



Name

Memory usage

▼ QEMU/KVM

 LNA-debian
Shutoff SNs-ubuntu
Shutoff Windows 11
Shutoff

Create a new virtual machine
Step 2 of 5

Choose ISO or CDROM install media:

/virt/images/debian-12.9.0-amd64-netinst.iso

Choose the operating system you are installing:

Automatically detect from the installation media / source

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Debian GNU/Linux installer menu (BIOS mode)

Graphical install

Install

Advanced options



Accessible dark contrast installer menu



Help

Install with speech synthesis

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Configure the network

Please enter the hostname for this system.

The hostname is a single word that identifies your system to the network. If you don't know what your hostname should be, consult your network administrator. If you are setting up your own home network, you can make something up here.

Hostname:

debian-test

Screenshot

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Set up users and passwords

You need to set a password for 'root', the system administrative account. A malicious or unqualified user with root access can have disastrous results, so you should take care to choose a root password that is not easy to guess. It should not be a word found in dictionaries, or a word that could be easily associated with you.

A good password will contain a mixture of letters, numbers and punctuation and should be changed at regular intervals.

The root user should not have an empty password. If you leave this empty, the root account will be disabled and the system's initial user account will be given the power to become root using the "sudo" command.

Note that you will not be able to see the password as you type it.

Root password:

 X

Show Password in Clear

Please enter the same root password again to verify that you have typed it correctly.

Re-enter password to verify:

Show Password in Clear

Screenshot

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Set up users and passwords

A user account will be created for you to use instead of the root account for non-administrative activities.

Please enter the real name of this user. This information will be used for instance as default origin for emails sent by this user as well as any program which displays or uses the user's real name. Your full name is a reasonable choice.

Full name for the new user:

Alonso Herreros Copete

Screenshot

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Partition disks

The installer can guide you through partitioning a disk (using different standard schemes) or, if you prefer, you can do it manually. With guided partitioning you will still have a chance later to review and customise the results.

If you choose guided partitioning for an entire disk, you will next be asked which disk should be used.

Partitioning method:

Guided - use entire disk

Guided - use entire disk and set up LVM

Guided - use entire disk and set up encrypted LVM

Manual

Screenshot

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Partition disks

This is an overview of your currently configured partitions and mount points. Select a partition to modify its settings (file system, mount point, etc.), a free space to create partitions, or a device to initialize its partition table.

Guided partitioning

Configure software RAID

Configure the Logical Volume Manager

Configure encrypted volumes

Configure iSCSI volumes

▽ **Virtual disk 1 (vda) - 10.7 GB Virtio Block Device**

>	#1	primary	9.7 GB	f	ext4	/
>	#5	logical	1.0 GB	f	swap	swap

Undo changes to partitions

Finish partitioning and write changes to disk

Screenshot

Help

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Install the base system

Installing the base system

Unpacking libgnutls30:amd64...

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Configure the package manager

Please select a Debian archive mirror. You should use a mirror in your country or region if you do not know which mirror has the best Internet connection to you.

Usually, deb.debian.org is a good choice.

Debian archive mirror:

deb.debian.org

ftp.es.debian.org

ulises.hostalia.com

softlibre.unizar.es

debian.redparra.com

debian.grn.cat

ftp.udc.es

ftp.cica.es

debian.redimadrid.es

debian.uvigo.es

repo.ifca.es

mirror.raiolanetworks.com

debian-archive.trafficmanager.net

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Software selection

At the moment, only the core of the system is installed. To tune the system to your needs, you can choose to install one or more of the following predefined collections of software.

Choose software to install:

Debian desktop environment

... GNOME

... Xfce

... GNOME Flashback

... KDE Plasma

... Cinnamon

... MATE

... LXDE

... LXQt

web server

SSH server

standard system utilities

Screenshot

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Install the GRUB boot loader

It seems that this new installation is the only operating system on this computer. If so, it should be safe to install the GRUB boot loader to your primary drive (UEFI partition/boot record).

Warning: If your computer has another operating system that the installer failed to detect, this will make that operating system temporarily unbootable, though GRUB can be manually configured later to boot it.

Install the GRUB boot loader to your primary drive?

- No
 Yes

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Finish the installation

Finishing the installation

Installing *qemu-guest-agent (amd64)*

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Finish the installation



Installation complete

Installation is complete, so it is time to boot into your new system. Make sure to remove the installation media, so that you boot into the new system rather than restarting the installation.

Please choose <Continue> to reboot.

[Screenshot](#)

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Debian GNU/Linux 12 debian-test tty1

Hint: Num Lock on

debian-test login: _

```
Debian GNU/Linux 12 debian-test tty1
Hint: Num Lock on
debian-test login: alonso
Password:
Linux debian-test 6.1.0-31-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.1.128-1 (2025-02-07) x86_64
The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
alonso@debian-test:~$ ls -la --color=auto
total 20
drwx----- 2 alonso alonso 4096 Feb 11 12:11 .
drwxr-xr-x 3 root   root   4096 Feb 11 12:11 ..
-rw-r--r-- 1 alonso alonso  220 Feb 11 12:11 .bash_logout
-rw-r--r-- 1 alonso alonso 3526 Feb 11 12:11 .bashrc
-rw-r--r-- 1 alonso alonso  807 Feb 11 12:11 .profile
alonso@debian-test:~$ _
```

```
guestfsd/stable 1:1.48.6-2 amd64
  Daemon to access to guest virtual machine through virtio serial

librte-crypto-virtio23/stable,stable-security 22.11.7-1~deb12u1 amd64
  Data Plane Development Kit (librte-crypto-virtio runtime library)

librte-net-virtio23/stable,stable-security 22.11.7-1~deb12u1 amd64
  Data Plane Development Kit (librte-net-virtio runtime library)

librust-tokio-vsock-dev/stable 0.3.1-2+b1 amd64
  Asynchronous Virtio socket support for Rust - Rust source code

librust-vsock-dev/stable 0.2.4-3 amd64
  Virtio socket support for Rust - Rust source code

libvirglrenderer-dev/stable 0.10.4-1 amd64
  virtual GPU for KVM virtualization - headers

libvirglrenderer1/stable 0.10.4-1 amd64
  virtual GPU for KVM virtualization

qemu-guest-agent/stable,now 1:7.2+dfsg-7+deb12u12 amd64 [installed]
  Guest-side qemu-system agent

spice-webdavd/stable 3.0-8 amd64
  daemon to proxy WebDAV request to the Spice virtio channel

virt-v2v/stable 2.2.0-1 amd64
  virtual-to-virtual machine converter

root@debian-test:/home/alonso# apt install qemu-guest-agent spice-webdavd
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
qemu-guest-agent is already the newest version (1:7.2+dfsg-7+deb12u12).
The following additional packages will be installed:
  avahi-daemon libavahi-client3 libavahi-common-data libavahi-common3 libavahi-core7 libavahi-glib1 libavahi-gobject0
  libdaemon0 libnss-mdns
Suggested packages:
  avahi-autoipd avahi-autoipd | zeroconf
The following NEW packages will be installed:
  avahi-daemon libavahi-client3 libavahi-common-data libavahi-common3 libavahi-core7 libavahi-glib1 libavahi-gobject0
  libdaemon0 libnss-mdns spice-webdavd
0 upgraded, 10 newly installed, 0 to remove and 0 not upgraded.
Need to get 494 kB of archives.
After this operation, 1,928 kB of additional disk space will be used.
Do you want to continue? [Y/n] _
```