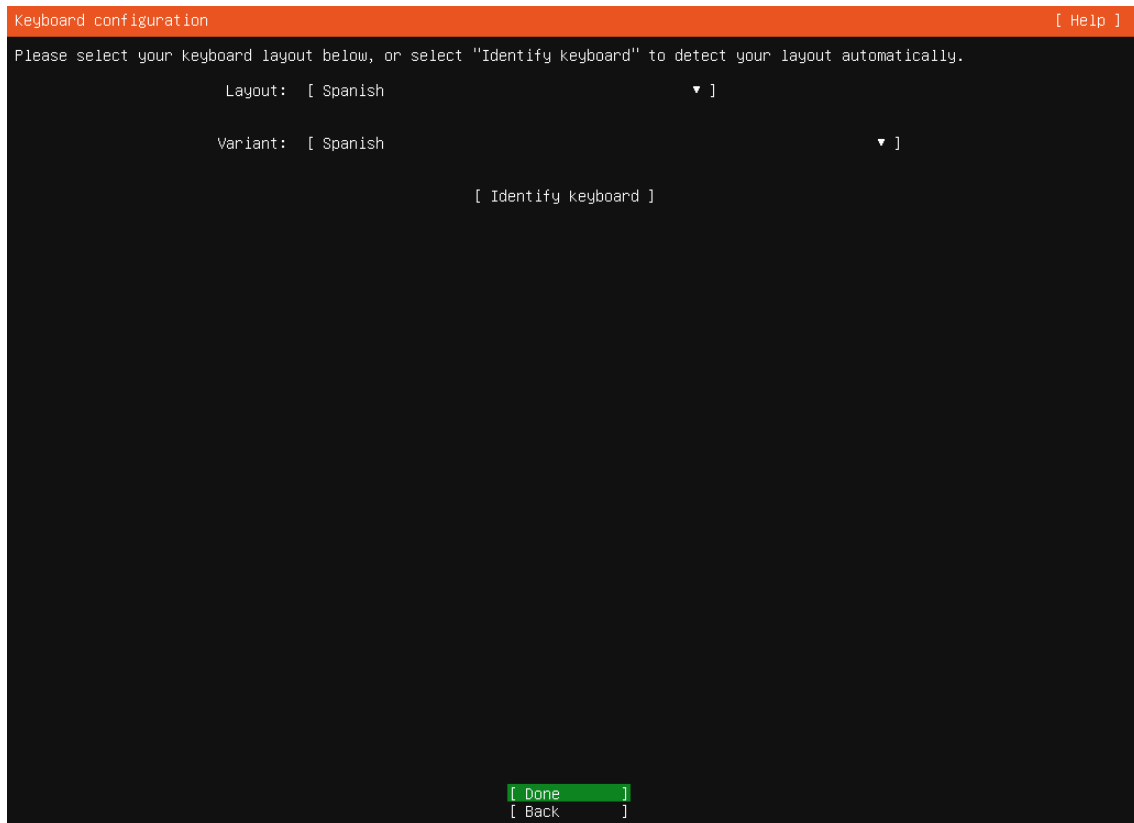
[ Asturianu ]
[ Bahasa Indonesia ]
[ Català ]
[ Deutsch ]
[ English ]
[ English (UK) ]
[ Español ]
[ Français ]
[ Galego ]
[ Hrvatski ]
[ Latviski ]
[ Lietuviškai ]
[ Magyar ]
[ Nederlands ]
[ Norsk bokmål ]
[ Polski ]
[ Português ]
[ Suomi ]
[ Svenska ]
[ Čeština ]
[ Ελληνικά ]
[ Беларуская ]
[ Русский ]
[ Српски ]
[ Українська ]
```

Elegiremos el idioma deseado, en este caso Español.

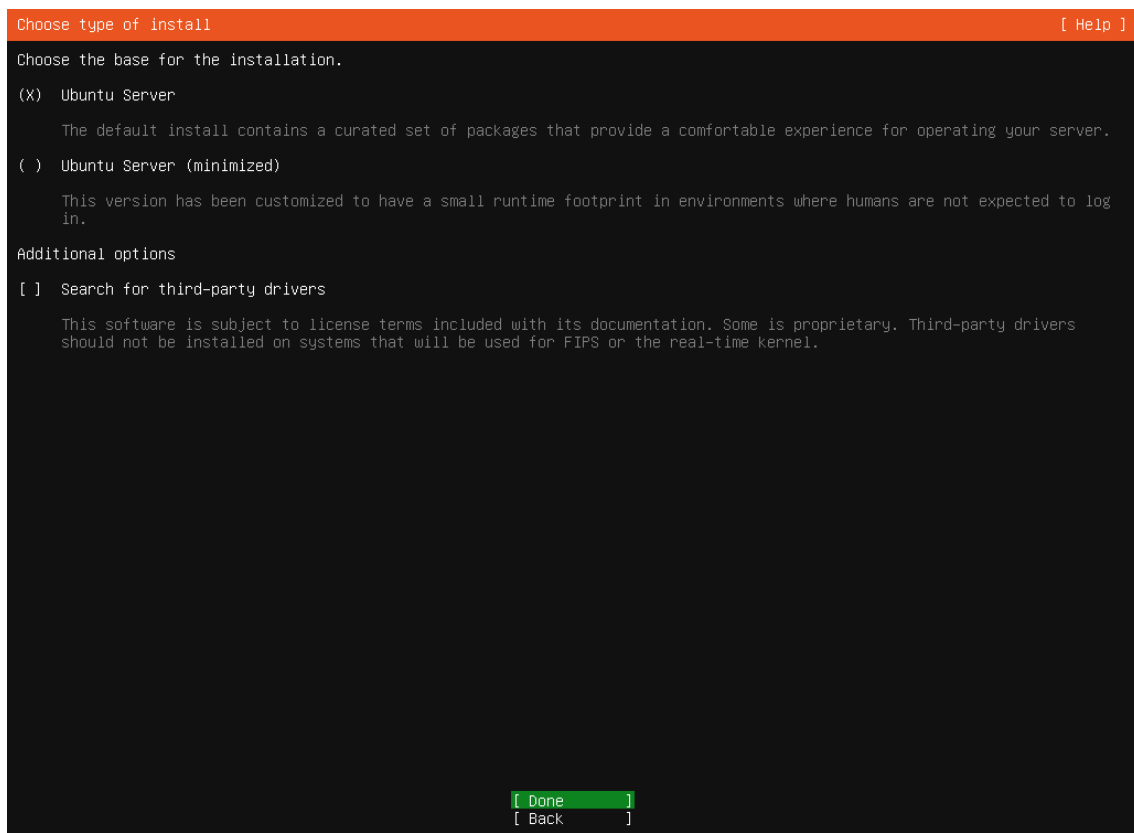
```
Actualización del instalador disponible [ Help ]
Version 22.12.1 of the installer is now available (22.10.1 is currently running).
You can read the release notes for each version at:
https://github.com/canonical/subiquity/releases
If you choose to update, the update will be downloaded and the installation will continue from here.

[ Actualizar al instalador nuevo ]
[ Continuar sin actualizar ]
[ Atrás ]
```

Le daremos a actualizar el instalador nuevo.



Elegiremos el idioma del teclado.



Le daremos a Ubuntu Server y le daremos a ok.

Network connections [Help]

Configure at least one interface this server can use to talk to other machines, and which preferably provides sufficient access for updates.

NAME	TYPE	NOTES
[ens33	eth	- ▶]
DHCPv4 192.168.66.137/24		
00:0c:29:23:ce:93 / Intel Corporation / 82545EM Gigabit Ethernet Controller (Copper) (PRO/1000 MT Single Port Adapter)		

[Create bond ▶]

[Done]
[Back]

Aquí nos pedirá configurar la red, como usamos NAT le damos a done.

Configure proxy [Help]

If this system requires a proxy to connect to the internet, enter its details here.

Proxy address:

If you need to use a HTTP proxy to access the outside world, enter the proxy information here. Otherwise, leave this blank.

The proxy information should be given in the standard form of "http://[[user][:pass]@]host[:port]/".

[Done]
[Back]

Nos pedirá un proxy, lo dejaremos vacio y le damos a done.

Configure Ubuntu archive mirror [Help]

If you use an alternative mirror for Ubuntu, enter its details here.

Mirror address:

You may provide an archive mirror that will be used instead of the default.

[Done]
[Back]

Lo dejaremos como esta y le daremos a siguiente

Guided storage configuration [Help]

Configure a guided storage layout, or create a custom one:

(X) Use an entire disk

 [/dev/sda local disk 20.000G ▼]

 [X] Set up this disk as an LVM group

 [] Encrypt the LVM group with LUKS

 Passphrase:

 Confirm passphrase:

() Custom storage layout

[Done]
[Back]

Lo dejaremos como esta, y le daremos a done.


```
Storage configuration [ Help ]

FILE SYSTEM SUMMARY

  MOUNT POINT    SIZE    TYPE    DEVICE TYPE
[ /              10.000G new ext4 new LVM logical volume ▶ ]
[ /boot         1.771G new ext4 new partition of local disk ▶ ]

AVAILABLE DEVICES

  DEVICE              TYPE              SIZE
[ ubuntu-vg (new)     LVM volume group  18.222G ▶ ]
  free space              8.222G ▶ ]

[ Create software RAID (md) ▶ ]
[ Create volume group (LVM) ▶ ]

USED DEVICES

  DEVICE              TYPE              SIZE
[ ubuntu-vg (new)     LVM volume group  18.222G ▶ ]
  ubuntu-lv    new, to be formatted as ext4, mounted at /  10.000G ▶ ]

[ /dev/sda              local disk              20.000G ▶ ]
  partition 1 new, BIOS grub spacer              1.000M ▶ ]
  partition 2 new, to be formatted as ext4, mounted at /boot  1.771G ▶ ]
  partition 3 new, PV of LVM volume group ubuntu-vg  18.225G ▶ ]

[ Done ]
[ Reset ]
[ Back ]
```

Le daremos a siguiente.

```
Confirm destructive action

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 ]
[ Continue ]
```

Nos saldrá un mensaje diciendo que se borrará la información de los discos, le daremos a siguiente.

Profile setup [Help]

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

Your name:

Your server's name:
The name it uses when it talks to other computers.

Pick a username:

Choose a password:

Confirm your password:

[Done]

Rellenaremos los campos y le daremos a done. (Password 1)

SSH Setup [Help]

You can choose to install the OpenSSH server package to enable secure remote access to your server.

☒ Install OpenSSH server

Import SSH identity:
You can import your SSH keys from GitHub or Launchpad.

Import Username:

☒ Allow password authentication over SSH

[Done]
[Back]

Marcamos la opción de instalar OpenSSH y le daremos a ok.

```
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          canonical✓      Kubernetes for workstations and appliances
[ ] nextcloud         nextcloud✓     Nextcloud Server - A safe home for all your data
[ ] wekan             xet7          The open-source kanban
[ ] kata-containers  katacontainers✓ Build lightweight VMs that seamlessly plug into the containers ecosystem
[ ] docker           canonical✓     Docker container runtime
[ ] canonical-livpatch canonical✓     Canonical Livepatch Client
[ ] rocketchat-server rocketchat✓    Rocket.Chat server
[ ] mosquitto        mosquitto✓    Eclipse Mosquitto MQTT broker
[ ] etcd             canonical✓    Resilient key-value store by CoreOS
[ ] powershell      microsoft-powershell✓ PowerShell for every system!
[ ] stress-ng        cking-kernel-tools tool to load and stress a computer
[ ] sabnzbd          safihre       SABnzbd
[ ] wormhole         snapcrafters  get things from one computer to another, safely
[ ] aws-cli          aws✓          Universal Command Line Interface for Amazon Web Services
[ ] google-cloud-sdk google-cloud-sdk✓ Google Cloud SDK
[ ] scli             softlayer     Python based SoftLayer API Tool.
[ ] doctl            digitalocean✓ The official DigitalOcean command line interface
[ ] conjure-up       canonical✓    Package runtime for conjure-up spells
[ ] postgresql10     cmd✓         PostgreSQL is a powerful, open source object-relational database system.
[ ] heroku           heroku✓       CLI client for Heroku
[ ] keepalived       keepalived-project✓ High availability VRRP/BFD and load-balancing for Linux
[ ] prometheus       canonical✓    The Prometheus monitoring system and time series database
[ ] juju             canonical✓    Juju - a model-driven operator lifecycle manager for K8s and machines

[ Done ]
[ Back ]
```

Aquí no marcaremos nada, y le daremos a done.

```
Install complete! [ Help ]

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/tmp3hoe0ezf/mount
executing curtin install curthooks step
  curtin command install
    configuring installed system
    running 'mount --bind /cdrom /target/cdrom'
    running 'curtin in-target -- setupcon --save-only'
    curtin command in-target
    running 'curtin curthooks'
    curtin command curthooks
      configuring apt configuring apt
      installing missing packages
      configuring iscsi service
      configuring raid (mdadm) service
      installing kernel
      setting up swap
      apply networking config
      writing etc/fstab
      configuring multipath
      updating packages on target system
      configuring pollinate user-agent on target
      updating initramfs configuration
      configuring target system bootloader
      installing grub to target devices
final system configuration
  configuring cloud-init
  calculating extra packages to install
  installing openssh-server
  curtin command system-install
  downloading and installing security updates
  curtin command in-target
  restoring apt configuration
  curtin command in-target
subiquity/Late/run

[ View full log ]
[ Reboot Now ]
```

Esperamos a que termine de instalar y le daremos a reiniciar ahora.

```
andreiam@andreiamserver:~$ [ 42.702704] cloud-init[1515]: es_ES.UTF-8... done
[ 42.704148] cloud-init[1515]: Generation complete.
[ 43.402668] cloud-init[1664]: Cloud-init v. 22.3.4-0ubuntu1 running 'modules:final' at Mon, 30 Jan 2023 15:39:48 +0000. Up 43.35 seconds.
ci-info: no authorized SSH keys fingerprints found for user andreiam.
<14>Jan 30 15:39:48 cloud-init: #####
<14>Jan 30 15:39:48 cloud-init: -----BEGIN SSH HOST KEY FINGERPRINTS-----
<14>Jan 30 15:39:48 cloud-init: 1024 SHA256:mqs2QBjK6Krz9c6Z0rPr0EEuXueyv630yYV1i6zBvg root@andreiamserver (DSA)
<14>Jan 30 15:39:48 cloud-init: 256 SHA256:rF6GmtVwAz62v0ATP9hHpR6NX1CyAgPEpP/VfddQaI root@andreiamserver (ECDSA)
<14>Jan 30 15:39:48 cloud-init: 256 SHA256:J4o0ptL6jsPypNMm2jBJ3iUqGp0Ie3Mc1C8CYiC0Zf8 root@andreiamserver (ED25519)
<14>Jan 30 15:39:48 cloud-init: 3072 SHA256:9518cazm0KHf0VHVyScapD0fe4IBo65+250sP5S0f2Y root@andreiamserver (RSA)
<14>Jan 30 15:39:48 cloud-init: -----END SSH HOST KEY FINGERPRINTS-----
<14>Jan 30 15:39:48 cloud-init: #####
-----BEGIN SSH HOST KEY KEYS-----
ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBBCGHu3n0BzA17tU0XwyUv/y5Z9JvtUbWlQnd/ucF/DNSxcqLV70ZCnB3J6HUSH/gScvN47RZBDyt0NAPdVU0uyQ= root@andreiamserver
ssh-ed25519 AAAAC3NzaC1l2DI1NTE5AAAAIAQNL8DZ6XLOTWXdGYx92WjnoZe8oC0Kg7BhNiea9nEk root@andreiamserver
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQGCWxW1ddGynaUE6N4vua2B2A01E/2Txe3FaG/Jg50/I0df43ZiG3s/QuIgbmaXSvTu/KLtvhJ37hx2QrdWDH0juz1kkZUCVpLEPMtjJcZ4sT3P3ofv2CEg5PqxoA65NL4zxX+xQy59M4Evs0hz+DS3BBXnpuNPSjBTtW+a1qS11HcdbrMTmw01+ny1Ai2YvMTBSeqH2cf0G9n4aizGxbpsjUJ8CmAGqABxjEiITYG/auN6QX/vKw6QnDh+GC0u0fRoRbW3zI2cuEPaxGhENrcvXB0UX2k0Eofy2LV8uQB8INLmL/t4cMw61tzS0zS3pKAFZUsa9WVPkvSx20y8SwTpM3a85e68dq2yQHxbNpE+J5t7D1vvRrnyIZrWif5m9CVlgQJ0t/502nSa7EVmKbQs2LWi/UZ810zi2wowy28e96jp3uxW+cVylpgMjfrfWMMJh1i7PomhpcG1DSTGqAvMuYb1BsRhhwLeKqVj3RYvzcXSyYyh4IamwcpT8KDCFeM= root@andreiamserver
-----END SSH HOST KEY KEYS-----
[ 43.573222] cloud-init[1664]: Cloud-init v. 22.3.4-0ubuntu1 finished at Mon, 30 Jan 2023 15:39:48 +0000. DataSource DataSourceNone. Up 43.56 seconds
[ 43.575281] cloud-init[1664]: 2023-01-30 15:39:48,358 - cc_final_message.py[WARNING]: Used fallback datasource
andreiam@andreiamserver:~$
```

Nos pedirá el usuario y la contraseña que hemos configurado anteriormente, la pondremos y nos iniciará.