

Victoria Abreu

00332297

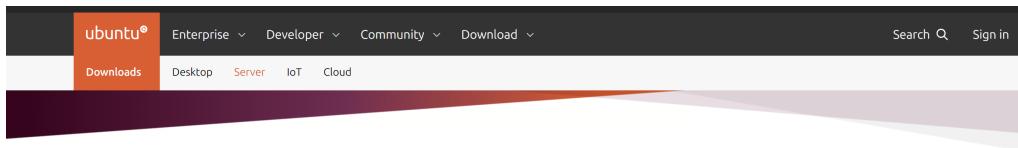
CIS 245

For these Installs we are using VirtualBox

Ubuntu Server

Go to <https://ubuntu.com/download/server>

Click download.



Get Ubuntu Server

Option 1: Manual server installation

USB or DVD image based physical install

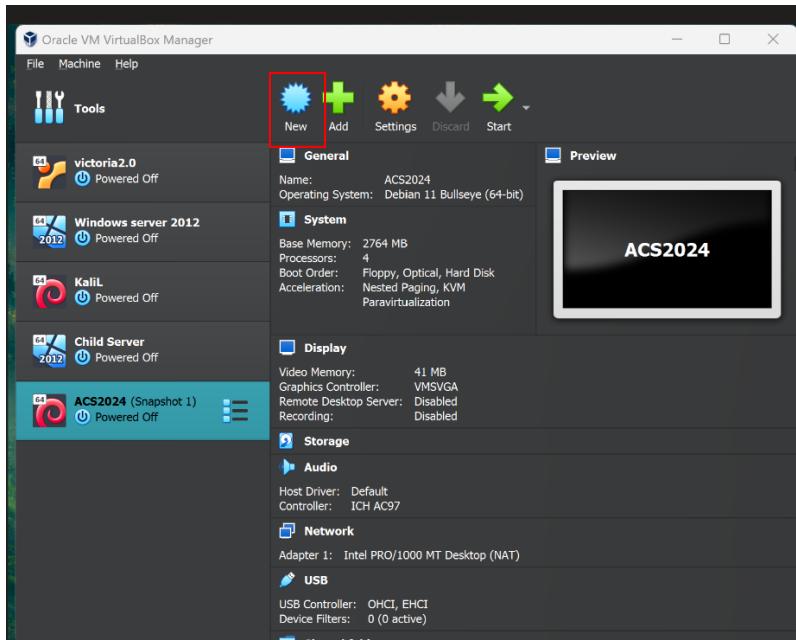
- OS security guaranteed until April 2027
- Expanded security maintenance until April 2032
- Commercial support for enterprise customers



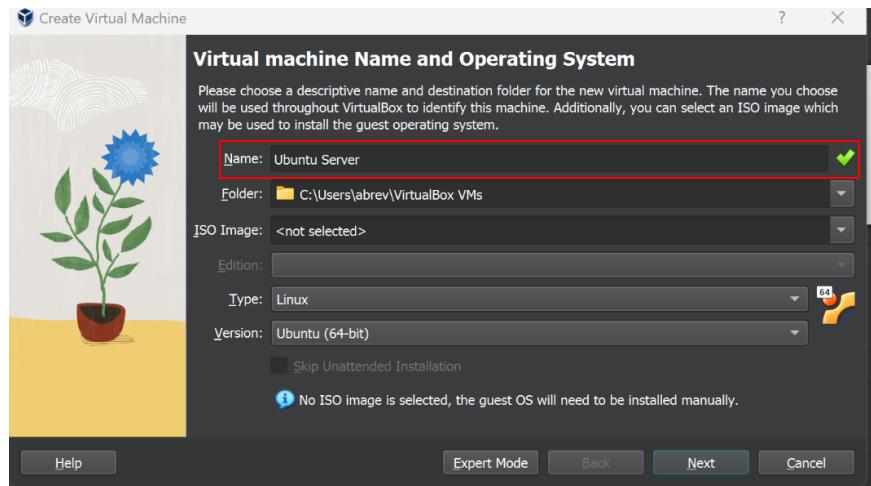
[Download Ubuntu Server 22.04.3 LTS](#) Alternative downloads > Alternative architectures >

[Read the Ubuntu Server 22.04 LTS release notes](#)

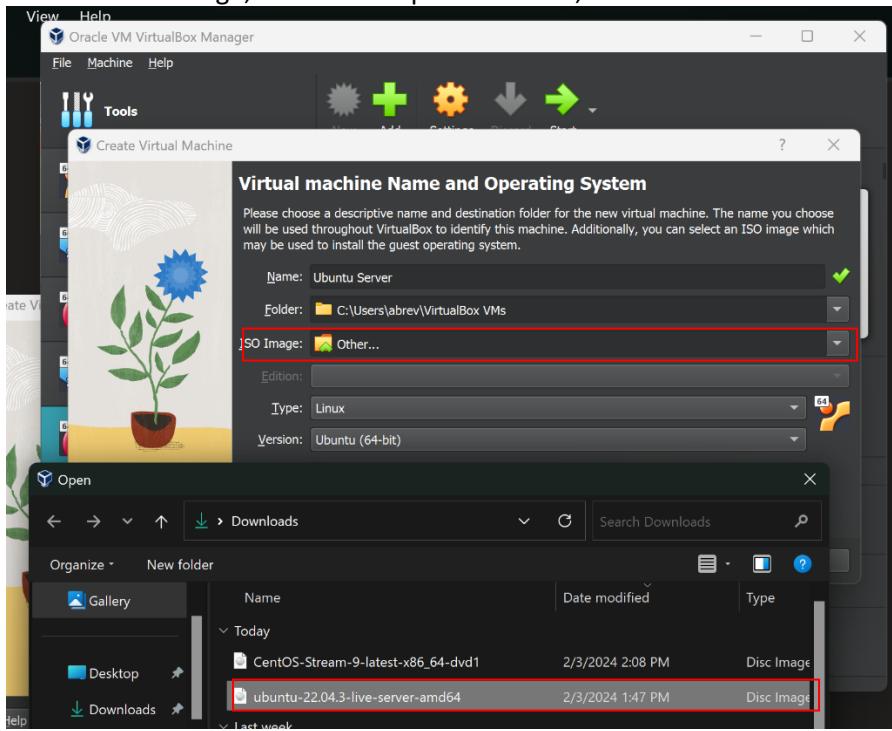
On VirtualMachine, select new



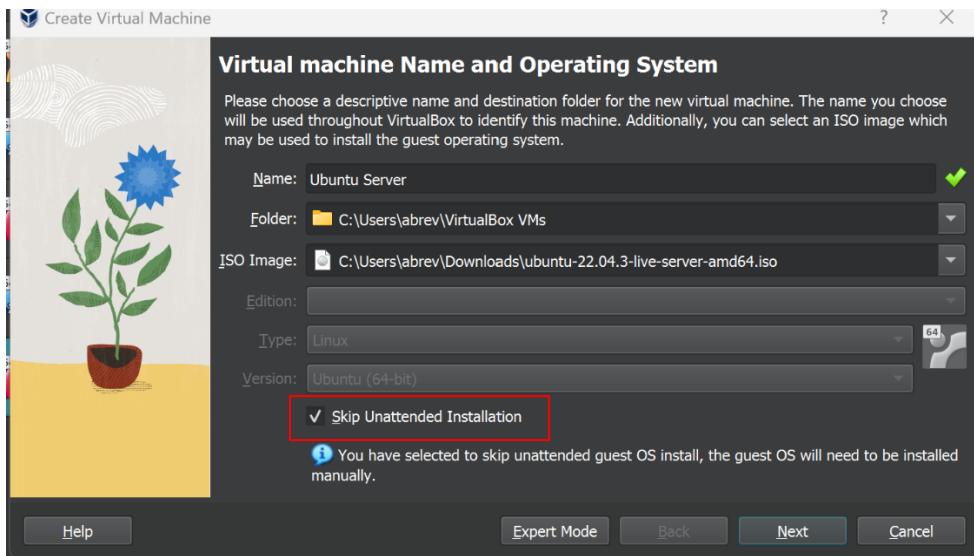
Then, enter the name for your new virtual machine.



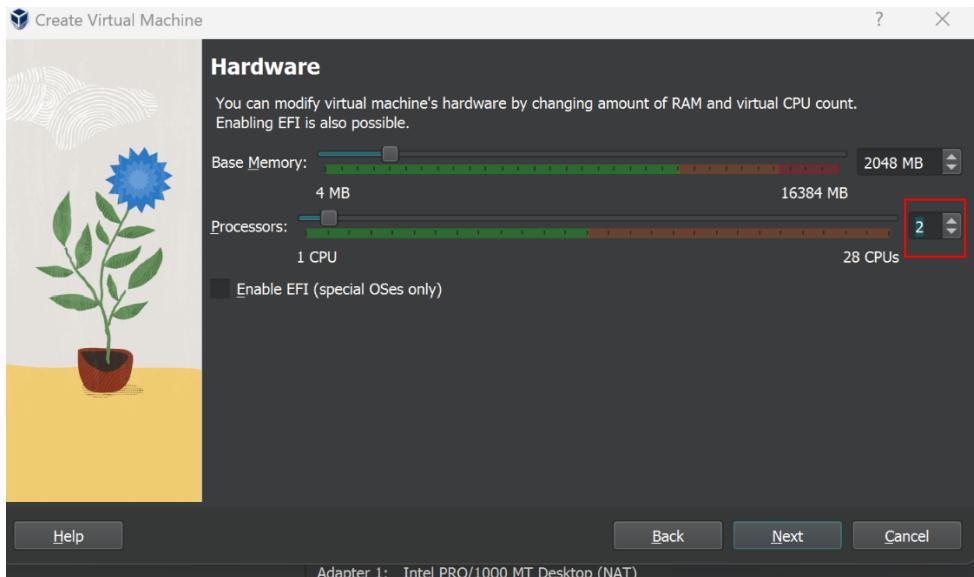
Select the Iso image, from the drop down menu, select other and search for the Ubuntu server Iso image



Select skip unattended installation

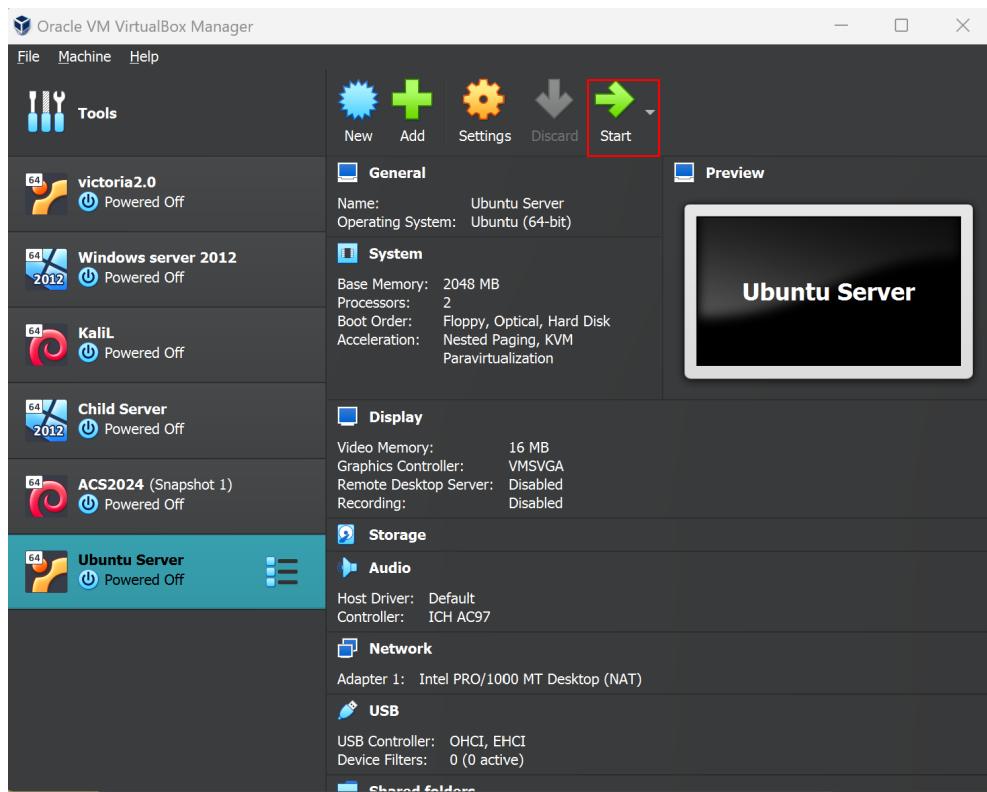


Base memory can stay like that, increase processors to 2

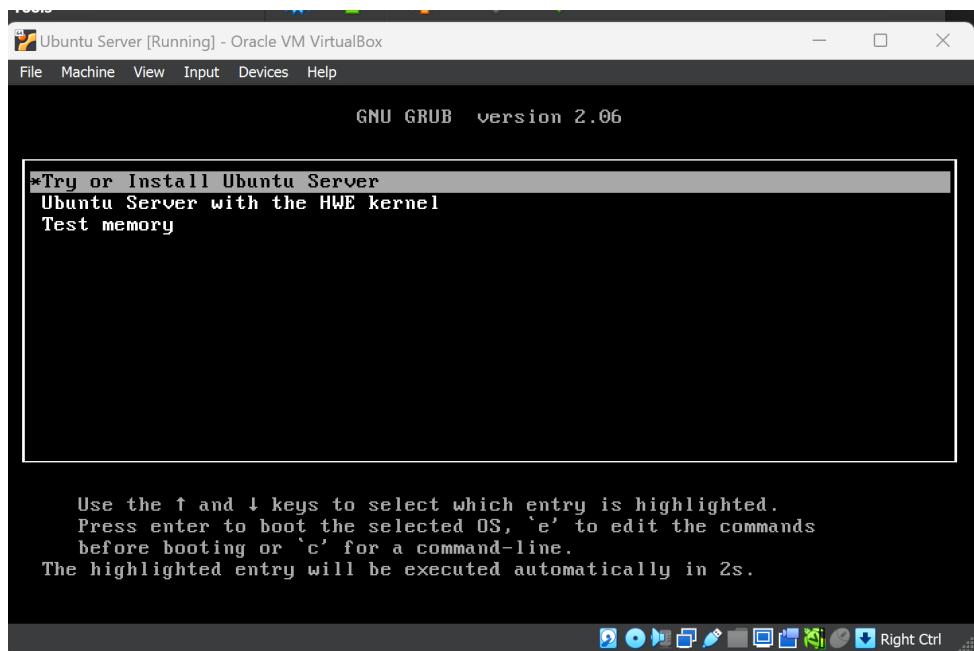


Leave the virtual hard disk set to 25GB, click next and then Finish.

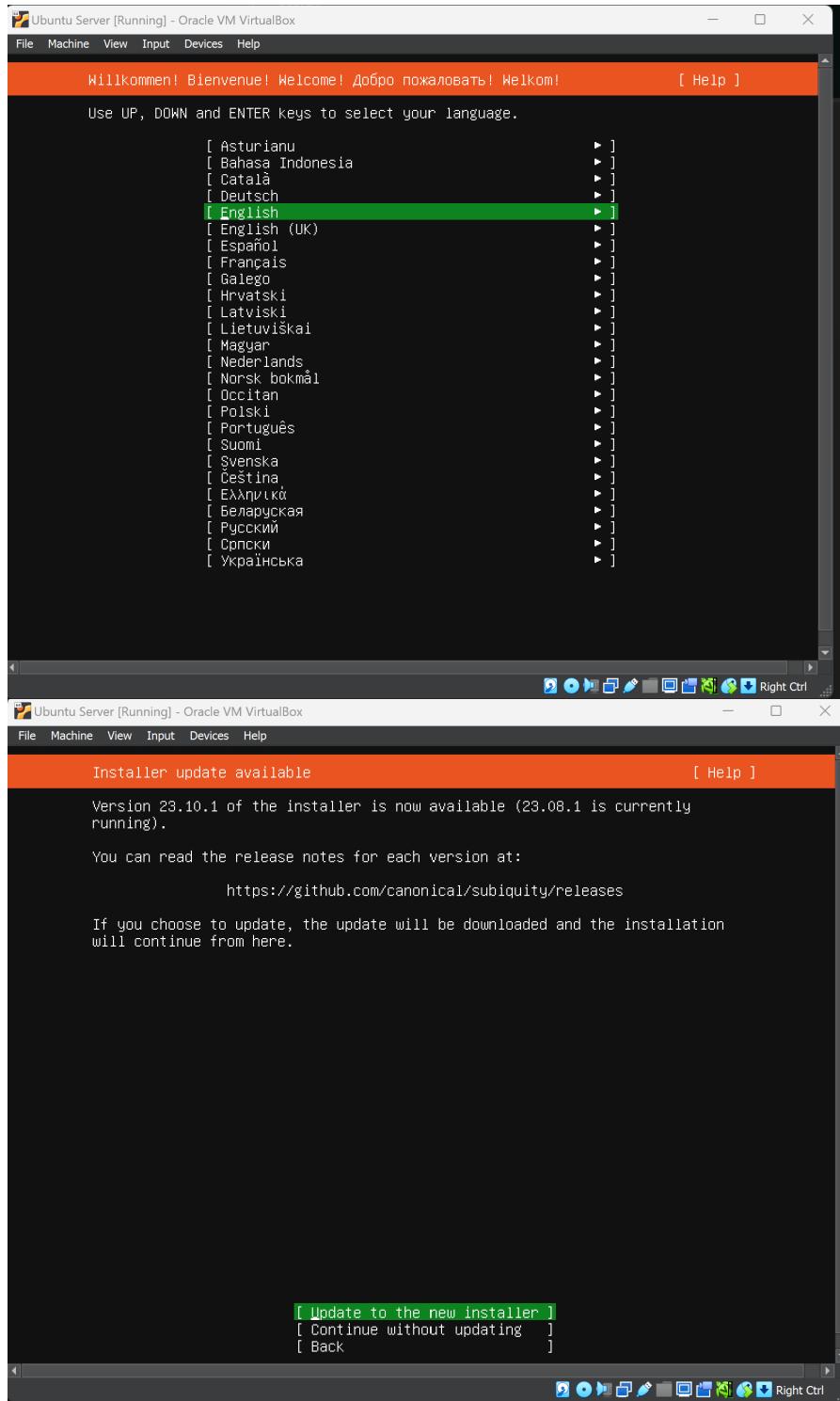
At the VM manager select your Ubuntu server and click start.

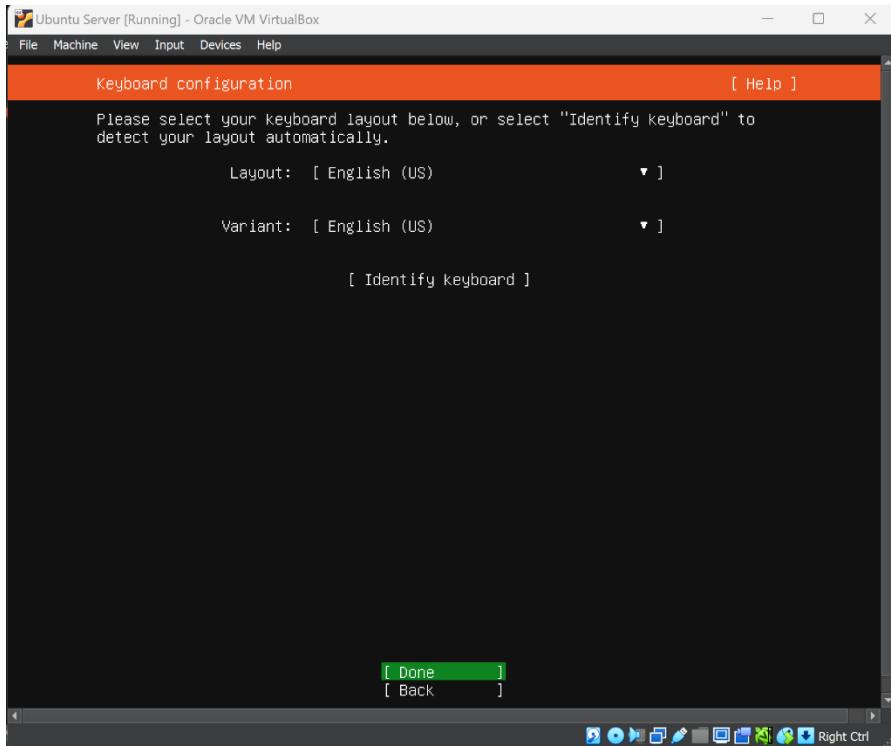


Select try or install ubuntu server and press enter.

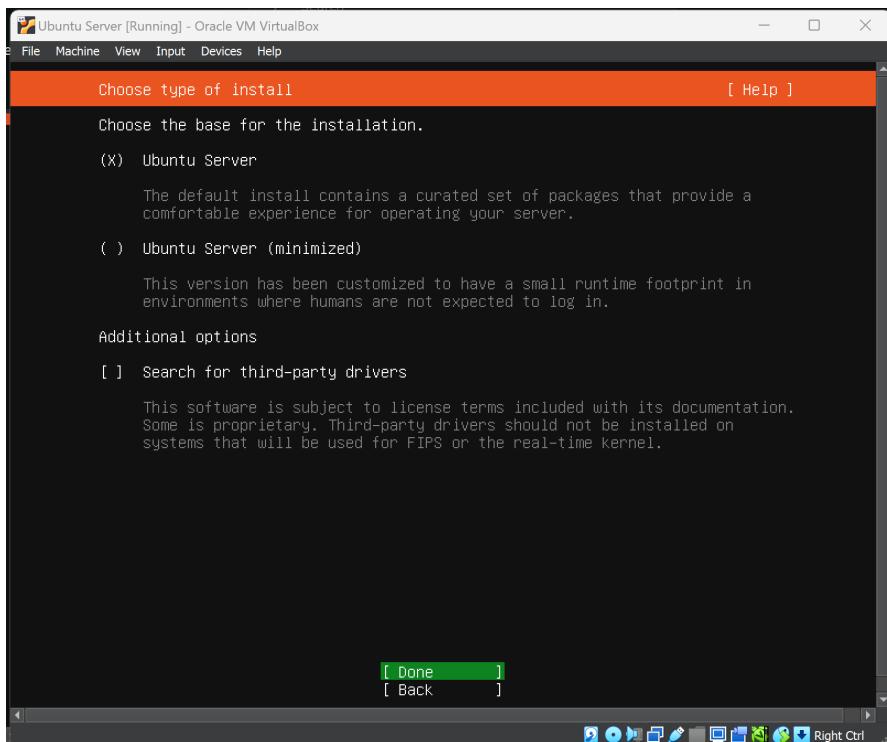


Select language, update the installer, select your keyboard configuration,

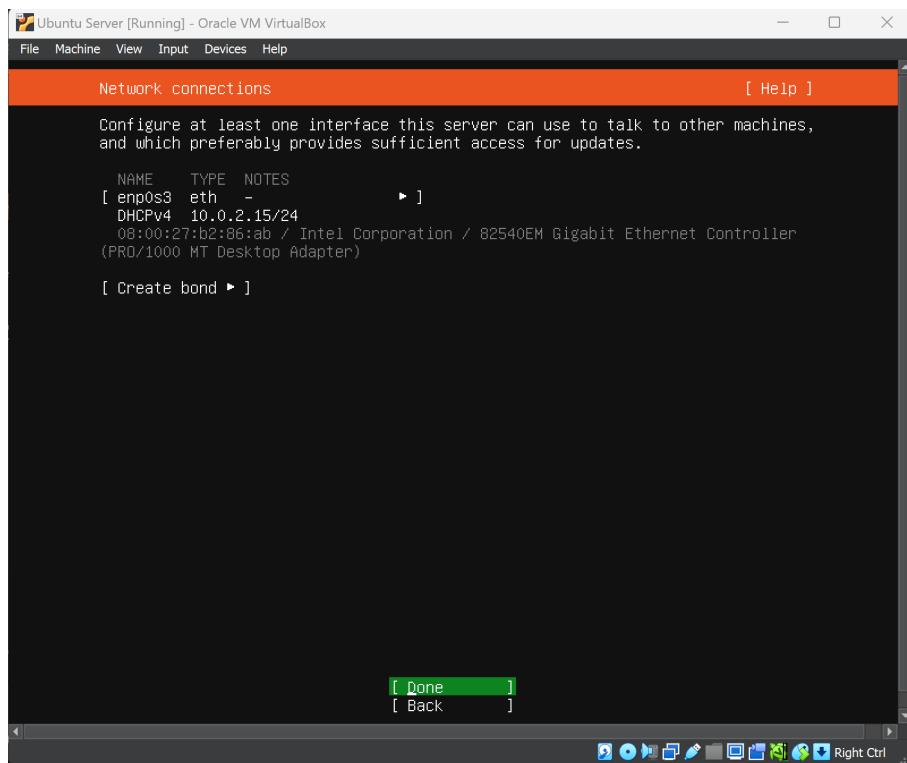




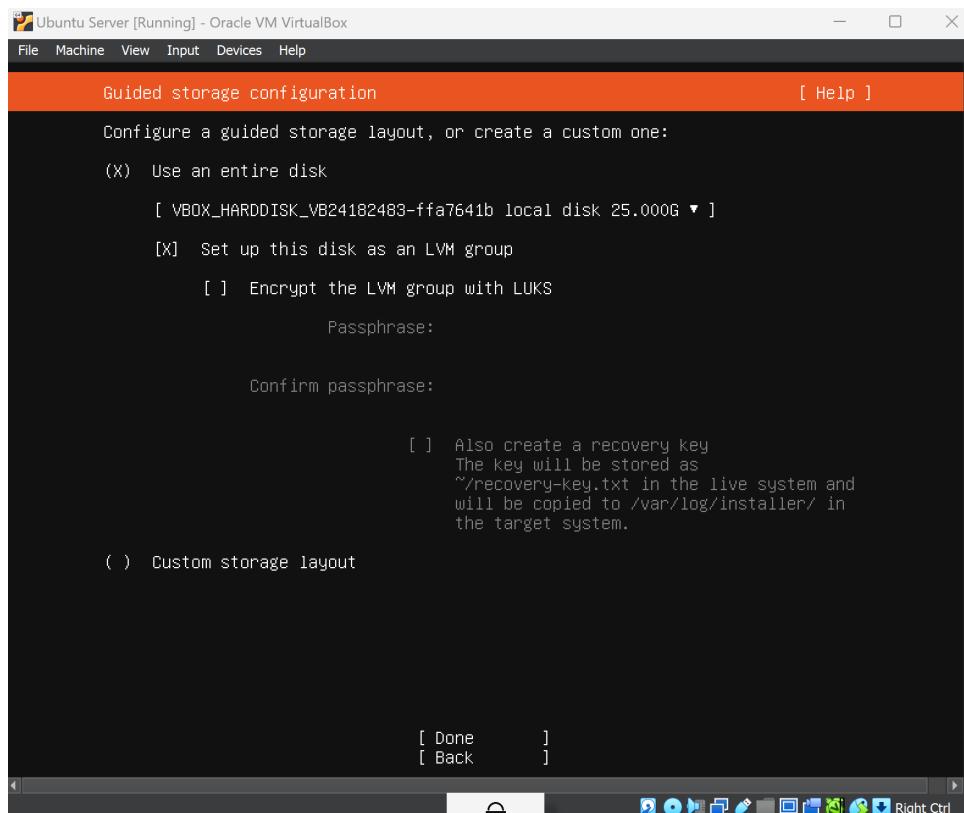
For the type of install select the regular ubuntu server not the minimized



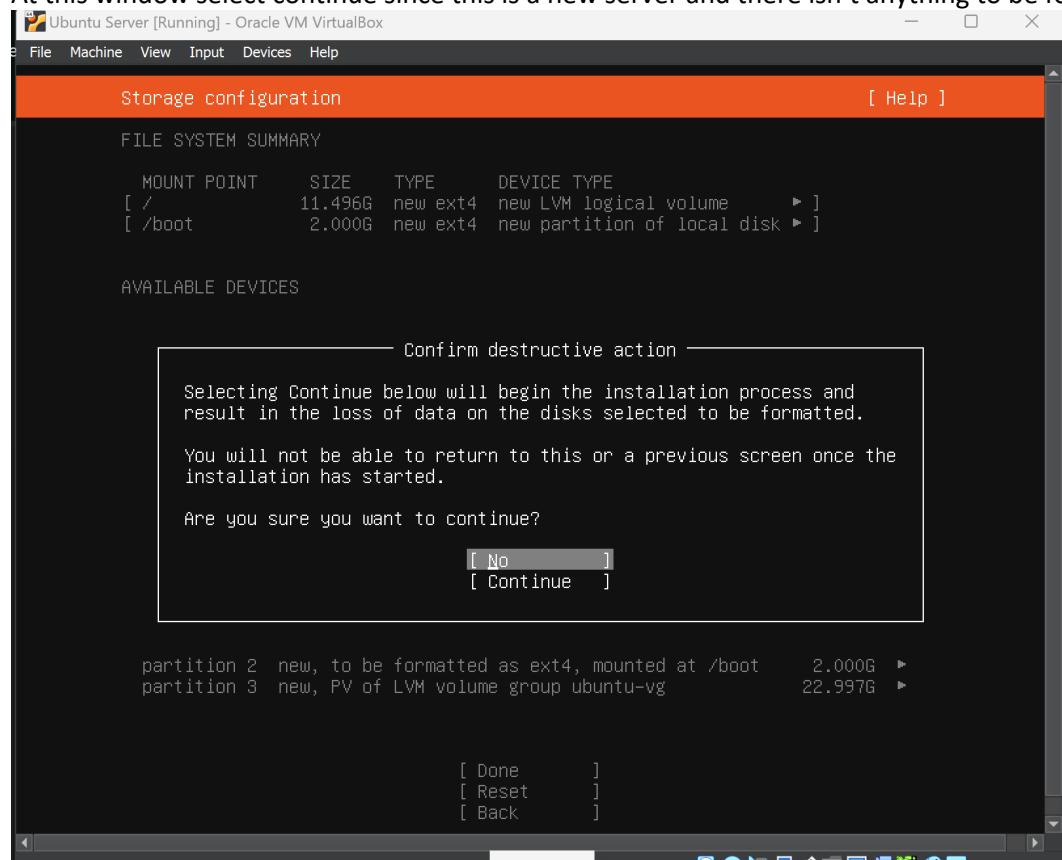
continue with the default network connections



For storage select the entire disk, we allocated this space earlier for this server

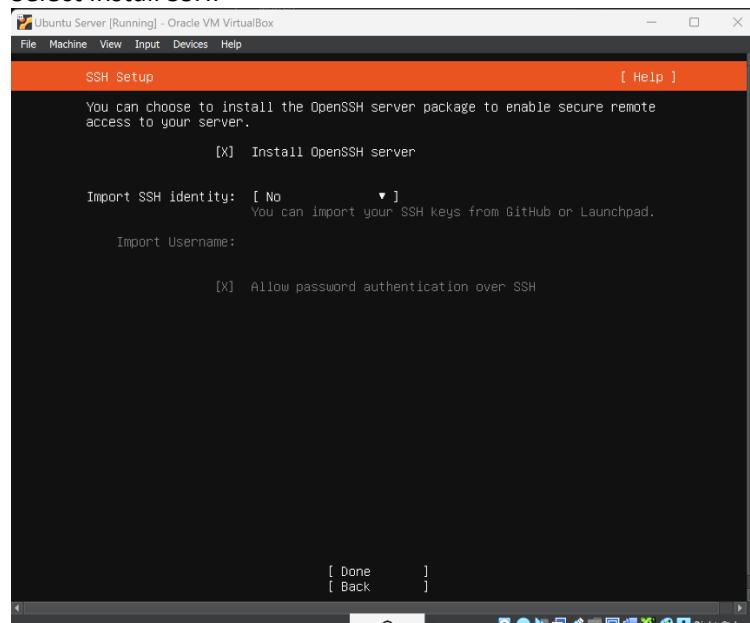


At this window select continue since this is a new server and there isn't anything to be formatted.



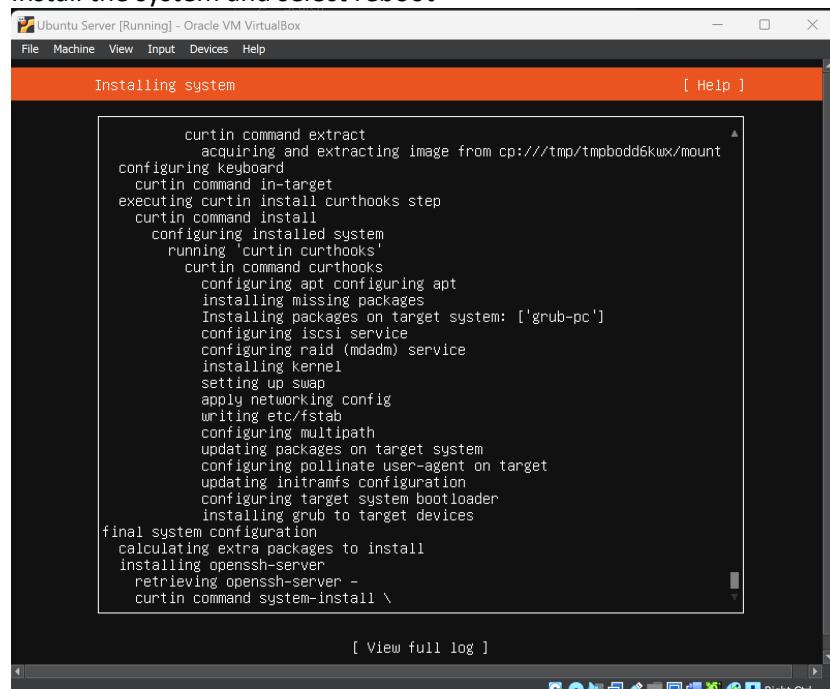
Skip on Ubuntu Pro.

Select install SSH.



Skip on Featured server snaps.

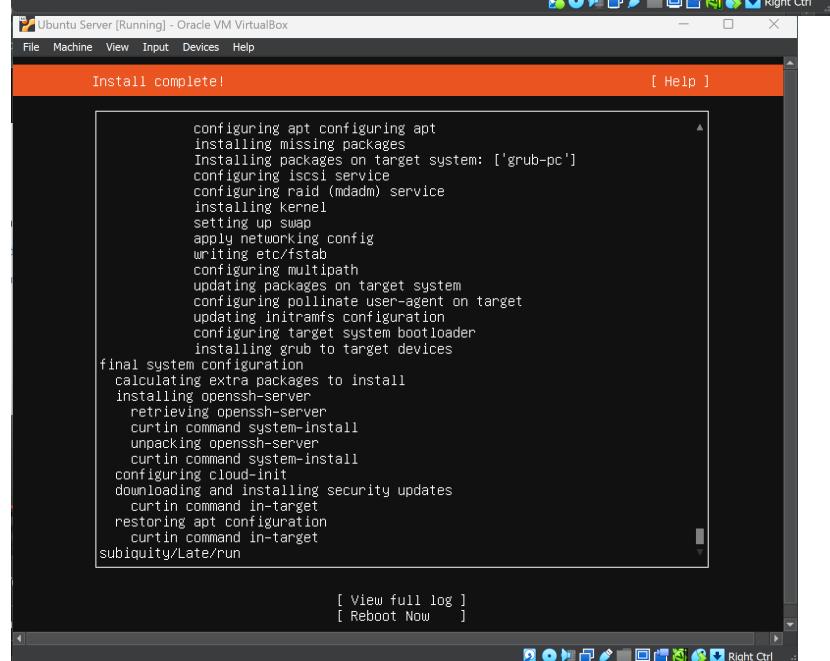
Install the system and select reboot



The terminal log shows the system installation process:

```
curtin command extract
    acquiring and extracting image from cp:///tmp/bodd6kwx/mount
configuring keyboard
    curtin command in-target
executing curtin install curthooks step
    curtin command install
        configuring installed system
            running 'curtin curthooks'
                curtin command curthooks
                    configuring apt configuring apt
                    installing missing packages
                    Installing packages on target system: ['grub-pc']
                    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
    calculating extra packages to install
installing openssh-server
    retrieving openssh-server -
    curtin command system-install \\
```

[View full log]



The terminal log shows the system installation process completed:

```
configuring apt configuring apt
installing missing packages
Installing packages on target system: ['grub-pc']
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
    calculating extra packages to install
installing openssh-server
    retrieving openssh-server
    curtin command system-install
    unpacking openssh-server
    curtin command system-install
configuring cloud-init
downloading and installing security updates
    curtin command in-target
restoring apt configuration
    curtin command in-target
subiquity/Late/run
```

[View full log]
[Reboot Now]

There will be some text saying “Failed unmounting” this is okay, press enter and wait for it to finish. You will be prompted to enter your username and password, do this and you are all set.

```
Ubuntu Server [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Ubuntuserver login: victoria
Password:
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.0-92-generic x86_64)

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

System information as of Sat Feb 3 07:49:07 PM UTC 2024

System load: 0.416015625 Processes: 120
Usage of /: 43.8% of 11.21GB Users logged in: 0
Memory usage: 11% IPv4 address for enp0s3: 10.0.2.15
Swap usage: 0%

Expanded Security Maintenance for Applications is not enabled.

53 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

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

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

victoria@ubuntuserver:~$ _
```

CentOS

To Download go to <https://www.centos.org/>

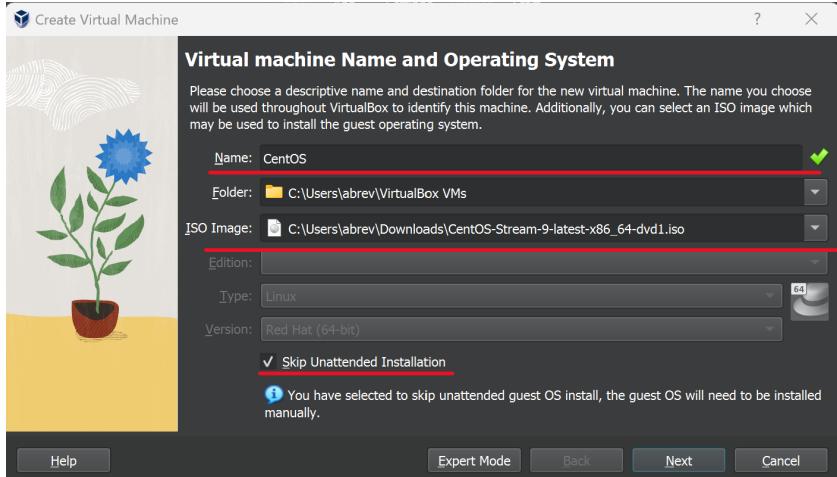
Select Centos Stream and then select 9 and x86_64.

Download

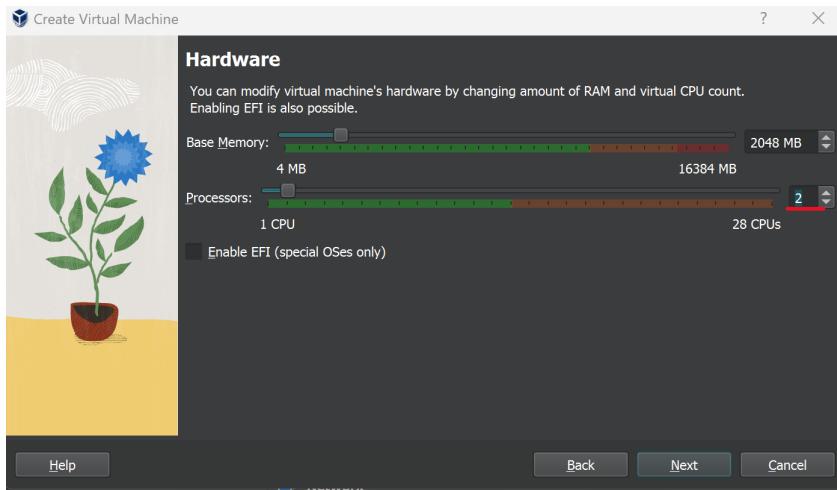
The screenshot shows the CentOS Stream website interface. At the top, there's a purple header bar with the text "CentOS Stream". Below it, a navigation bar has two items: "9" (which is highlighted with a red box) and "8". The main content area has a dark header with three tabs: "Architectures", "Packages", and "Others". The "Architectures" tab is also highlighted with a red box. Under this tab, there are four rows of options:

Architectures	Packages	Others
x86_64	RPMs	Cloud Containers Vagrant
ARM64 (aarch64)	RPMs	Cloud Containers Vagrant
IBM Power (ppc64le)	RPMs	Cloud Containers Vagrant
IBM Z (s390x)	RPMs	Cloud Containers Vagrant

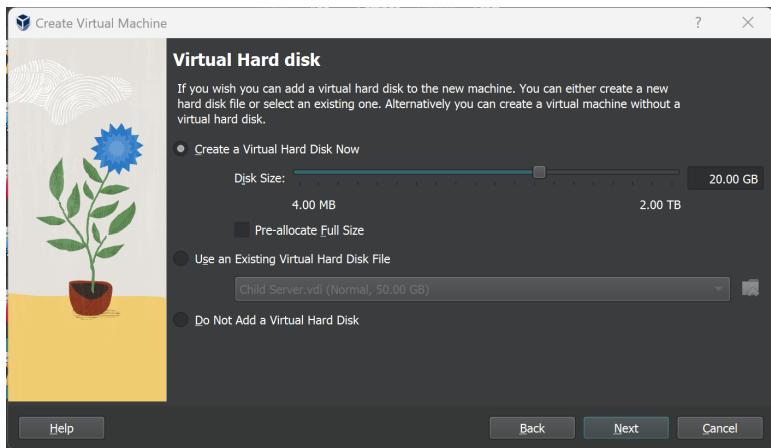
Enter a name, select the Iso image: click dropdown and select other, look for CentOS iso, skip unattended installation and click next.



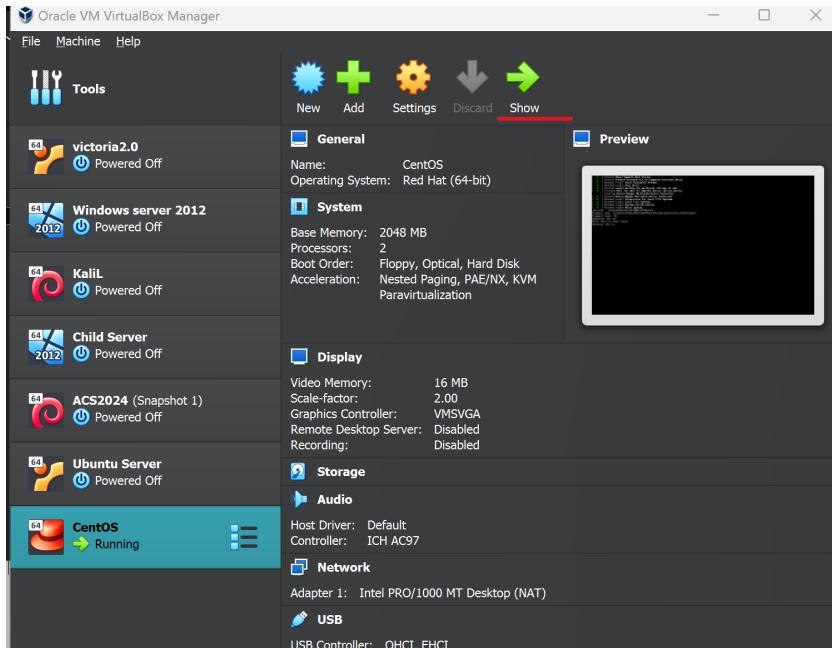
Leave the base memory as is and bump processor to 2, click next



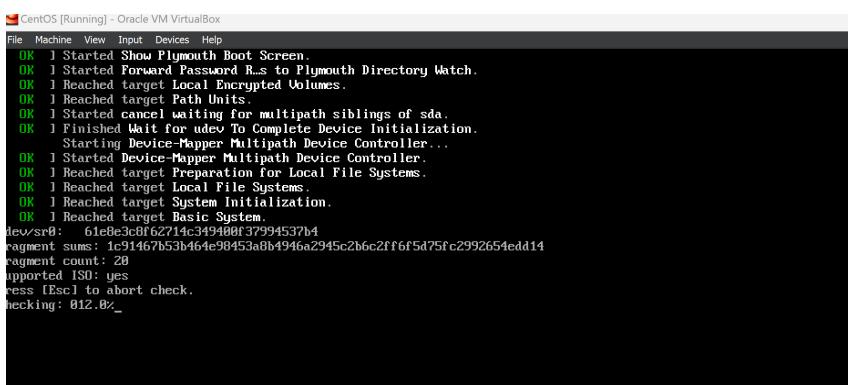
Leave hard disk set to 20GB and click next and then Finish.



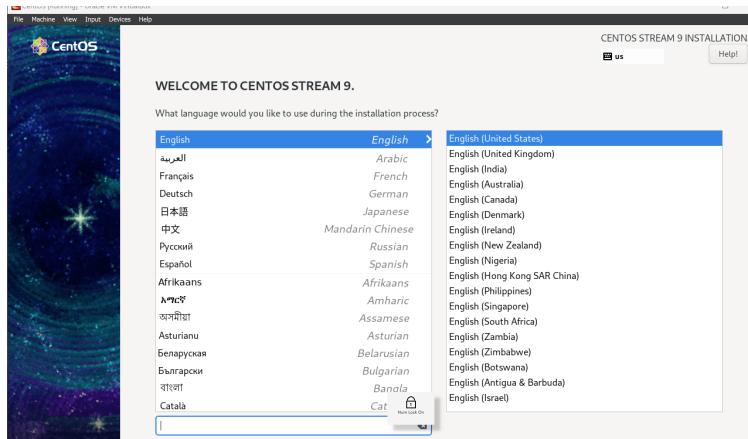
From the main menu, select CentSO and then start (usually up here but the vm was already opened so it says "show")



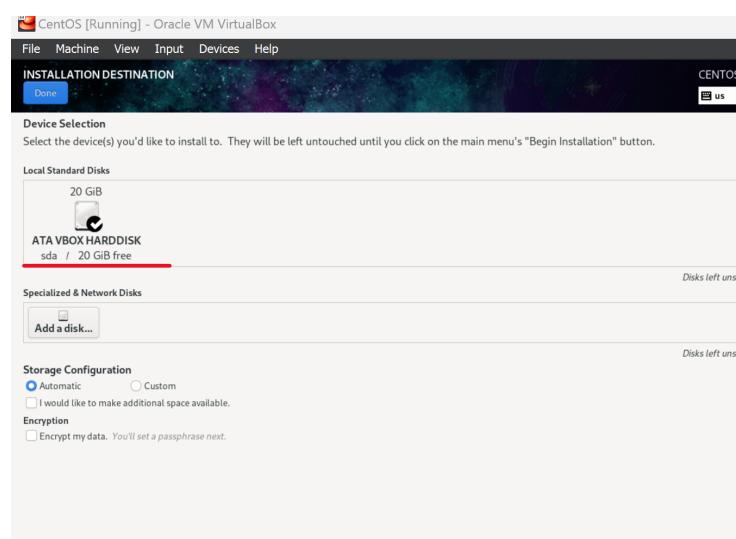
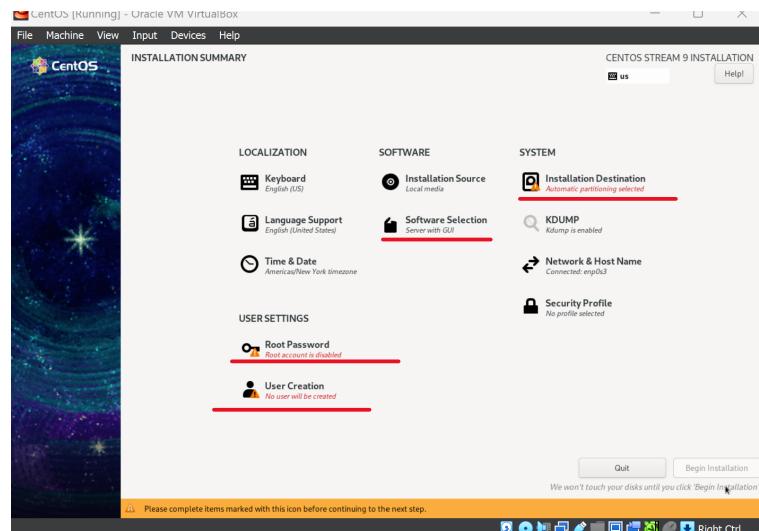
Select Install

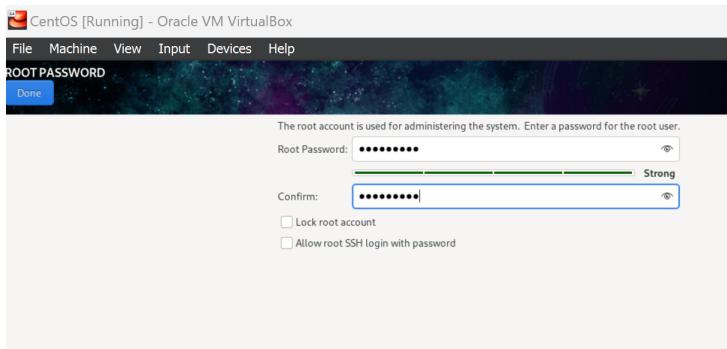


Select language and click continue.

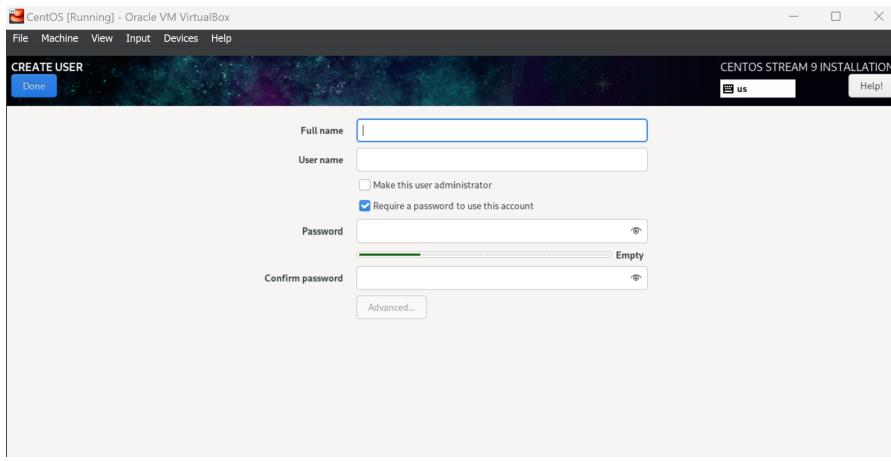


Select installation destination, and then select local standard disk, in software selection select server without the Gui, create a user, then enter Root password.





Create a user and password.



Then begin installation.

When the installation is complete, reboot the system and log in.

