

How to install Linux OS and Rose in virtual box

1-Download mware workstation

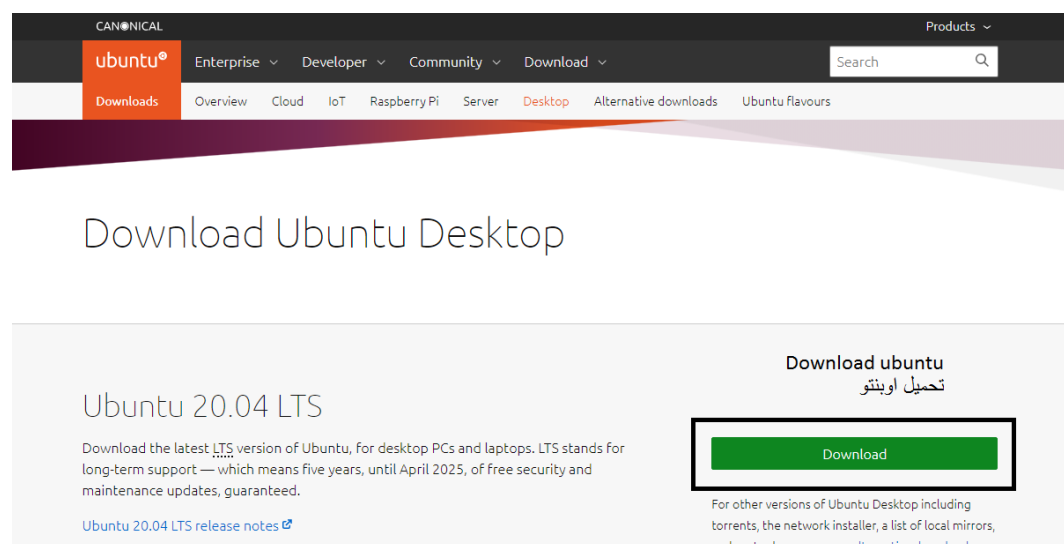
تحميل برنامج mware workstation

https://my.vmware.com/en/web/vmware/downloads/info/slug/desktop_end_user_computing/vmware_workstation_pro/15_0

2- download ubuntu Linux

تحميل نظام اوبنتو

<https://ubuntu.com/download/desktop>



For install an Ubuntu OS in mware workstation

File → New Virtual Machine...

لتثبيت الاوبنتو في الجهاز الافتراضي



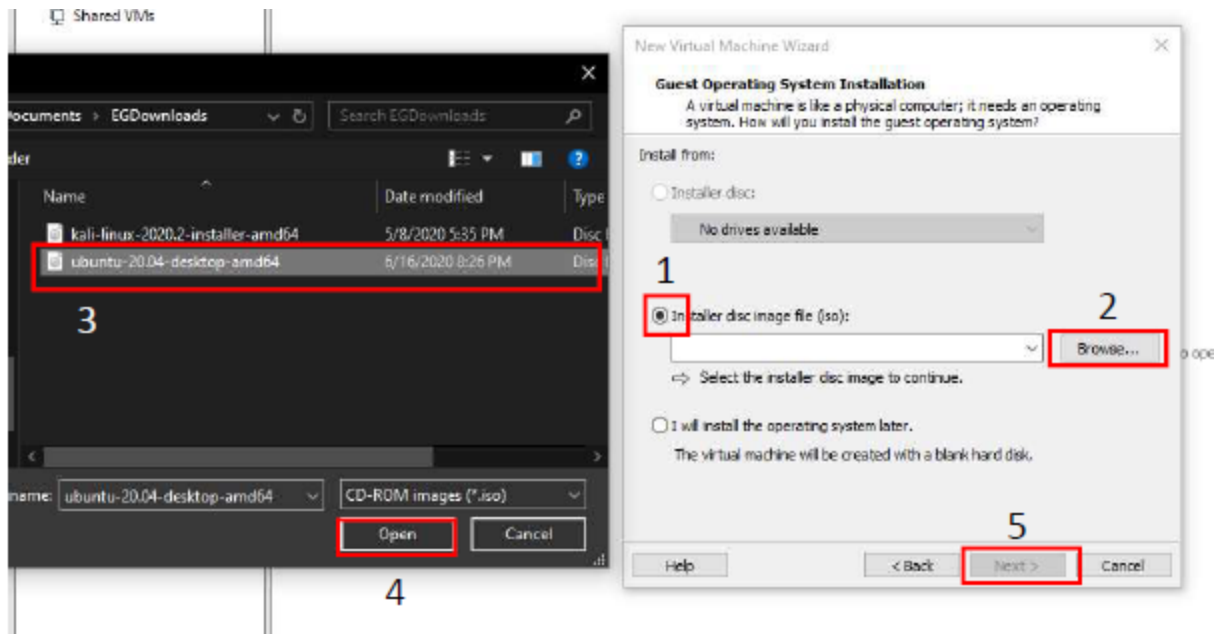
Choose these options

اختر هذه الخيارات



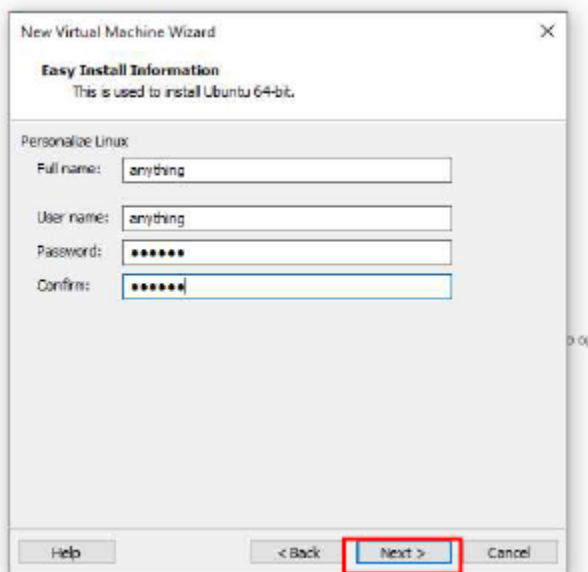
Go to the directory where you save the Ubuntu file

اذهب الى المجلد الذي حملت منه الاوبنتو



Fill the following blanks

املئ الفراغات التالية



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.

< Back **Next >** Cancel

New Virtual Machine Wizard

Specify Disk Capacity
How large do you want this disk to be?

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

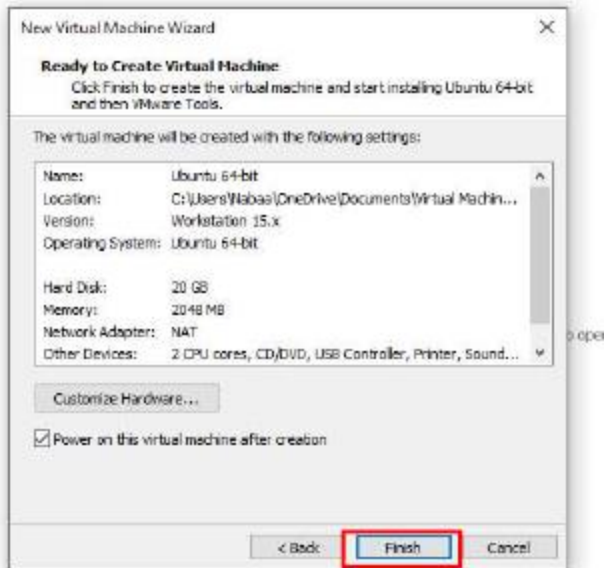
Maximum disk size (GB):

Recommended size for Ubuntu 64 bits: 20 GB

☒ Store virtual disk as a single file
☐ Split virtual disk into multiple files

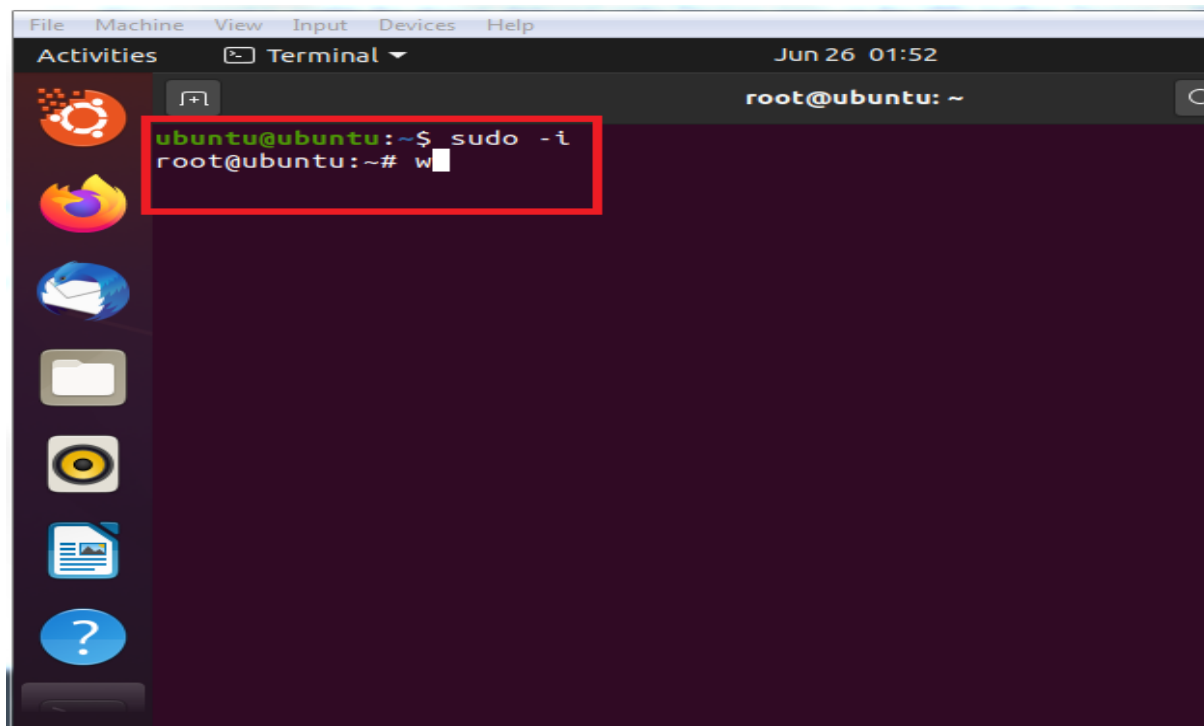
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help < Back **Next >** Cancel



To install the ROS open the terminal and write this command to be the root

لتثبيت الـ ROS افتح لوحة التحكم واكتب هذا الأمر لتصبح الـ روت
sudo -i

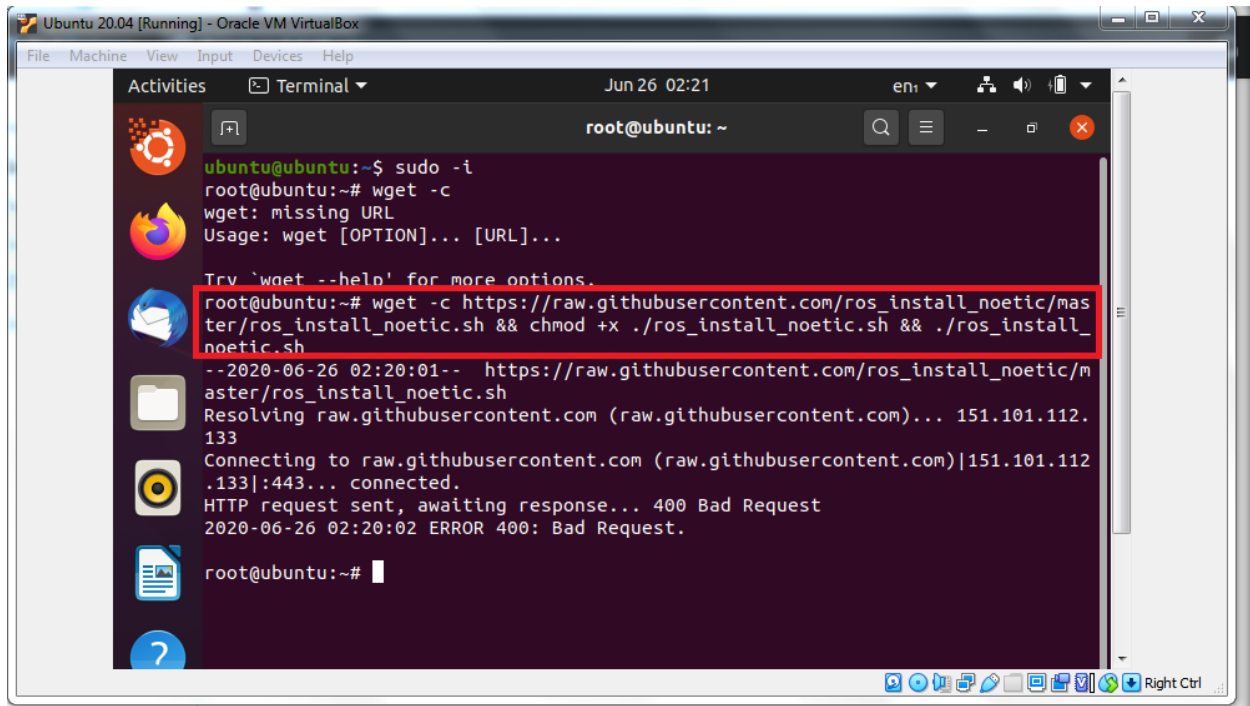


Then write this commend

ثم قم بكتابة هذا الامر

wget -c

https://raw.githubusercontent.com/qboticslabs/ros_install_noetic/master/ros_install_noetic.sh && chmod +x ./ros_install_noetic.sh && ./ros_install_noetic.sh



```
root@ubuntu: ~  
ubuntu@ubuntu:~$ sudo -i  
root@ubuntu:~# wget -c  
wget: missing URL  
Usage: wget [OPTION]... [URL]...  
  
Try 'wget --help' for more options.  
root@ubuntu:~# wget -c https://raw.githubusercontent.com/ros_install_noetic/master/ros_install_noetic.sh && chmod +x ./ros_install_noetic.sh && ./ros_install_noetic.sh  
--2020-06-26 02:20:01-- https://raw.githubusercontent.com/ros_install_noetic/master/ros_install_noetic.sh  
Resolving raw.githubusercontent.com (raw.githubusercontent.com)... 151.101.112.133  
Connecting to raw.githubusercontent.com (raw.githubusercontent.com)|151.101.112.133|:443... connected.  
HTTP request sent, awaiting response... 400 Bad Request  
2020-06-26 02:20:02 ERROR 400: Bad Request.  
root@ubuntu:~#
```

Chose the default → 1

اختار الافتراضي ← 1

Finally, write this commend

واخيرا، قم بكتابة هذا الامر

echo "source /opt/ros/noetic/setup.bash" >> ~/.bashrc source ~/.bashrc

to check wheather the install go right

للتحقق ان ثبت بشكل الصحيح او لا

rosversion -d

If the output is noetic, that means installation the rose correctly

إذا المخرج كان , ذلك يعني ان قمنا بتثبيت الروز بالشكل الصحيح