

# How to setup a virtual machine with Ubuntu 20.04

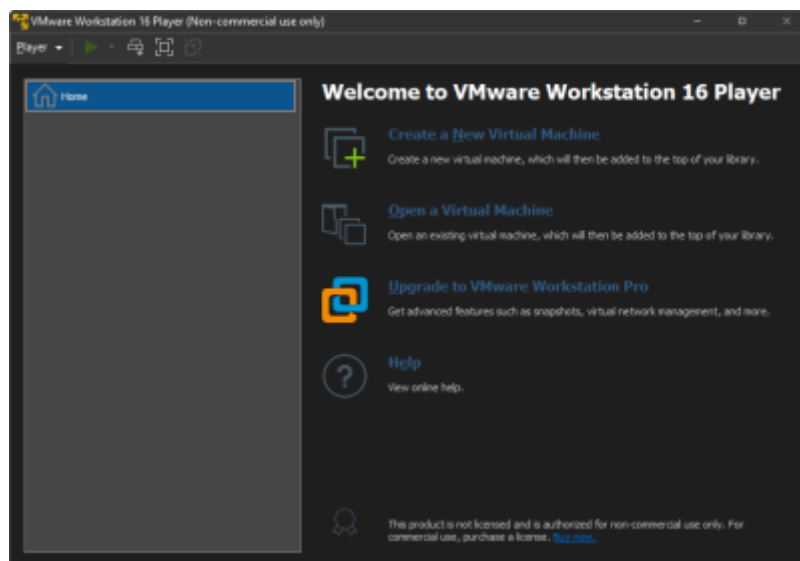
Virtualization technologies such as virtual machines allow us to experience other operating systems without affecting, removing or changing our default operating system, you can think of it as a “virtual computer” inside your “real computer”, this allows us to create multiple virtual machines on our computer.

Before starting it is necessary to **download and install** the software [VMware Workstation Player](#) , if you are a **Windows 64-bit user** you can download it from this [link](#). If you are a **Mac OS** user you can download [VirtualBox](#) directly from this [link](#)

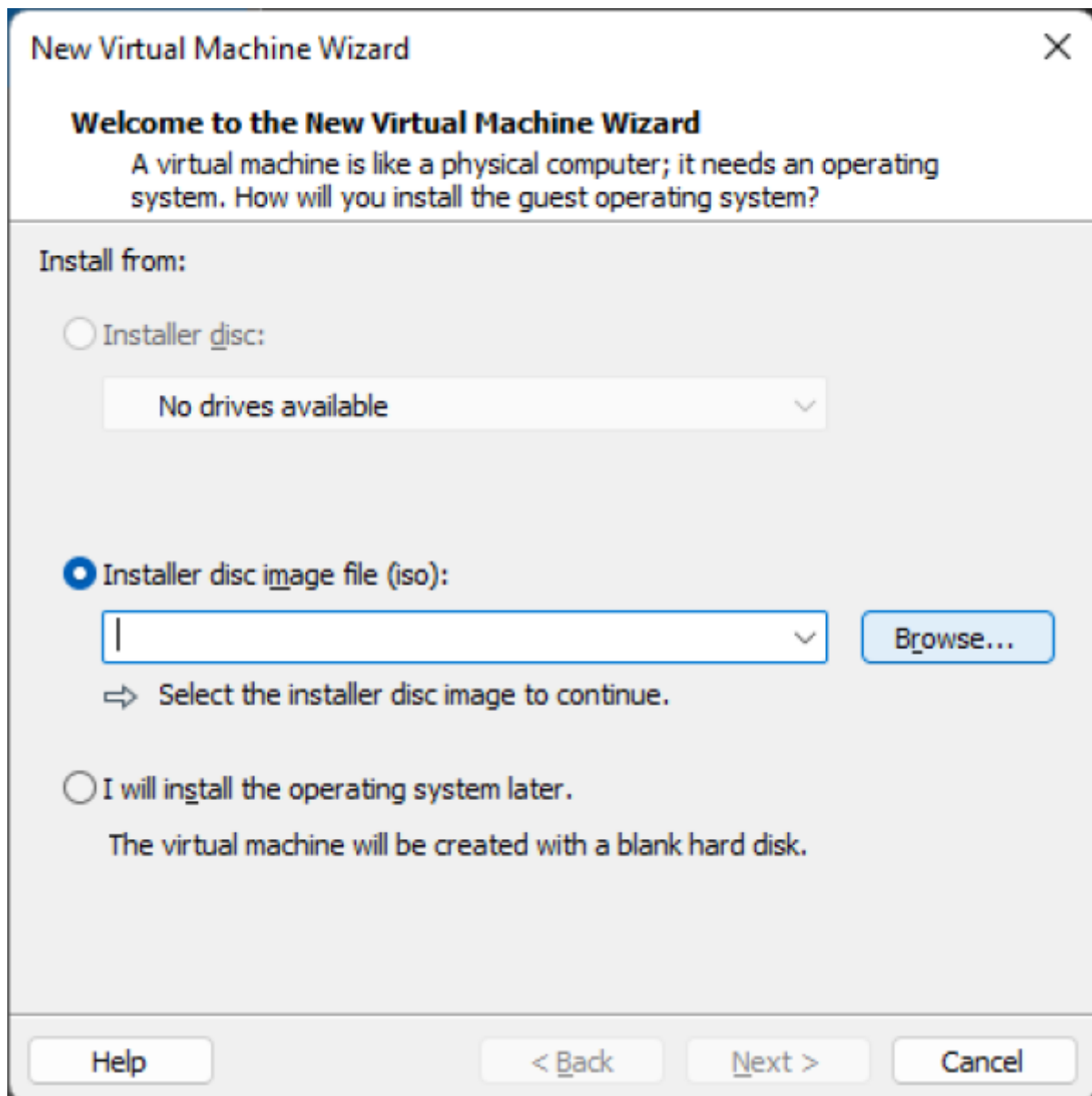
The next step is to download Ubuntu 20.04, you can do it directly from this [link](#) (this step applies to Windows and Mac users).

## Setup VMware and Ubuntu (Windows users)

With VMware Workstation Player installed open **vmplayer**.



In the interface click on **Create a New Virtual Machine**, this will open a window where you must check **Installer disc image file (iso)**, press the button **Browse**, browse and select the Ubuntu 20.04 file you downloaded earlier (usually called *ubuntu-20.04.3-desktop-amd64.iso*), then press **Next**.



The image shows a 'New Virtual Machine Wizard' window. It has a title bar with a close button (X). The main content area is titled 'Welcome to the New Virtual Machine Wizard' and contains the text: 'A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?'. Below this, there is a section 'Install from:' with three radio button options. The first option is 'Installer disc:', which is currently unselected. Below it is a dropdown menu showing 'No drives available'. The second option is 'Installer disc image file (iso):', which is selected. Below it is a text input field with a dropdown arrow and a 'Browse...' button. The third option is 'I will install the operating system later.', which is unselected. Below it is the text: 'The virtual machine will be created with a blank hard disk.' At the bottom of the window, there are four buttons: 'Help', '< Back', 'Next >', and 'Cancel'.

New Virtual Machine Wizard

**Welcome to the New Virtual Machine Wizard**

A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:

☐ Installer disc:

No drives available

☒ Installer disc image file (iso):

| Browse...

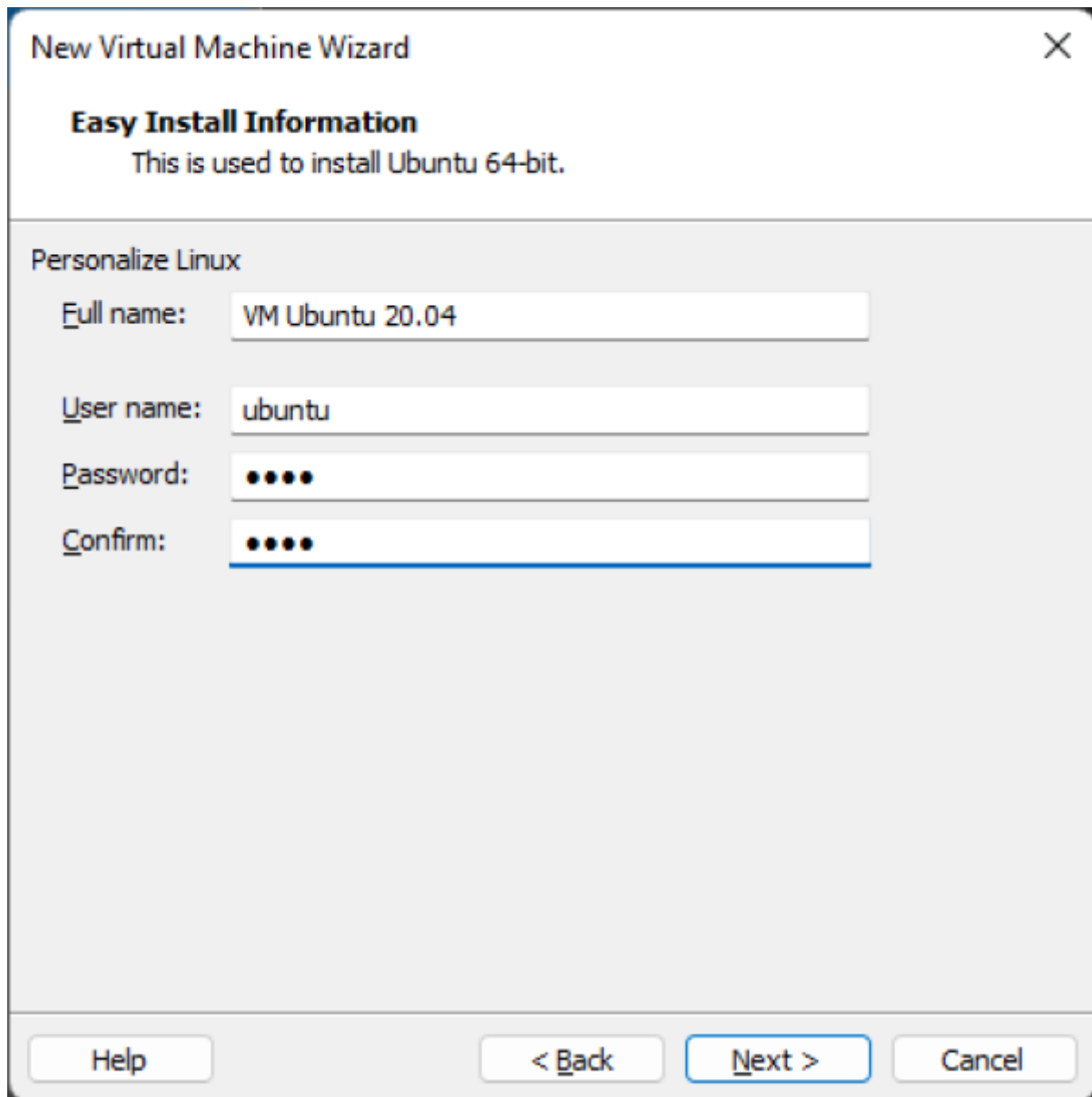
⇒ Select the installer disc image to continue.

☐ I will install the operating system later.

The virtual machine will be created with a blank hard disk.

Help < Back Next > Cancel

Fill in the information that your virtual machine will have and press **Next**.



New Virtual Machine Wizard

**Easy Install Information**  
This is used to install Ubuntu 64-bit.

Personalize Linux

Full name: VM Ubuntu 20.04

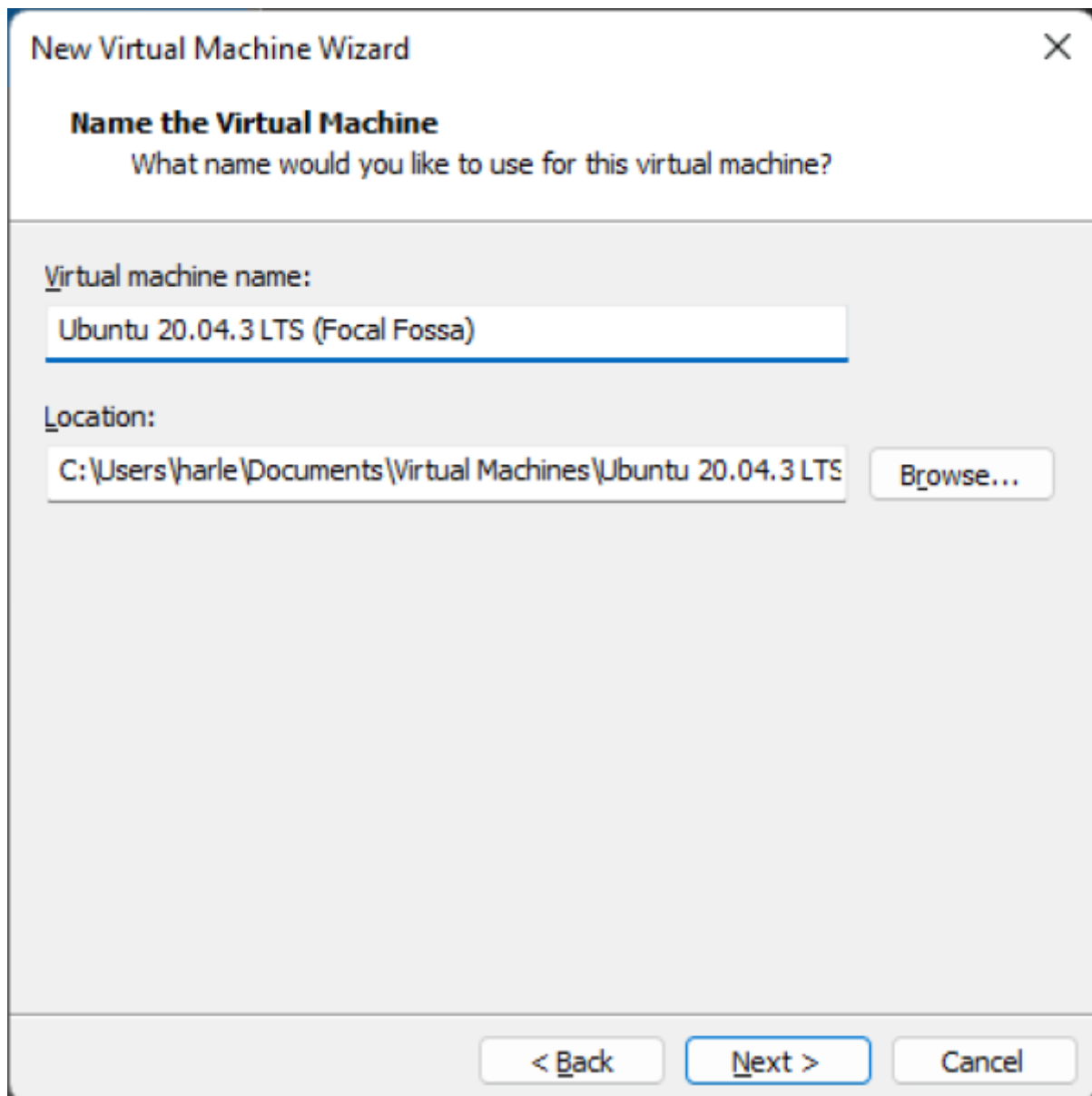
User name: ubuntu

Password: ●●●●

Confirm: ●●●●

Help < Back Next > Cancel

Give a name to the virtual machine, for example Ubuntu 20.04.3 LTS (Focal Fossa) and then press **Next**



The image shows a 'New Virtual Machine Wizard' dialog box. The title bar says 'New Virtual Machine Wizard' with a close button (X) on the right. The main heading is 'Name the Virtual Machine' with a subtitle 'What name would you like to use for this virtual machine?'. There are two input fields: 'Virtual machine name:' with the text 'Ubuntu 20.04.3 LTS (Focal Fossa)' and 'Location:' with the text 'C:\Users\harle\Documents\Virtual Machines\Ubuntu 20.04.3 LTS'. A 'Browse...' button is next to the location field. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a blue border.

New Virtual Machine Wizard

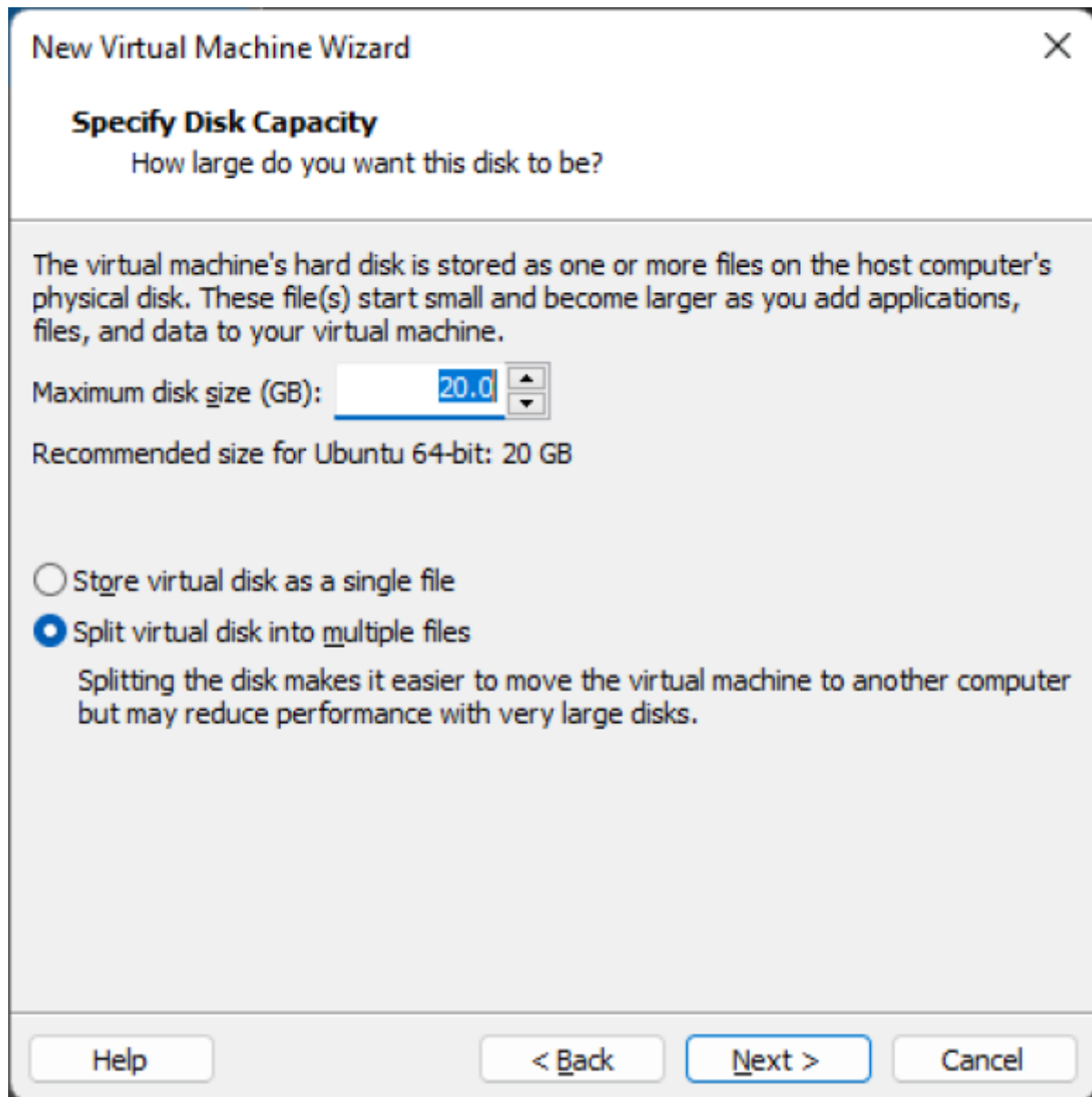
**Name the Virtual Machine**  
What name would you like to use for this virtual machine?

Virtual machine name:  
Ubuntu 20.04.3 LTS (Focal Fossa)

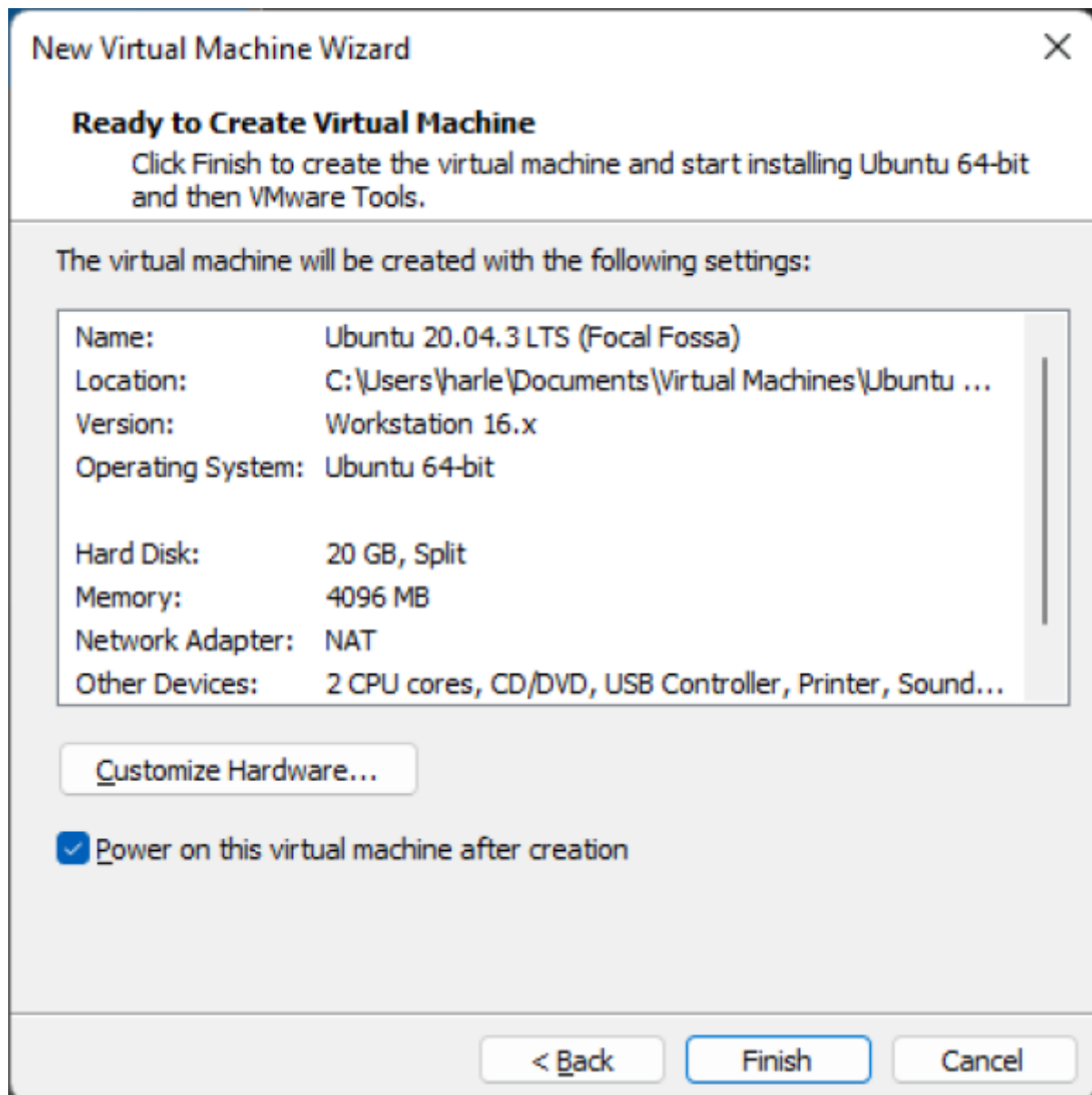
Location:  
C:\Users\harle\Documents\Virtual Machines\Ubuntu 20.04.3 LTS Browse...

< Back Next > Cancel

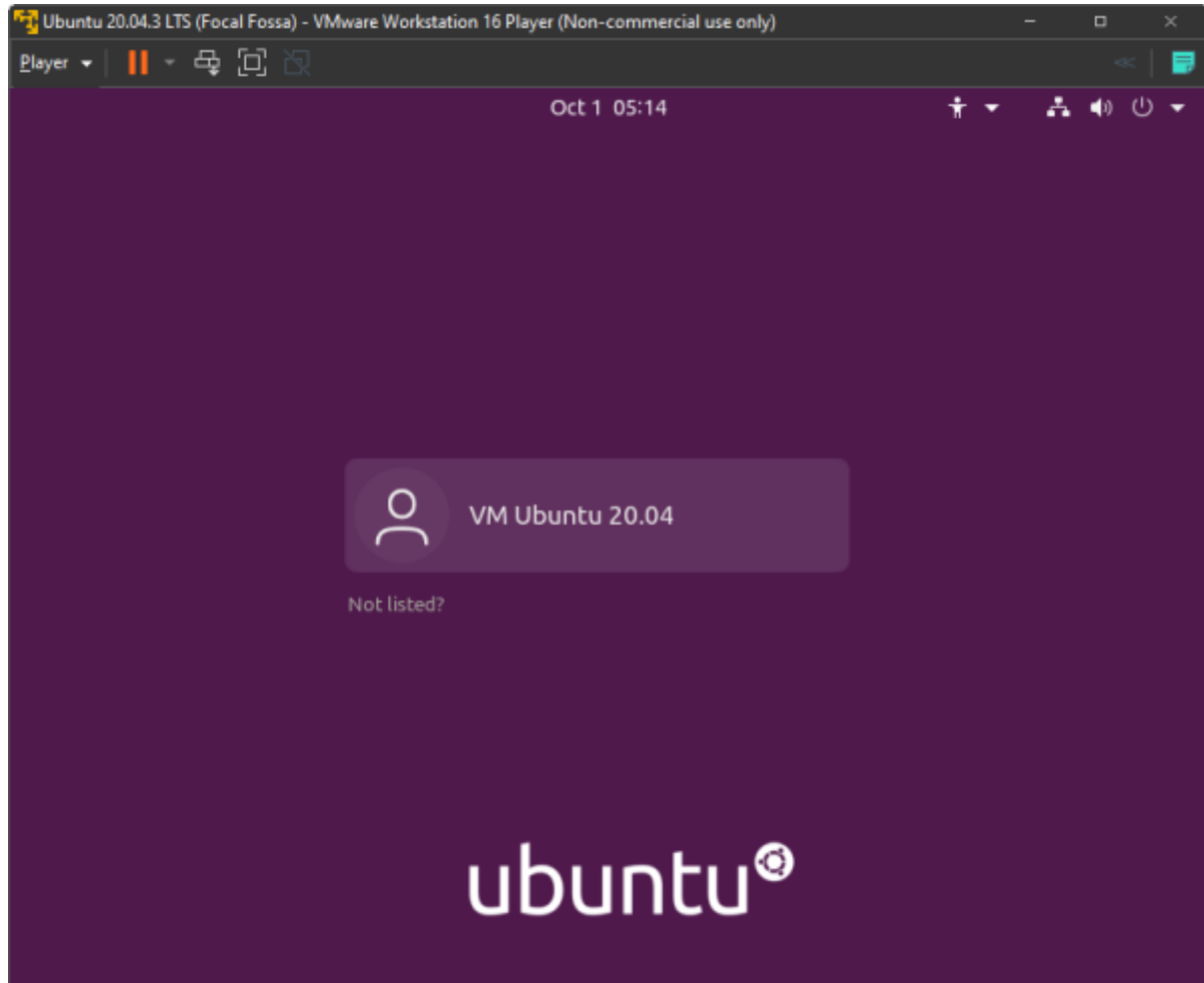
Keep the next window as it is and press **Next**.



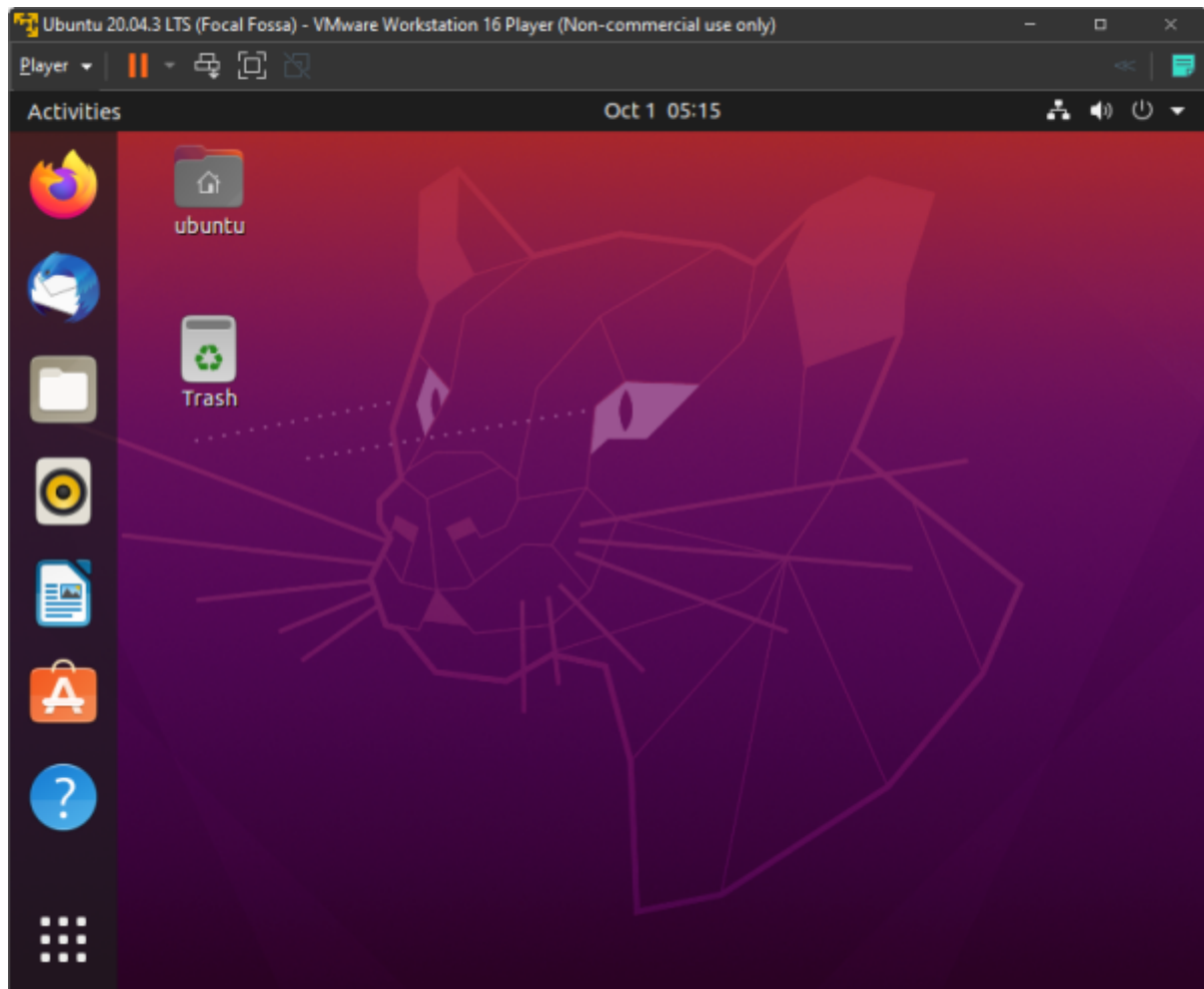
In the next window VMware Workstation Player adjusts the settings based on your computer so there is no need to change anything unless you know exactly what you are doing. Finally press **Finish**.



VMware will take care of configuring the operating system installation, so just wait until it is complete, you will see something like this.



At this point the virtual machine is ready for you to start familiarizing yourself with the environment and the user interface.



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Last update: **2023/01/05 14:38**

