UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO

FACULTAD DE CIENCIAS

Practica 01

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ASIGNATURA

Administración de Sistemas Unix/Linux

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1. Desarrollo

Para empezar nos registramos en Broadcom una vez que se realizó todo este proceso, descargamos VMware workstation Pro para uso personal, nos descarga un ejecutable para Windows, realizamos la instalación habitual. Luego vamos al sitio oficial del Debian, en este navegamso hacia las imagenes de instalación, al final llegamos a este link:`https://cdimage.debian.org/debian-cd/current/amd64/iso-dvd/`. Una vez descargada la imagen realizamos la creación de la máquina virtual, dejamos el tamaño recomendado del disco:

Figura 1: Tipo de maquina

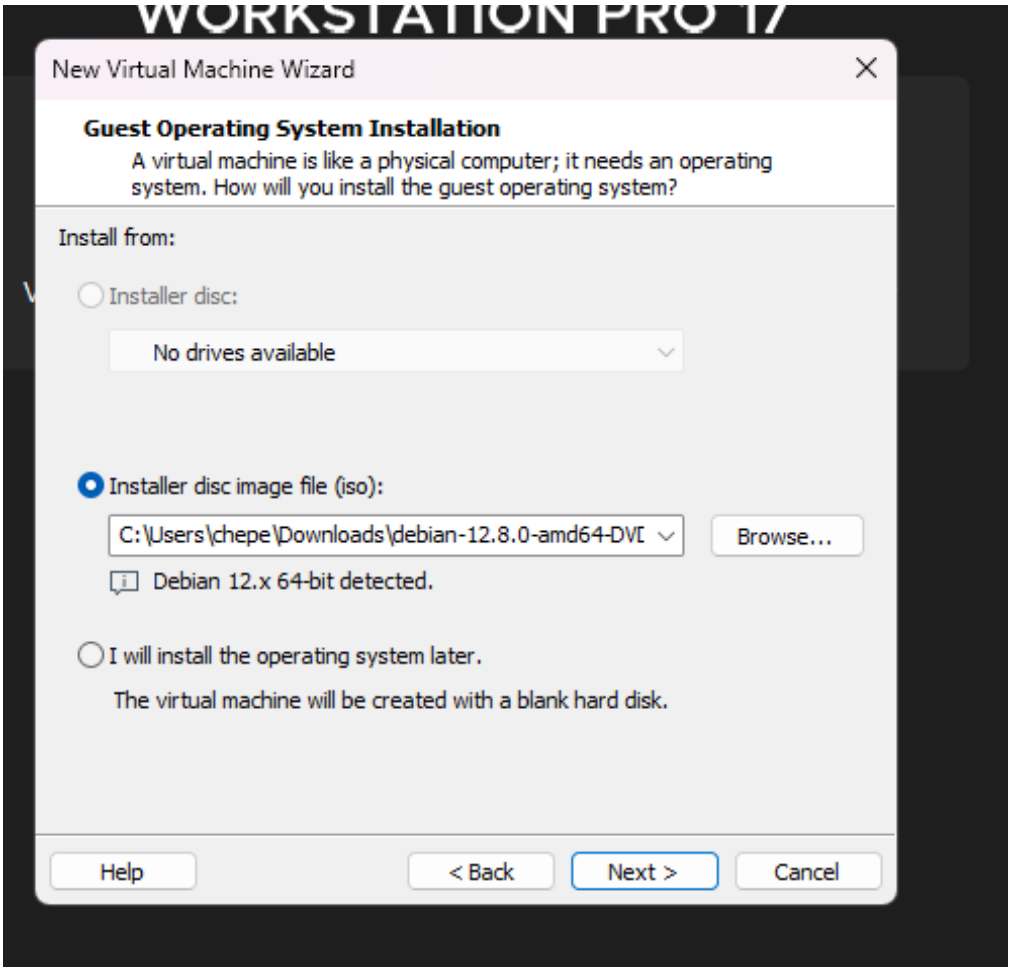
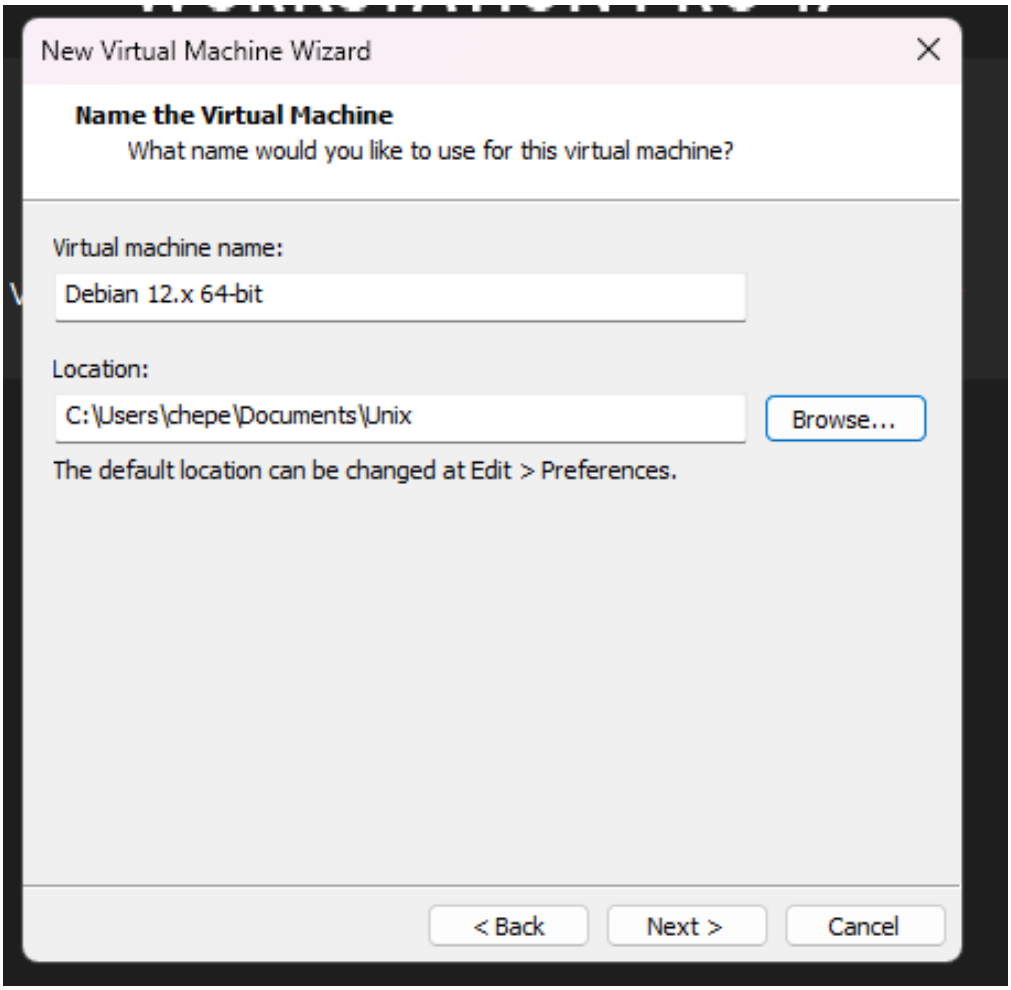
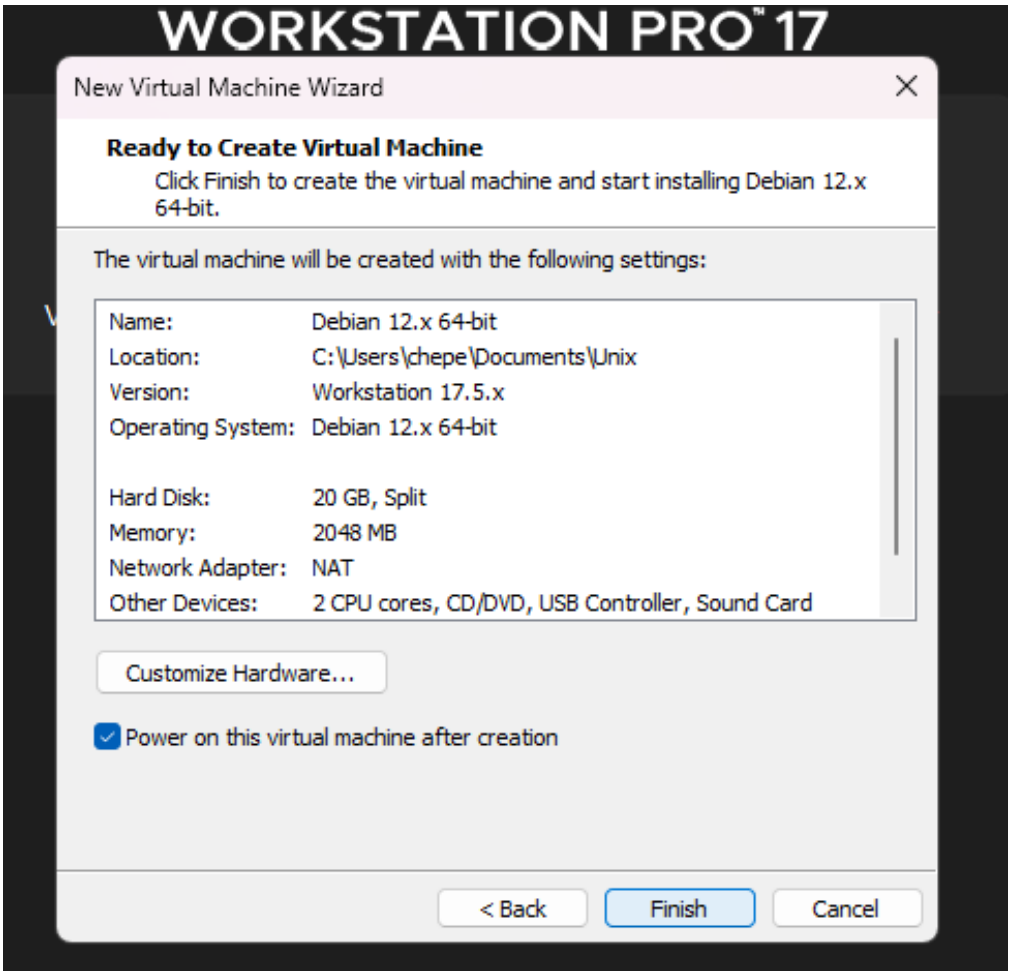
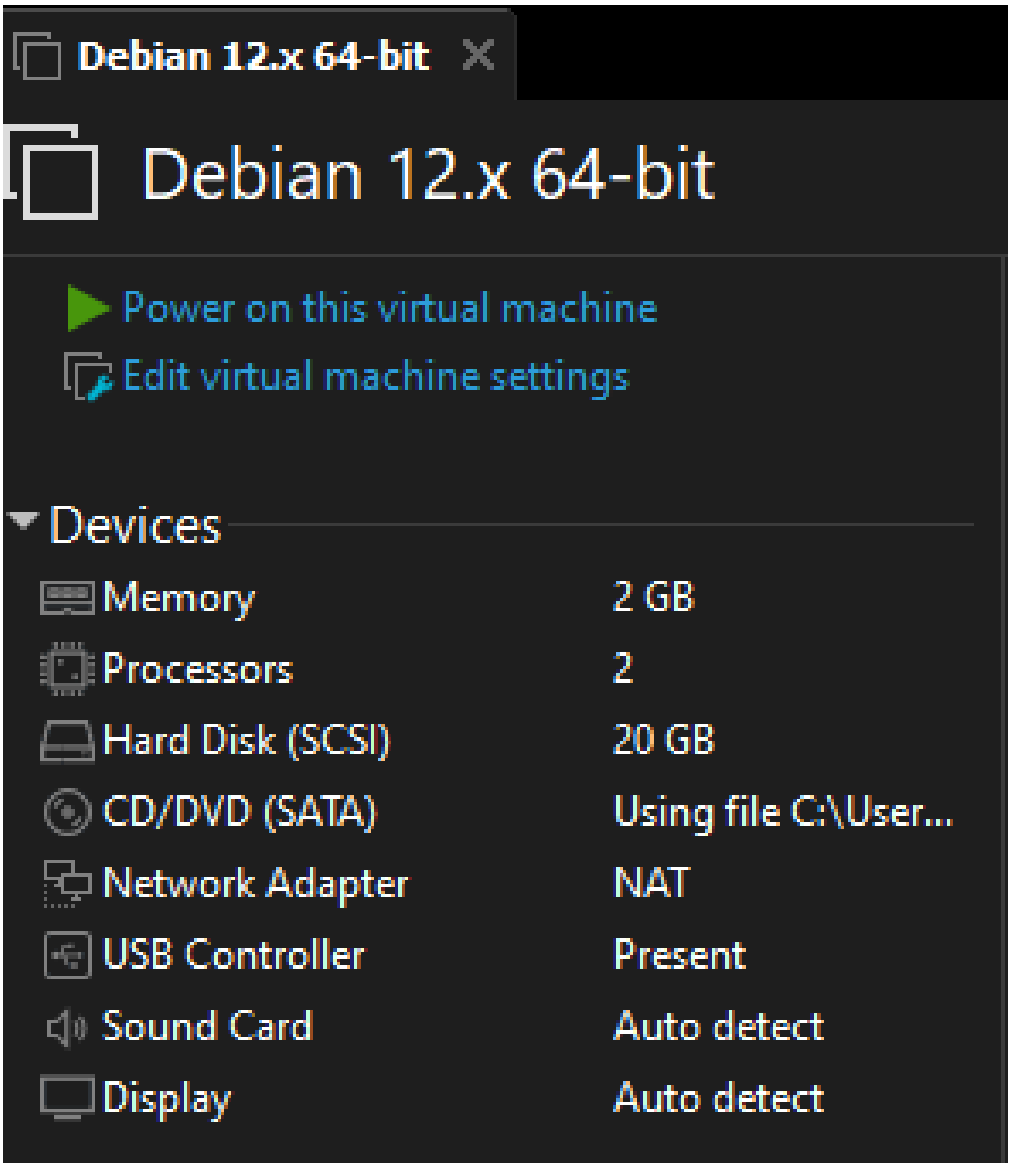


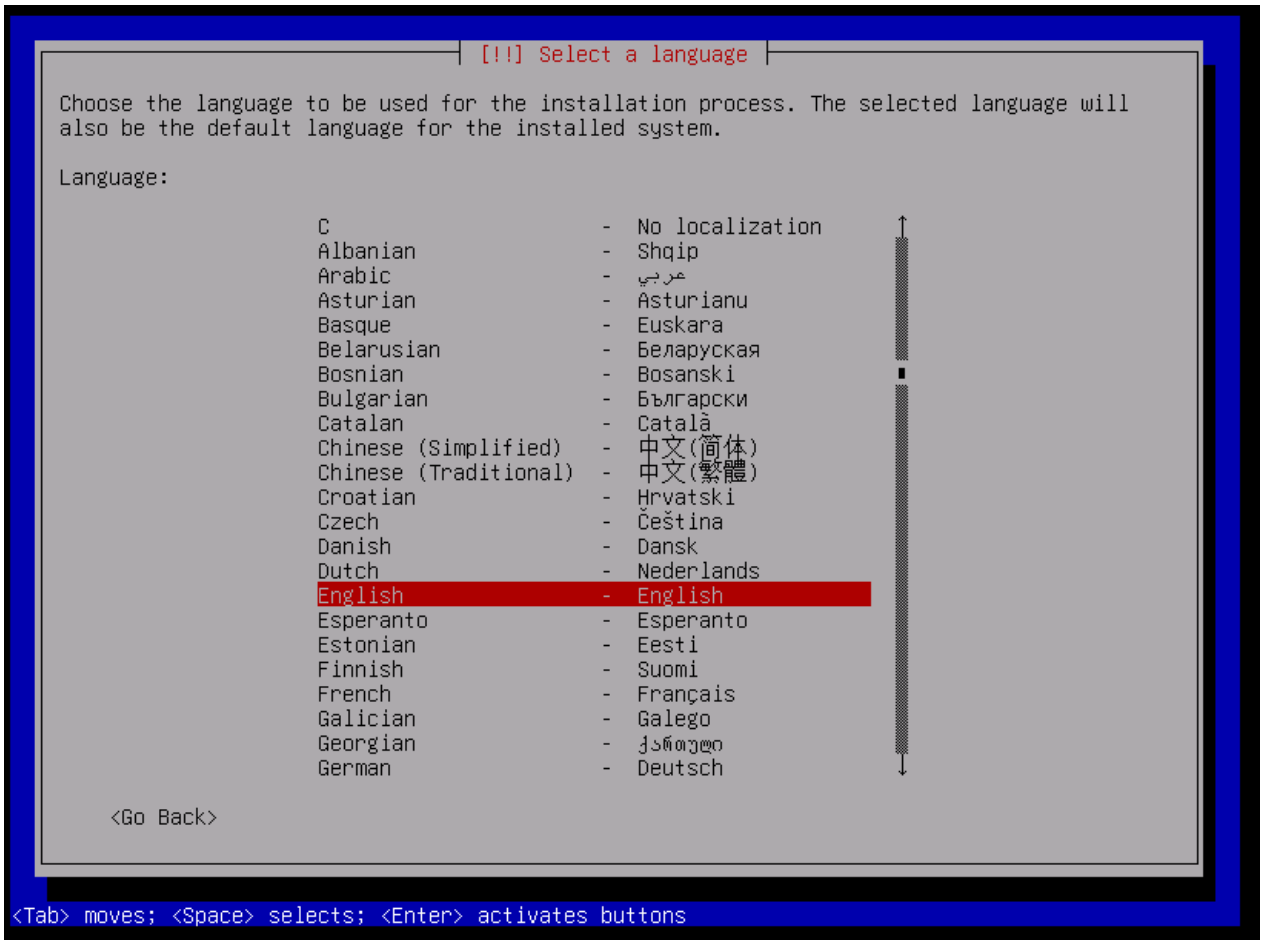
Figura 2: Imagen Iso

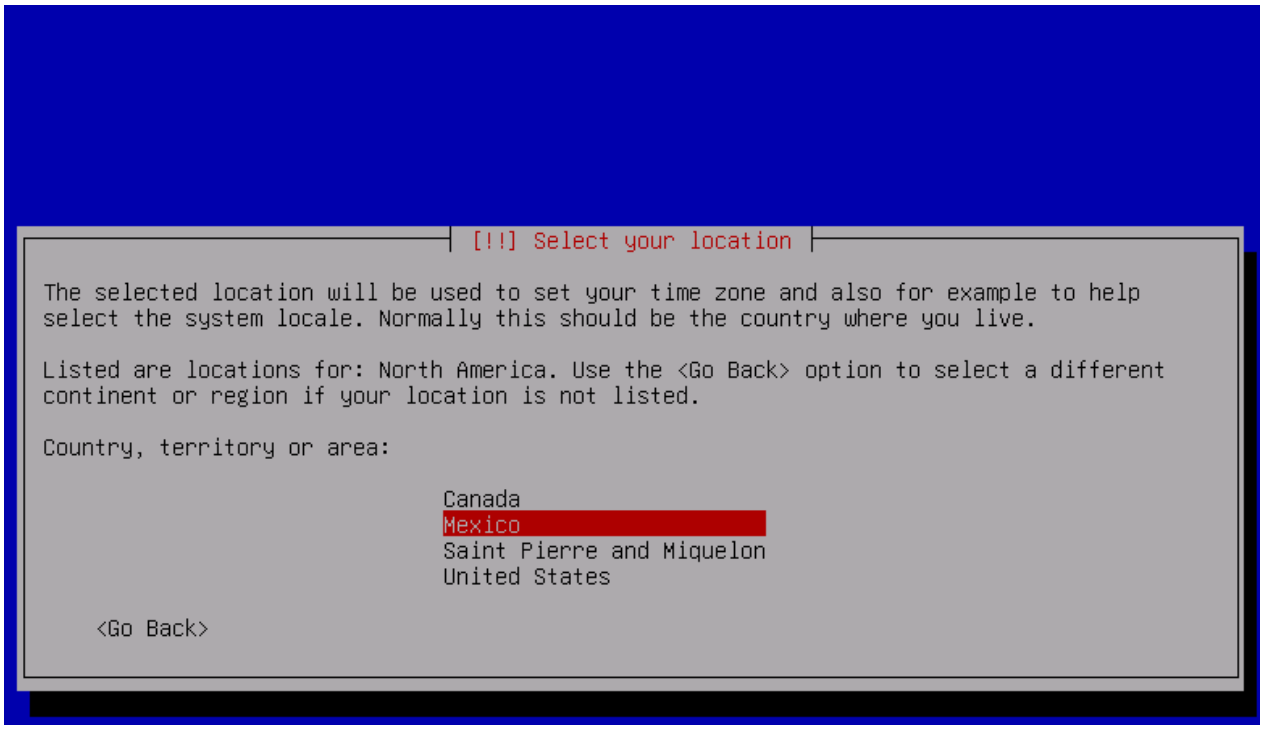

New Virtual Machine Wizard
Name the Virtual Machine
What name would you like to use for this virtual machine?
Virtual machine name:
Debian 12.x 64-bit
Location:
C:\Users\chepe\Documents\Unix
Browse...
The default location can be changed at Edit > Preferences.
< Back
Next >
Cancel

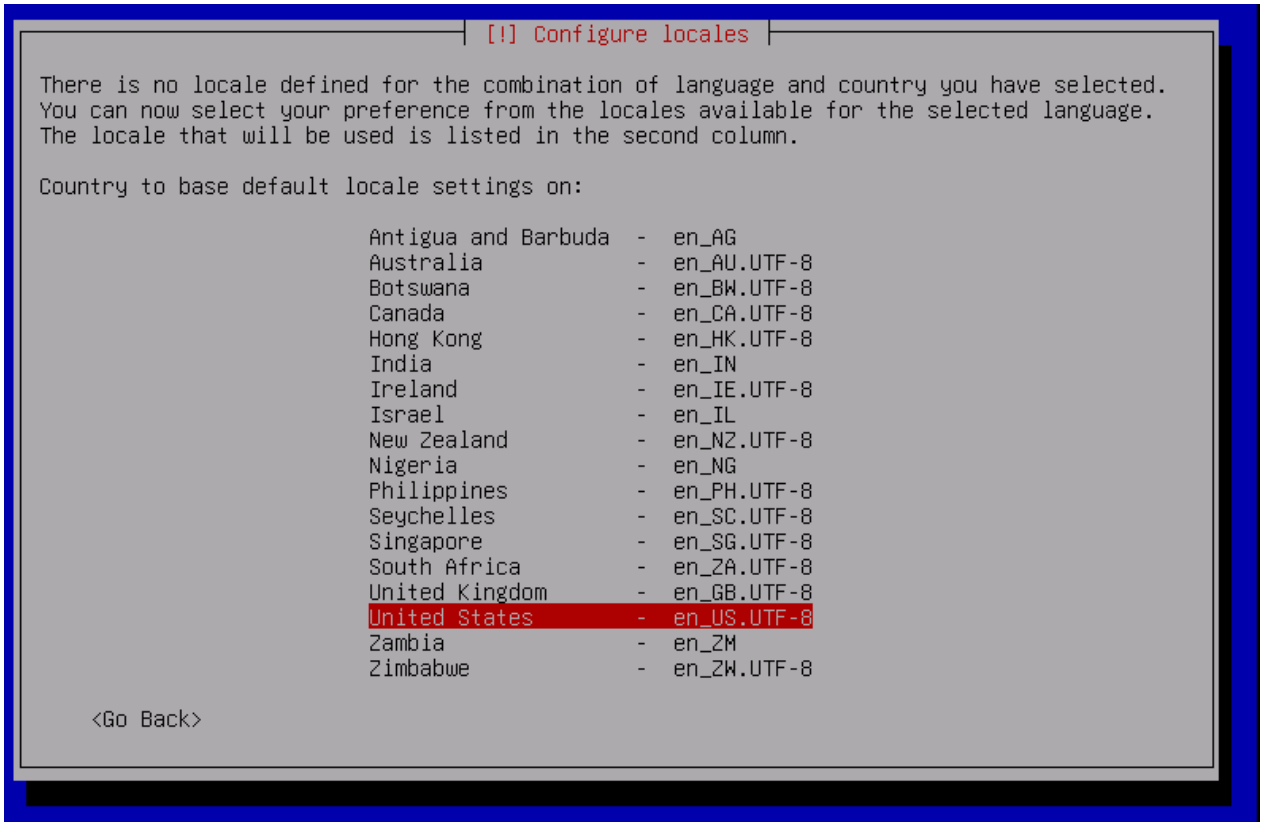

WORKSTATION PRO 17
New Virtual Machine Wizard
Ready to Create Virtual Machine
Click Finish to create the virtual machine and start installing Debian 12.x 64-bit.
The virtual machine will be created with the following settings:
Name: Debian 12.x 64-bit
Location: C:\Users\chepe\Documents\Unix
Version: Workstation 17.5.x
Operating System: Debian 12.x 64-bit
Hard Disk: 20 GB, Split
Memory: 2048 MB
Network Adapter: NAT
Other Devices: 2 CPU cores, CD/DVD, USB Controller, Sound Card
Customize Hardware...
Power on this virtual machine after creation
< Back
Finish
Cancel



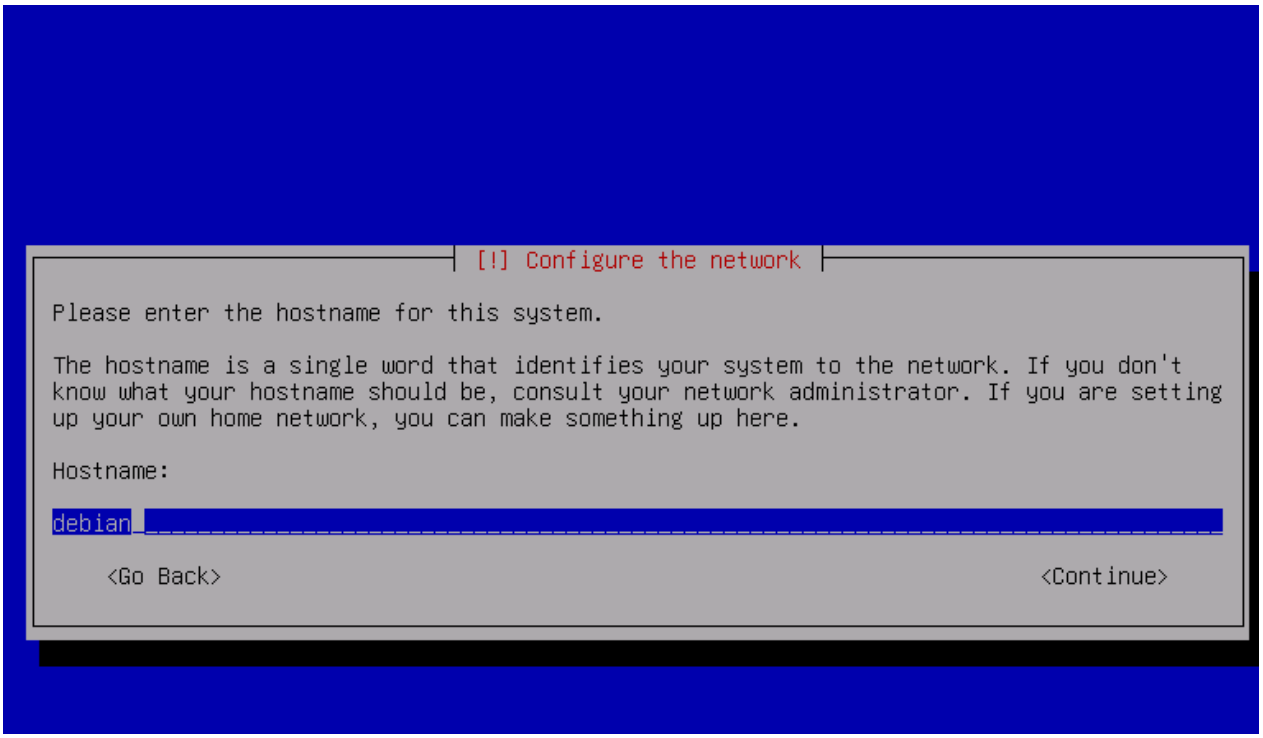
Encendemos la máquina y realizamos el proceso de instalación sin interfaz gráfica:

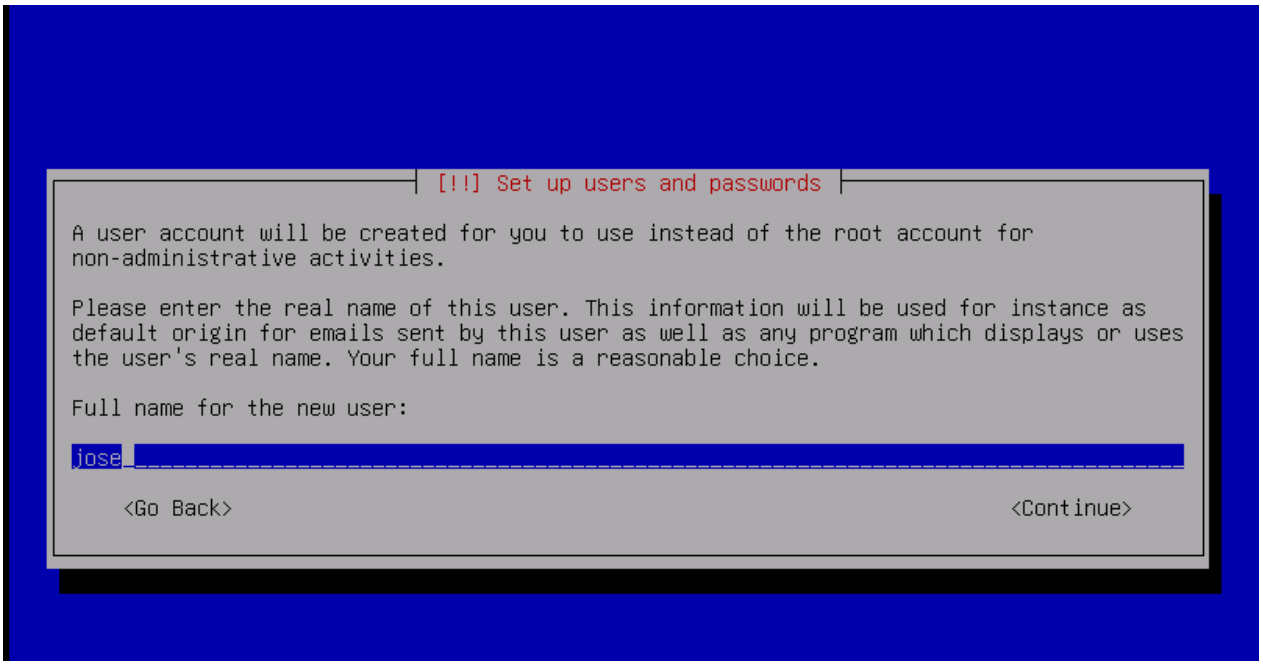

[!!] Select a language
Choose the language to be used for the installation process. The selected language will also be the default language for the installed system.
Language:
C - No localization
Albanian - Shqip
Arabic - عربي
Asturian - Asturianu
Basque - Euskara
Belarusian - Беларуская
Bosnian - Bosanski
Bulgarian - Български
Catalan - Català
Chinese (Simplified) - 中文(简体)
Chinese (Traditional) - 中文(繁體)
Croatian - Hrvatski
Czech - Čeština
Danish - Dansk
Dutch - Nederlands
English - English
Esperanto - Esperanto
Estonian - Eesti
Finnish - Suomi
French - Français
Galician - Galego
Georgian - ქართული
German - Deutsch
<Go Back>
<Tab> moves; <Space> selects; <Enter> activates buttons



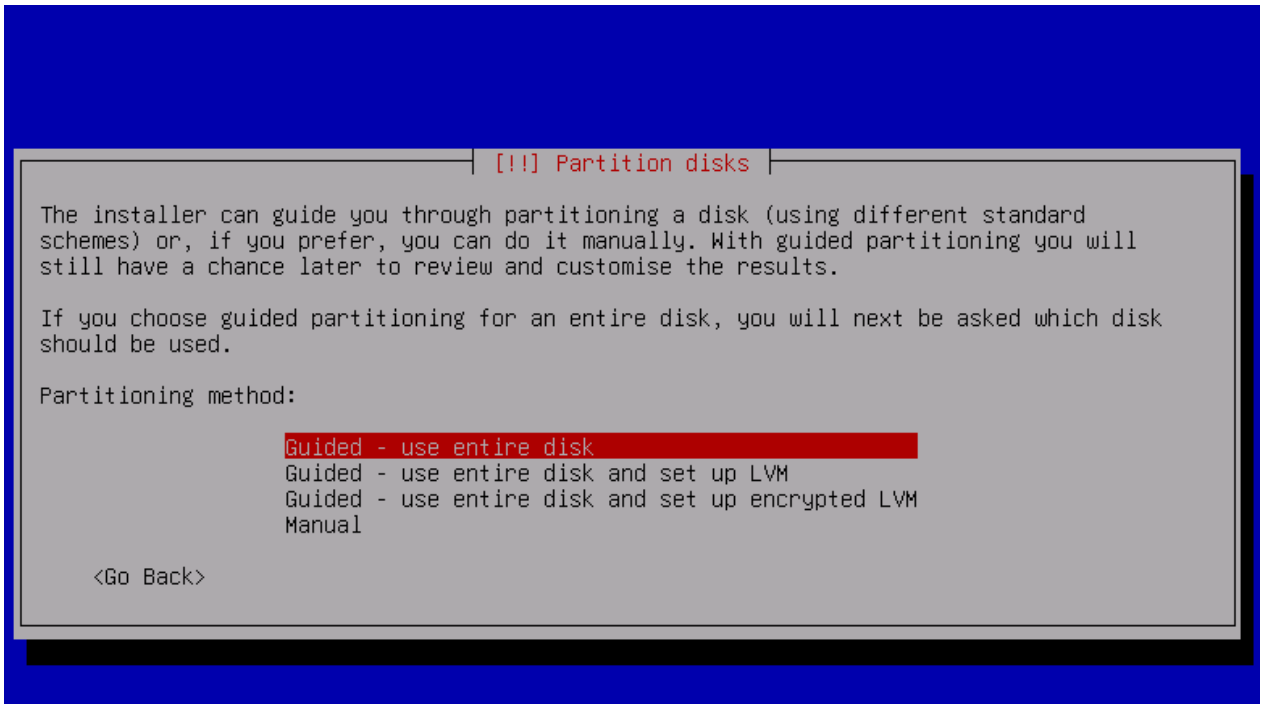


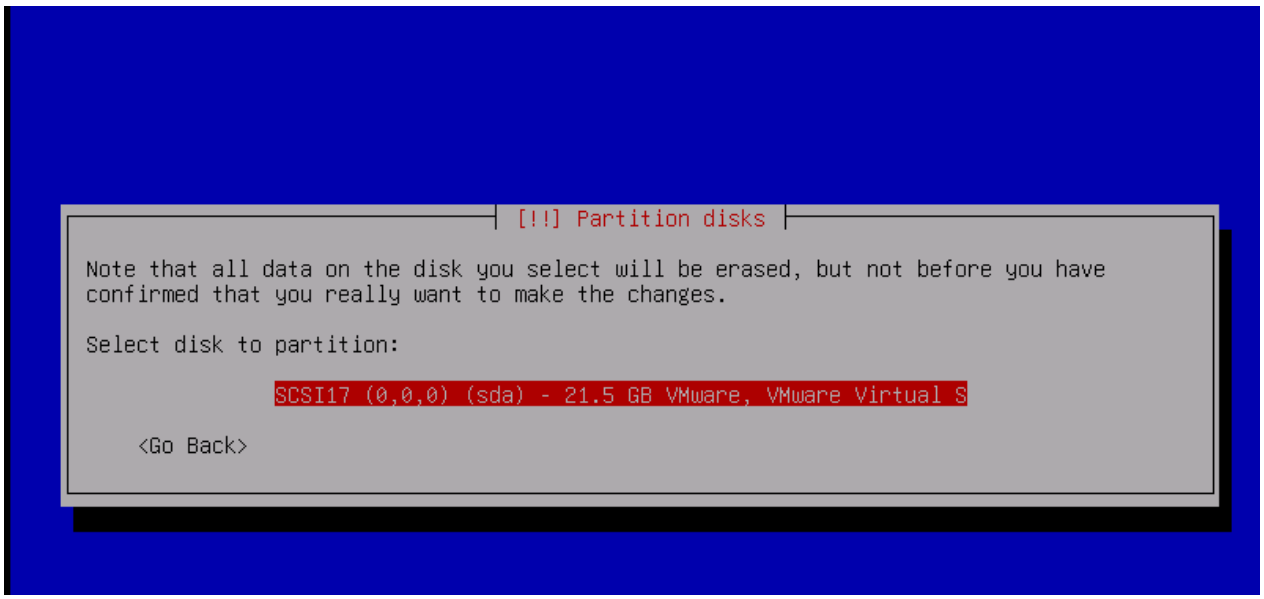
Definimos el hostname y para root y el usuario definimos la contraseña de acceso:



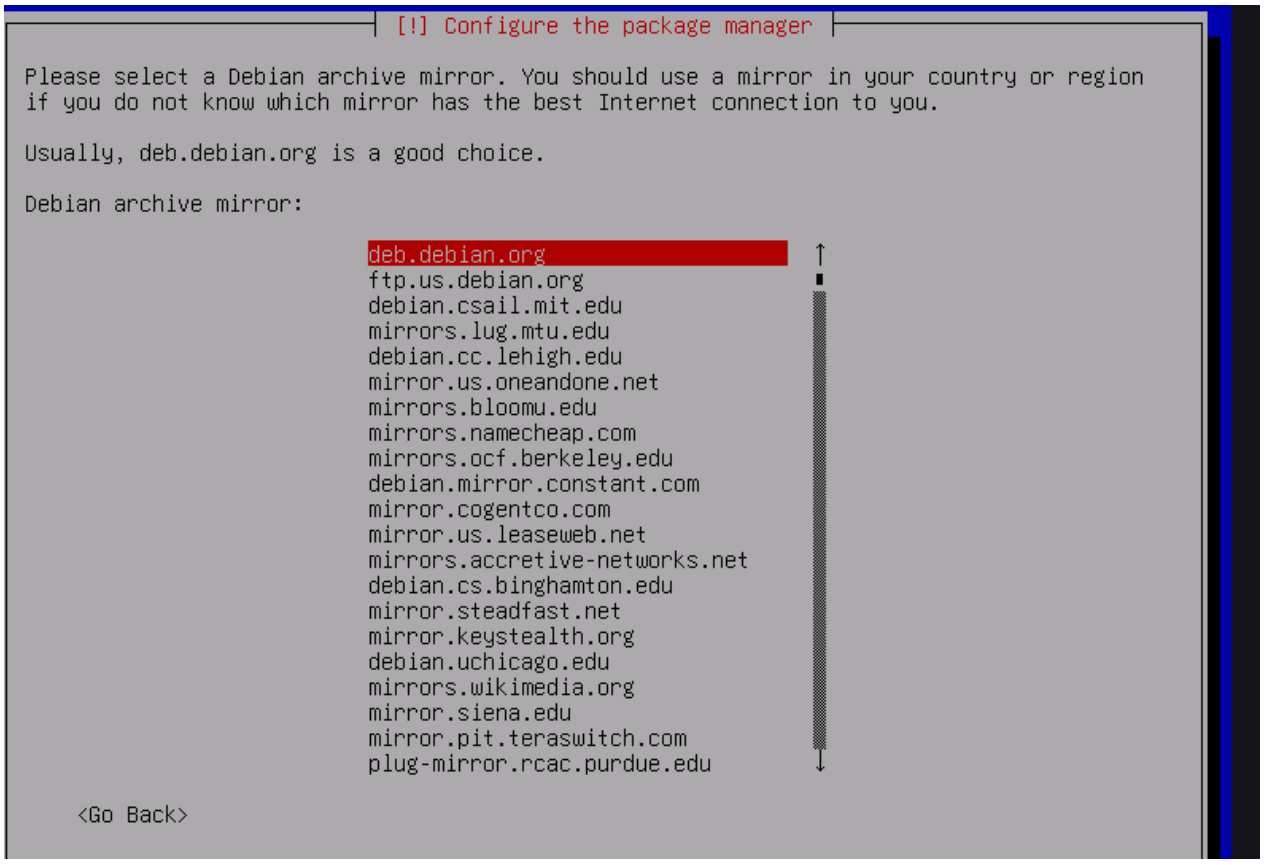


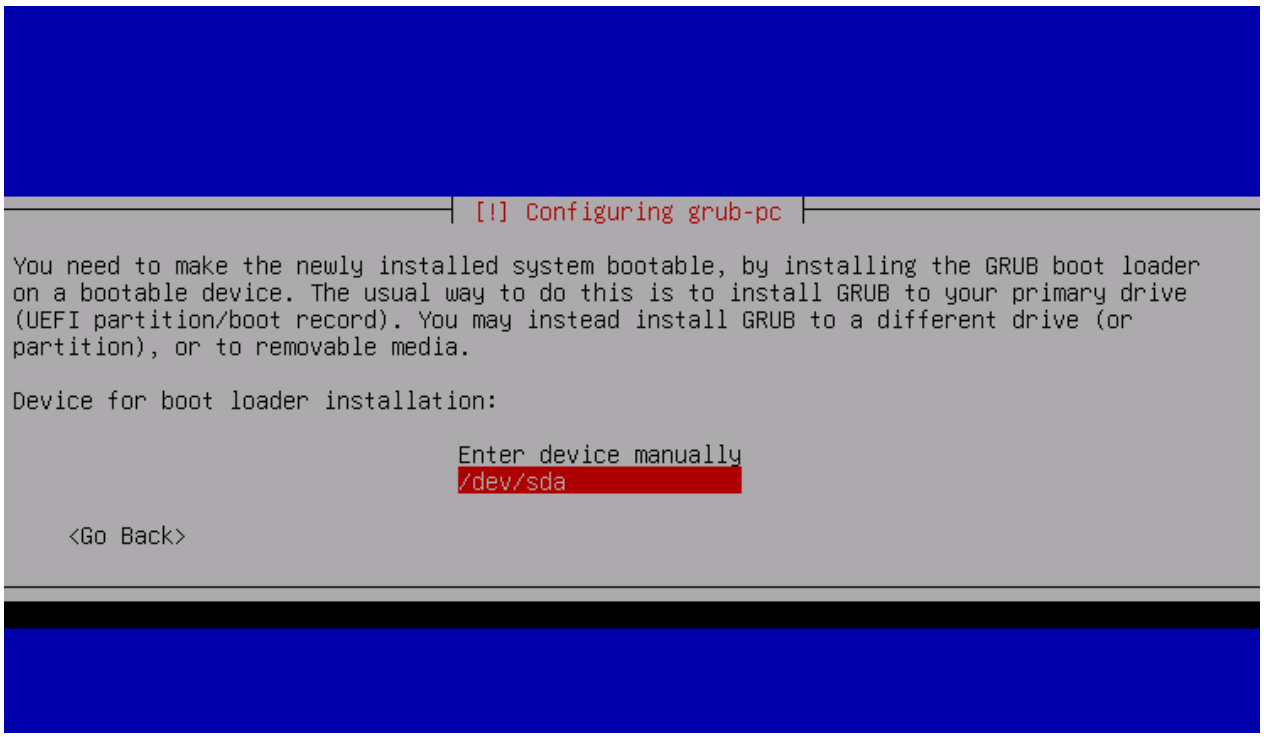
Para la partición realizamos una sin LVM





Por último configuramos el los paquetes y seleccionamos la particion que usara el boot loader


[!] 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.us.debian.org
debian.csail.mit.edu
mirrors.lug.mtu.edu
debian.cc.lehigh.edu
mirror.us.oneandone.net
mirrors.bloomu.edu
mirrors.namecheap.com
mirrors.ocf.berkeley.edu
debian.mirror.constant.com
mirror.cogentco.com
mirror.us.leaseweb.net
mirrors.accretive-networks.net
debian.cs.binghamton.edu
mirror.steadfast.net
mirror.keystealth.org
debian.uchicago.edu
mirrors.wikimedia.org
mirror.siena.edu
mirror.pit.teraswitch.com
plug-mirror.rcac.purdue.edu
<Go Back>


[!] Configuring grub-pc
You need to make the newly installed system bootable, by installing the GRUB boot loader
on a bootable device. The usual way to do this is to install GRUB to your primary drive
(UEFI partition/boot record). You may instead install GRUB to a different drive (or
partition), or to removable media.
Device for boot loader installation:
Enter device manually
/dev/sda
<Go Back>