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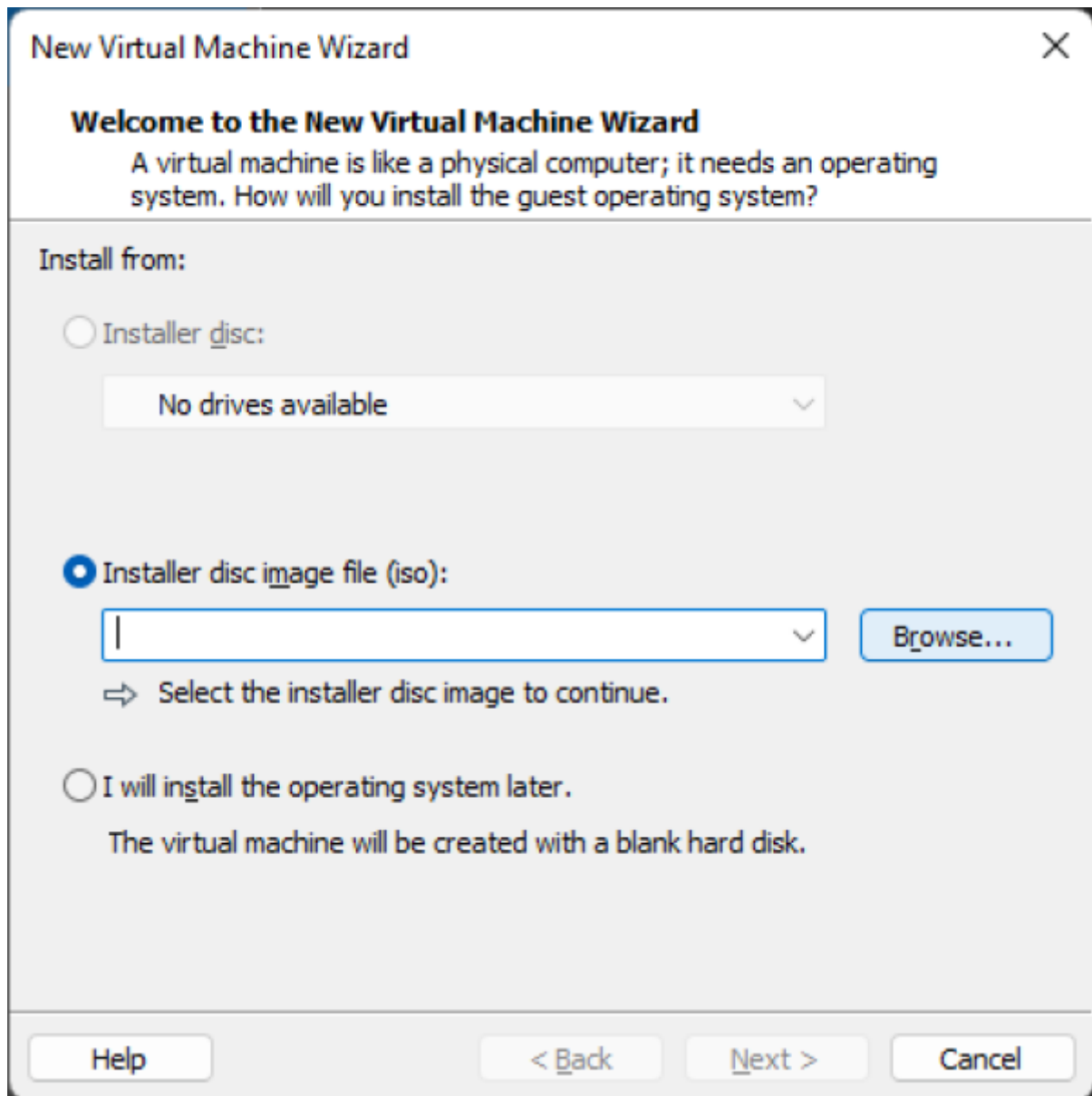
The next step is to download Ubuntu 20.04, you can do it directly from this link (this step applies to Windows and Mac users).

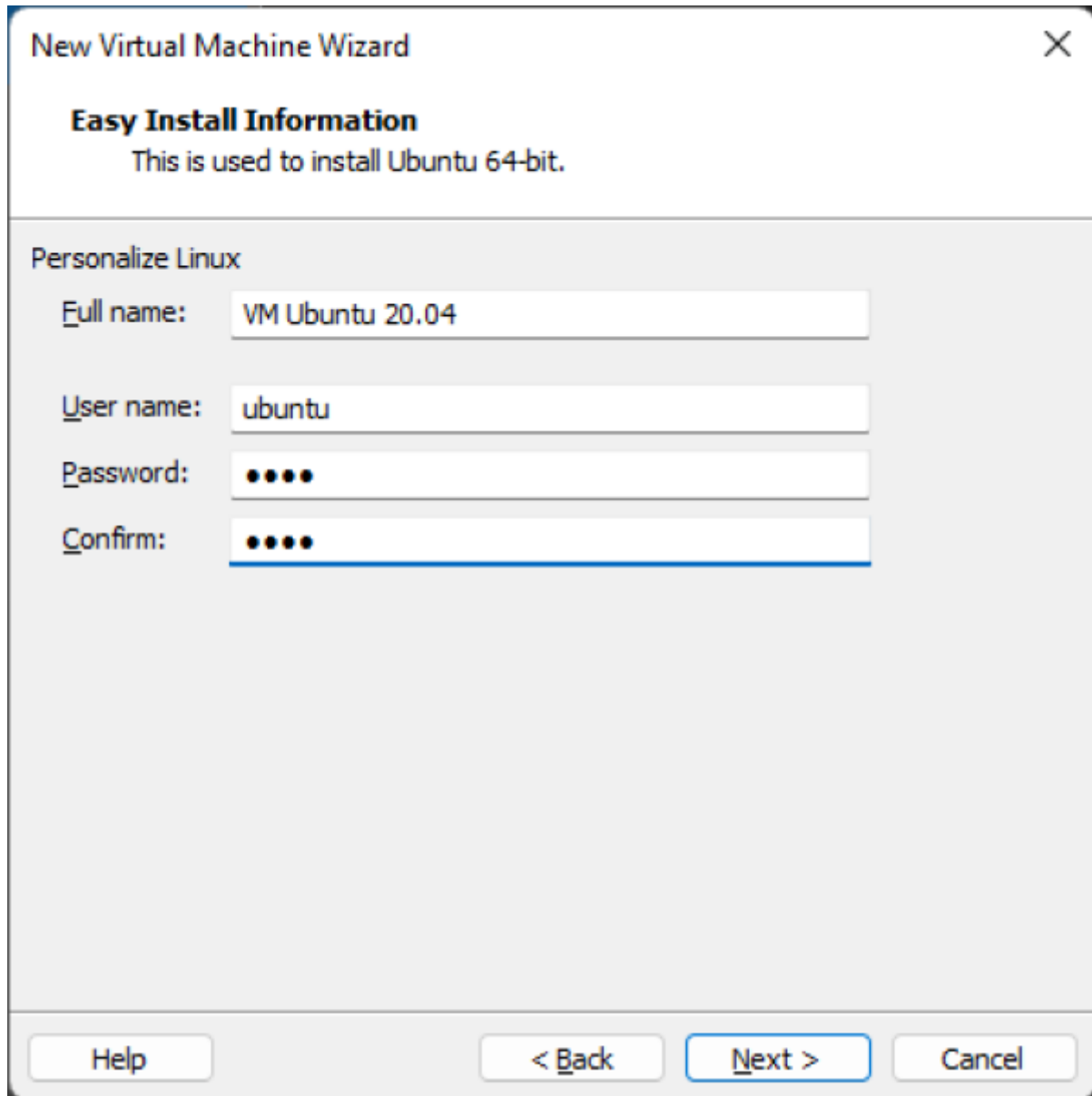## Setup VMware and Ubuntu (Windows users)

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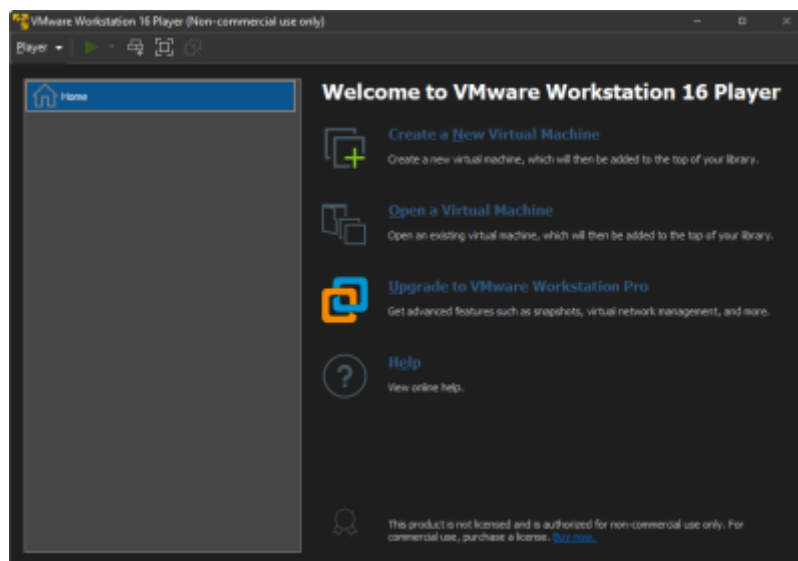
In the interface click on **Create a New Virtual Machine**, this will open a window where you must check **Installer disc image file (iso)**, press the button **Browse**, browse and select the Ubuntu 20.04 file you downloaded earlier (usually called *ubuntu-20.04.3-desktop-amd64.iso*), then press **Next**.

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: ●●●●

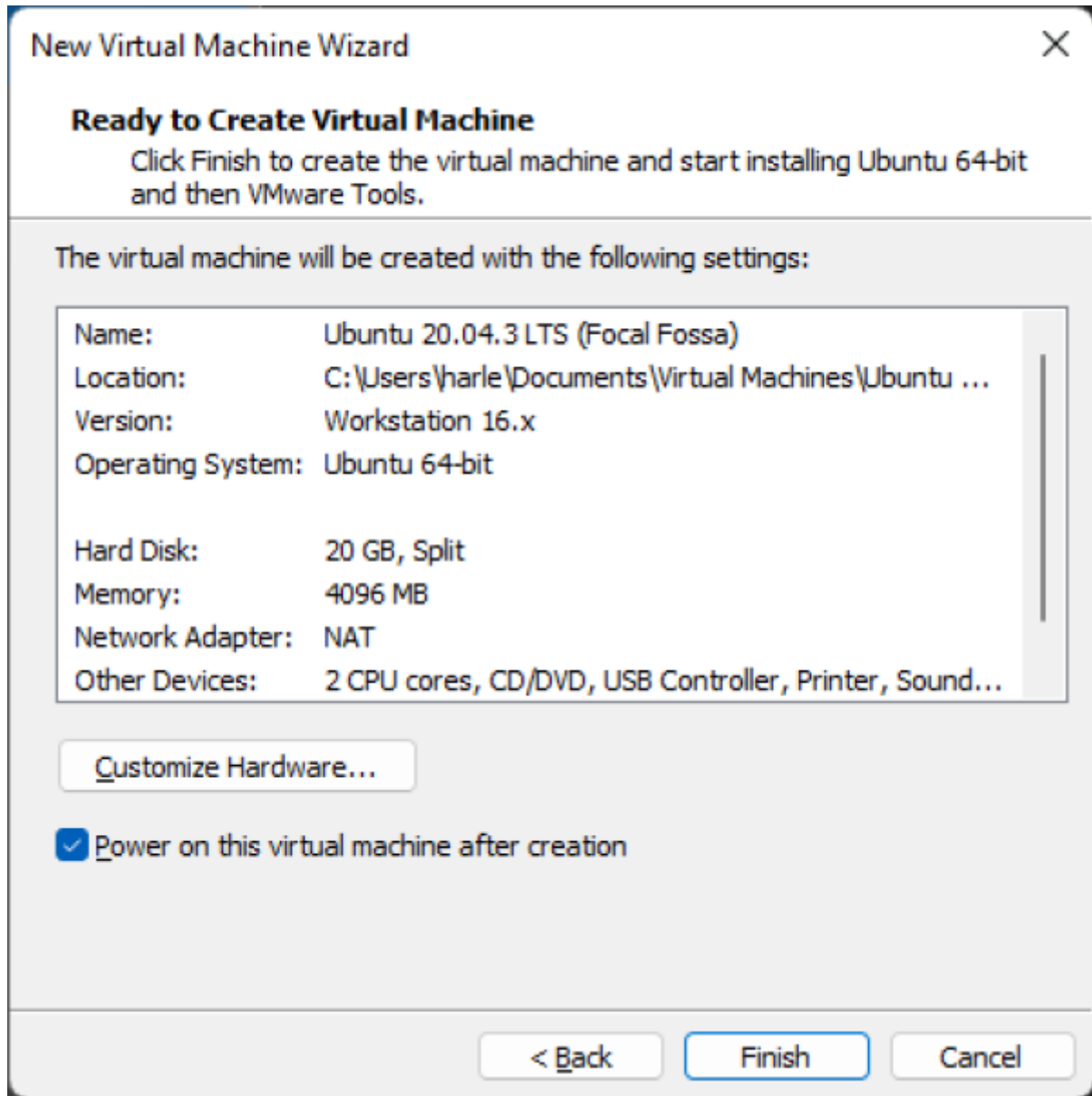Help < Back Next > Cancel

Give a name to the virtual machine, for example Ubuntu 20.04.3 LTS (Focal Fossa) and then press
**Next**
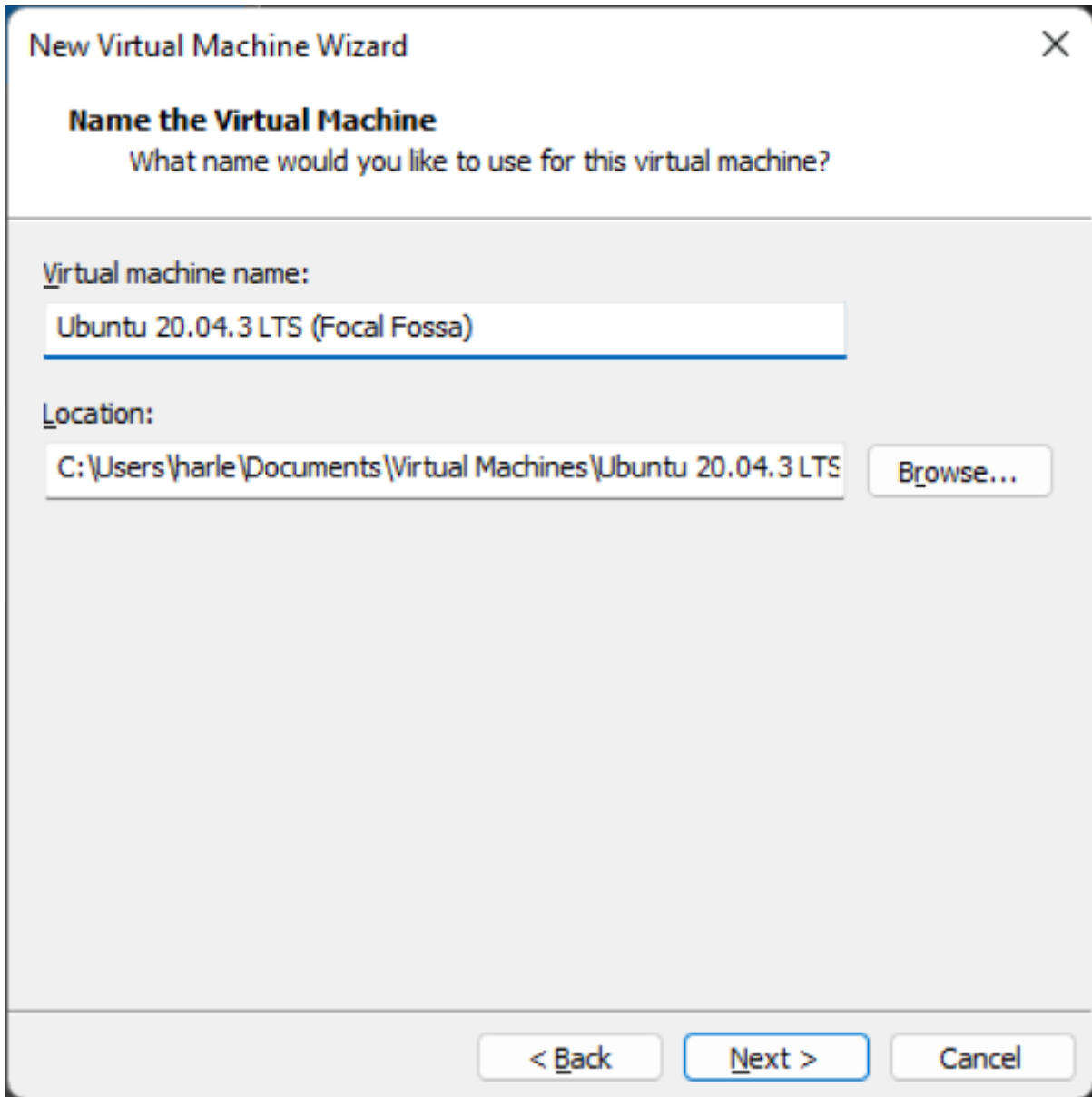
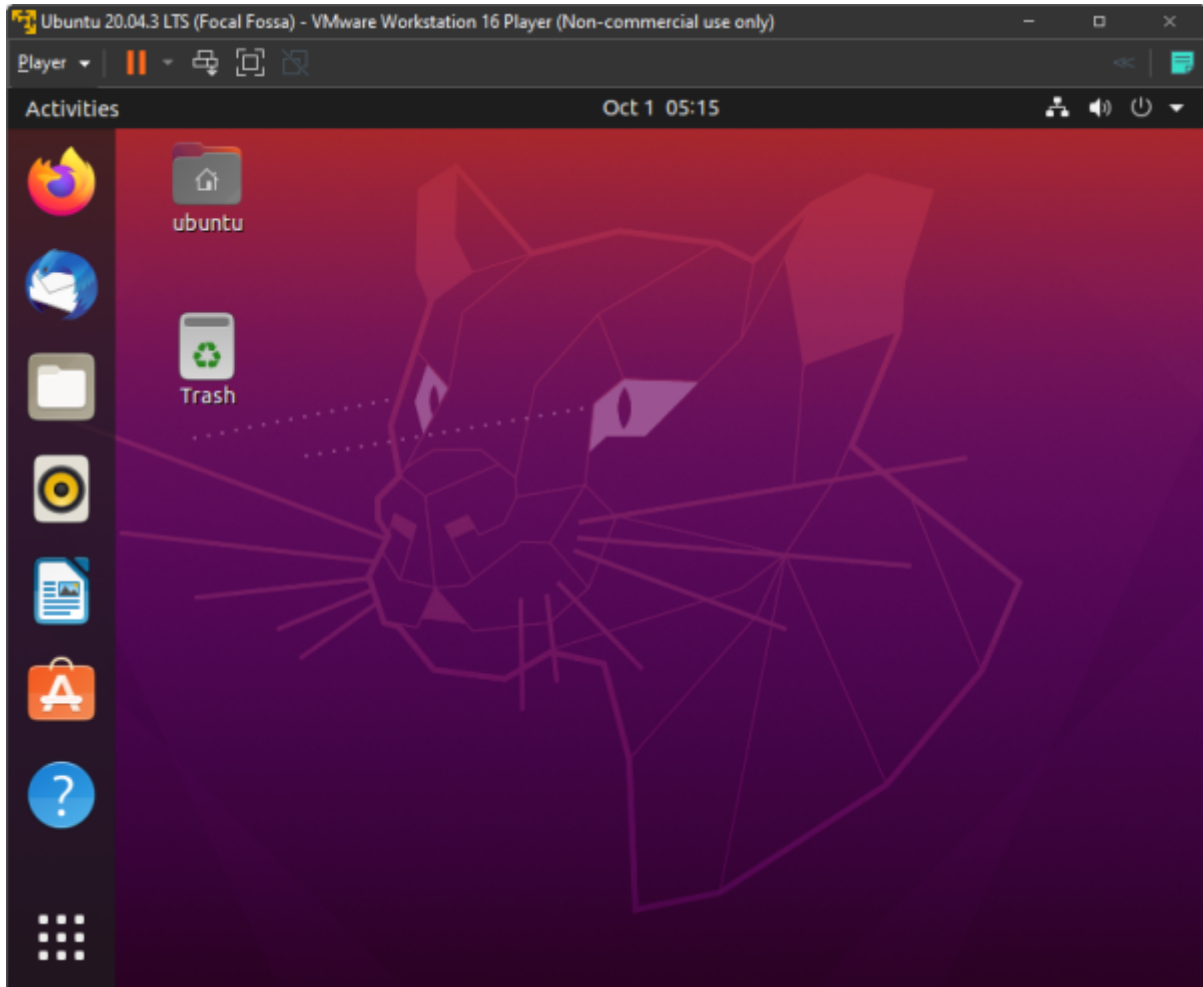Keep the next window as it is and press **Next**.
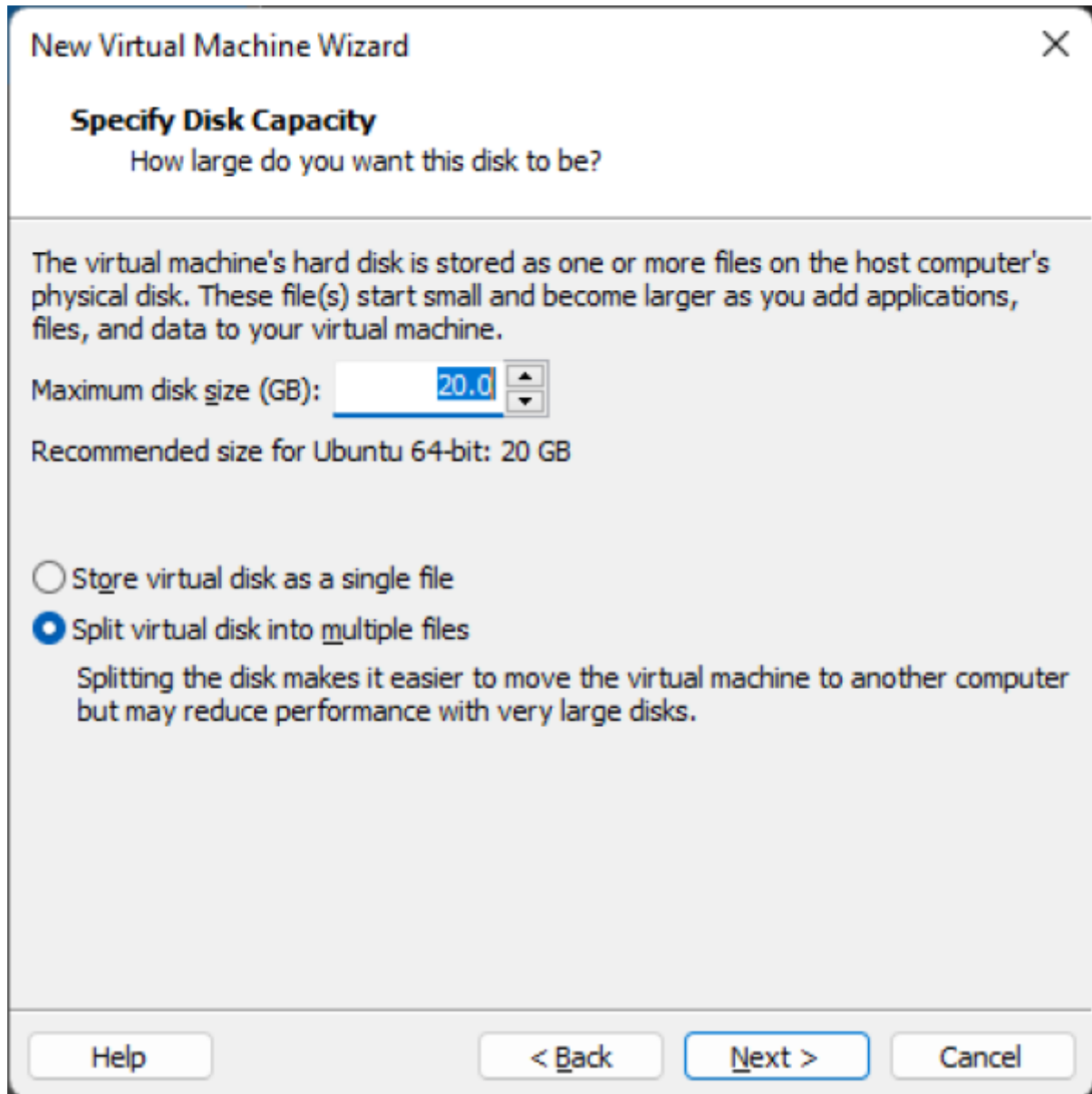
In the next window VMware Workstation Player adjusts the settings based on your computer so there is no need to change anything unless you know exactly what you are doing. Finally press **Finish**.

New Virtual Machine Wizard   ✕

Ready to Create Virtual Machine
Click Finish to create the virtual machine and start installing Ubuntu 64-bit and then VMware Tools.

The virtual machine will be created with the following settings:

Name:	Ubuntu 20.04.3 LTS (Focal Fossa)
Location:	C:\Users\harle\Documents\Virtual Machines\Ubuntu ...
Version:	Workstation 16.x
Operating System:	Ubuntu 64-bit
Hard Disk:	20 GB, Split
Memory:	4096 MB
Network Adapter:	NAT
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Printer, Sound...

Customize Hardware...

☑ Power on this virtual machine after creation

< Back   Finish   Cancel

VMware will take care of configuring the operating system installation, so just wait until it is complete, you will see something like this.
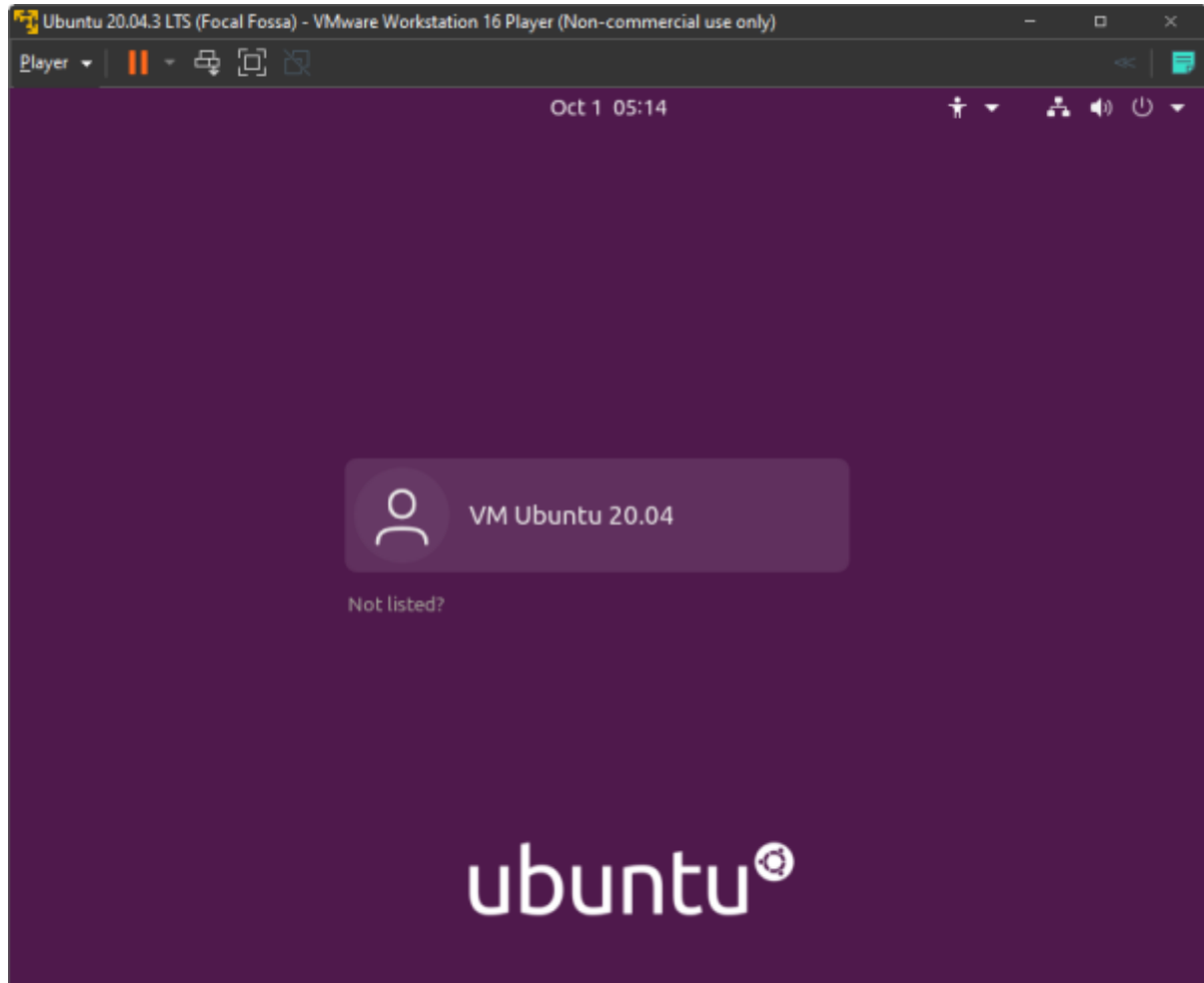
At this point the virtual machine is ready for you to start familiarizing yourself with the environment and the user interface.

From: