

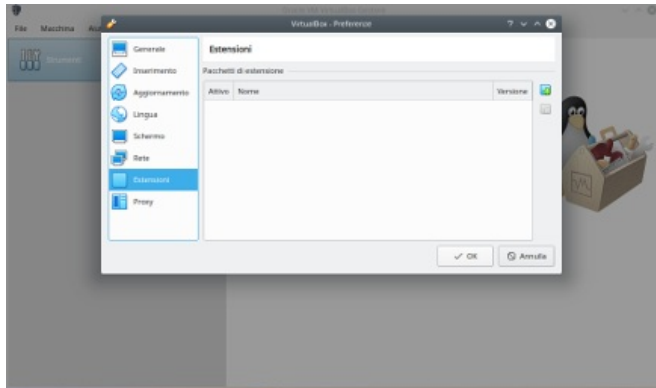
Create a virtual machine in VirtualBox

1 Download and install VirtualBox and the ExtensionPack

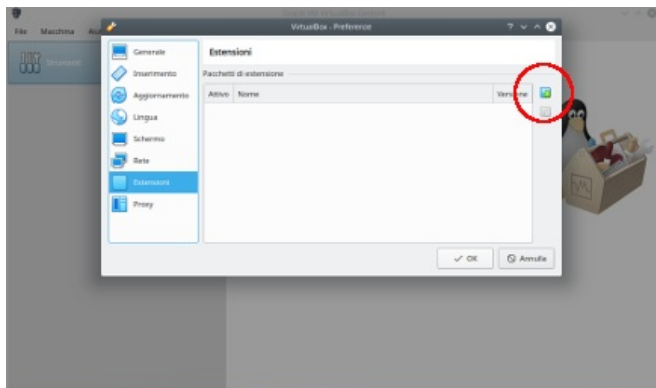
Go to <https://www.virtualbox.org/wiki/Downloads> and download VirtualBox for your OS. Then download the extension pack from this link https://download.virtualbox.org/virtualbox/6.1.4/Oracle_VM_VirtualBox_Extension_Pack-6.1.4.vbox-extpack

Install VirtualBox and accept the license. Once installed install the Extension-Pack as follow:

Open the VirtualBox, click on File --> Preferences/Settings and then select "Extension"



Click on the highlighted button and then choose the .vbox-extpack file that you have previously downloaded. Accept all the request and install the file.

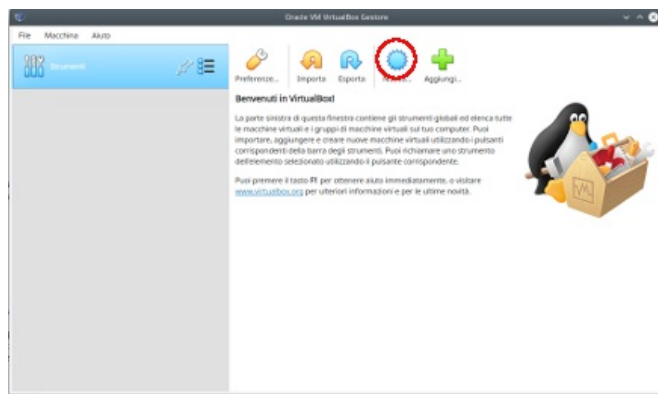


2 Download the Ubuntu 18.04 disc image (iso)

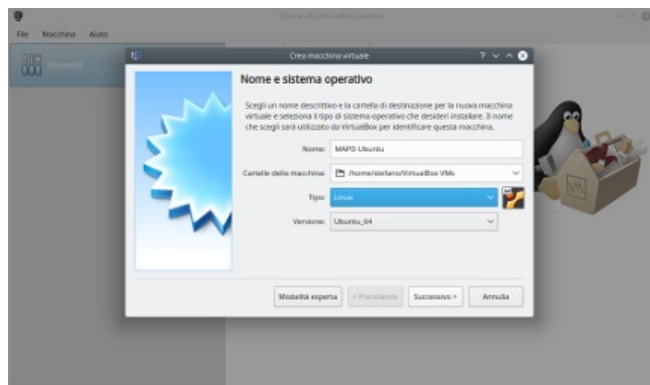
Click on the link <http://mirrors.syringanetworks.net/ubuntu-releases/18.04.4/ubuntu-18.04.4-desktop-amd64.iso> and download the iso file. The download could take 45 mins to more than hour, depends on your network. The iso file is ~2Gb.

3 Creation of the virtual machine

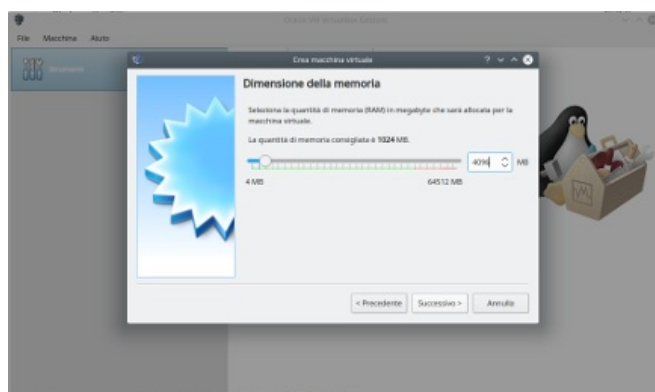
Let's start with the creation of the VM. Open VirtualBox and click on "New"



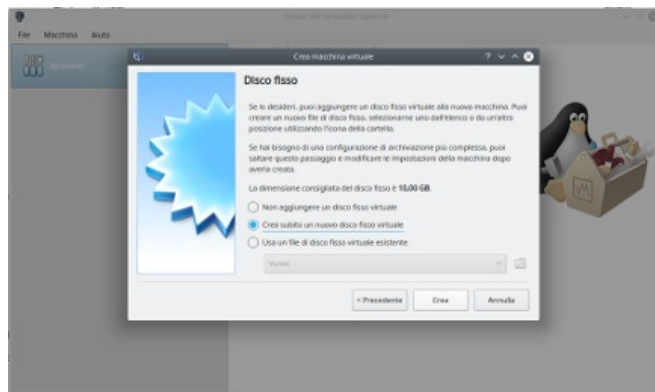
Select the form as below. For type choose "*Linux*" and for version "*Ubuntu 64*". The path of the VM must not be changed while the name is free. Then click on "*next*"



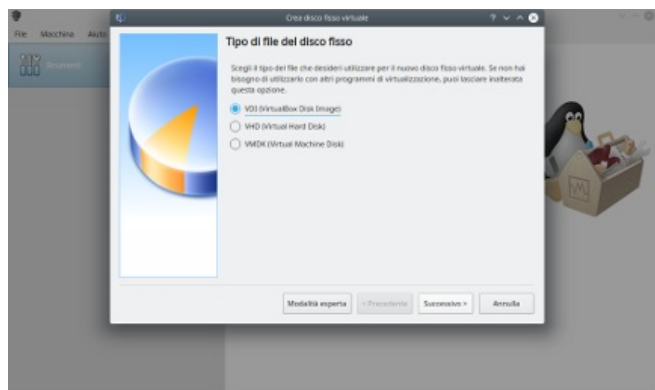
Choose the RAM size for your VM, I suggest you at least 2GB (higher is better). Then click on "*next*"



Leave this screen as it is and then click on "*next*"



Leave this screen as it is and then click on "*next*"



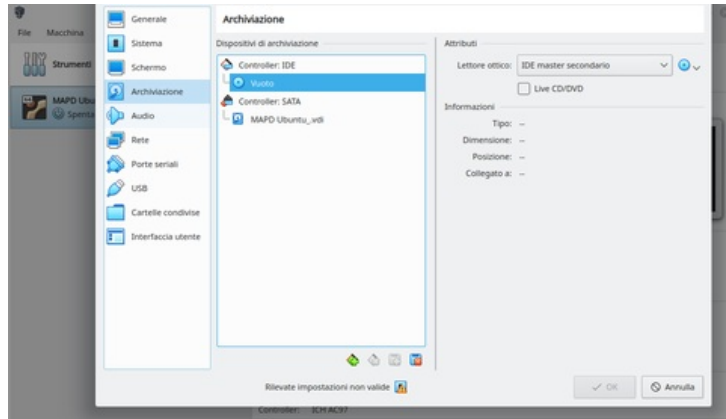
Leave this screen as it is and then click on "*next*"



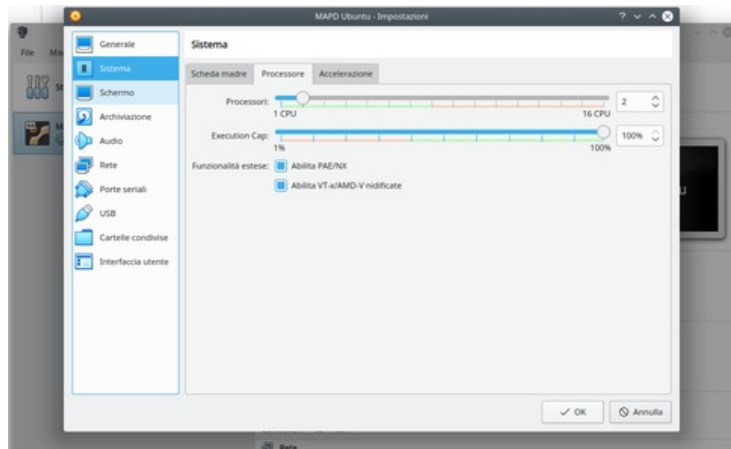
Choose the size of the VM hard disk, I suggest you at least 15GB. Then click on "*Create*"



Now you should be back to the main VirtualBox screen, select the machine that you have created and then click on the "Settings". In the new screen go to the "Storage" and select the "IDE Controller" then load the ubuntu iso you have downloaded previously.



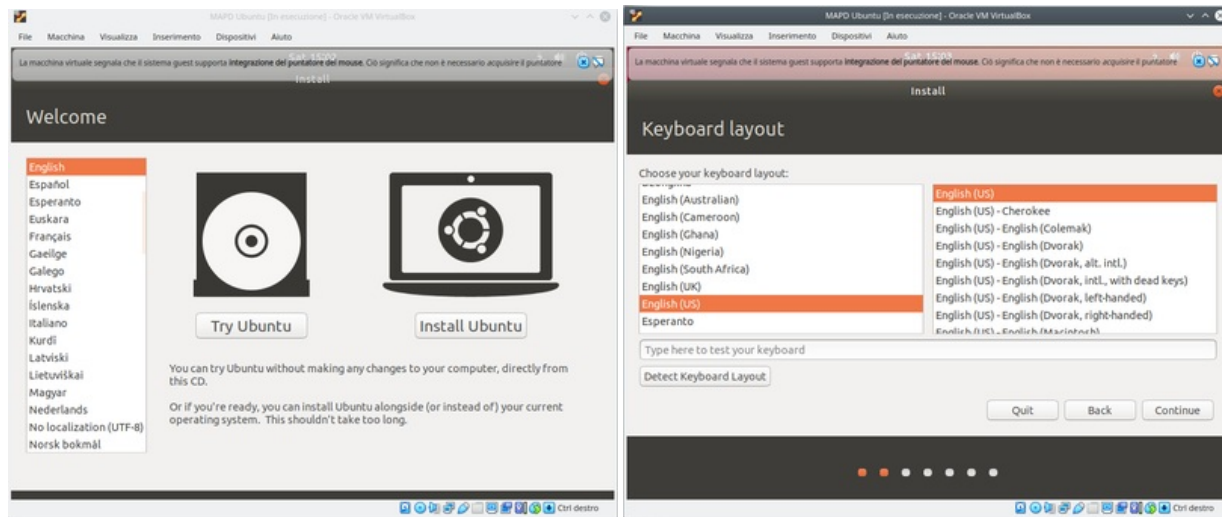
Go to the "System" setting and then into the "Processor" one. Choose the number of cores your VM. Do not use more than 50% of your CPU cores.



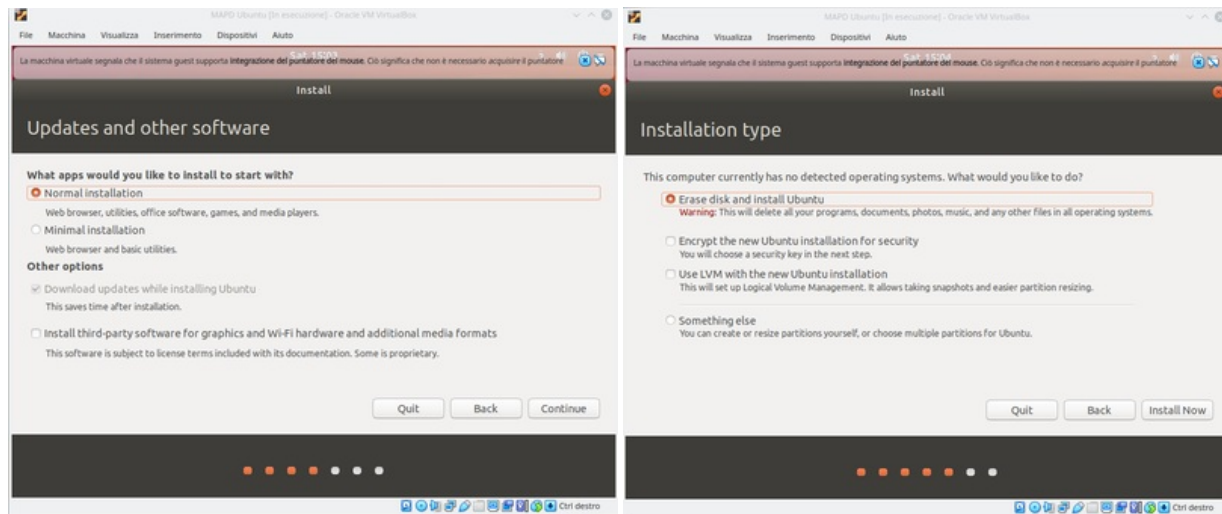
Make all your configuration and then close this menu.

4 Ubuntu installation

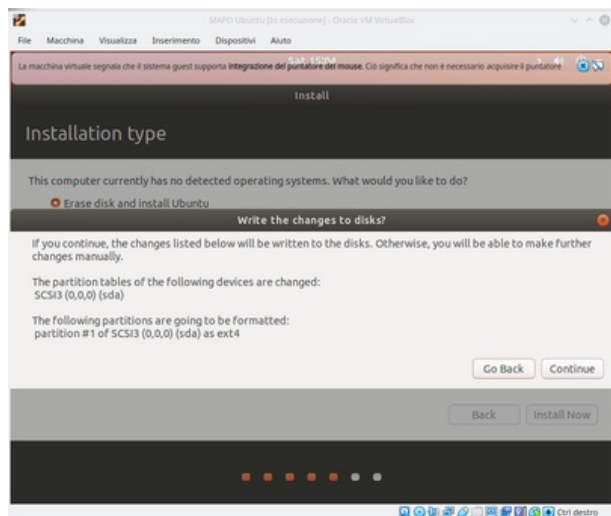
Once you've finished the configuration of the VM, came back to the main screen of VirtualBox and then lunch the VM. It should start automatically booting from disk otherwise something is wrong in your configuration. Once Ubuntu is booted choose the right language and then click on "Install Ubuntu". The go on and set your keyboard layout.



In this screens select the "Normal Installation" and the voice "Erase disk and Install Linux" the click on "Continue".

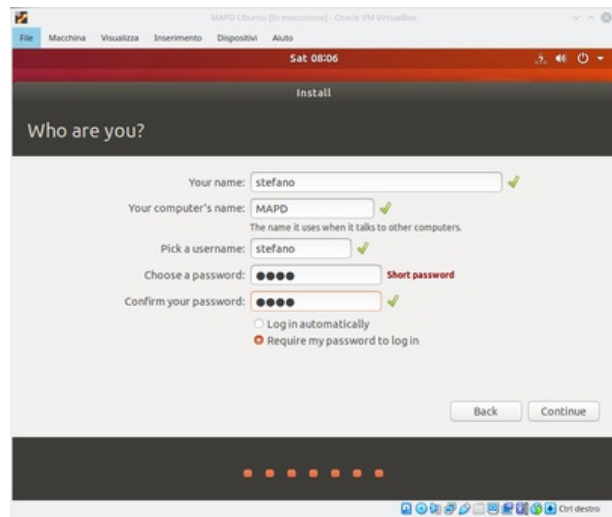


At this point you should see a screen similar to this below: click on "Continue". The set your timezone in the next screen (I suggest to use the Italian one)



In the last screen set your name and your username (if you want, otherwise it will auto compiled with your name). Set

your password and the name of your PC. Keep attention, the chosen password allows you to log in to the VM and to become "*sudo*" in order to install the packages. Wait until the finish.



Restart the machine and enjoy :)