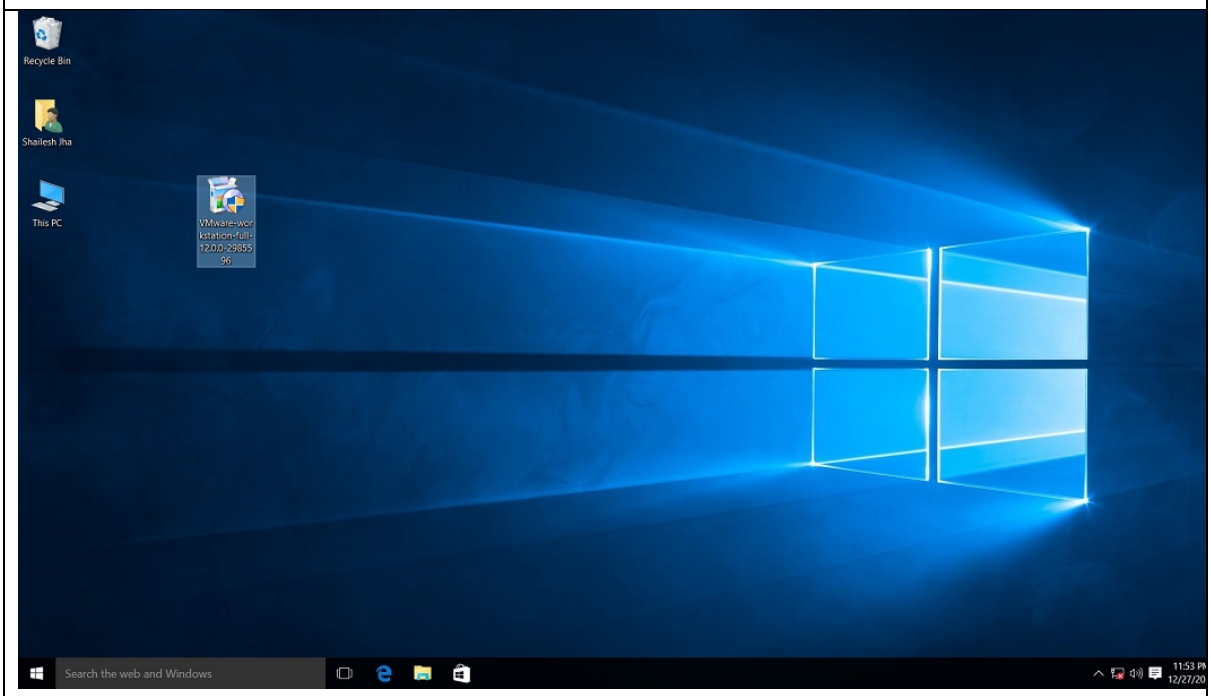
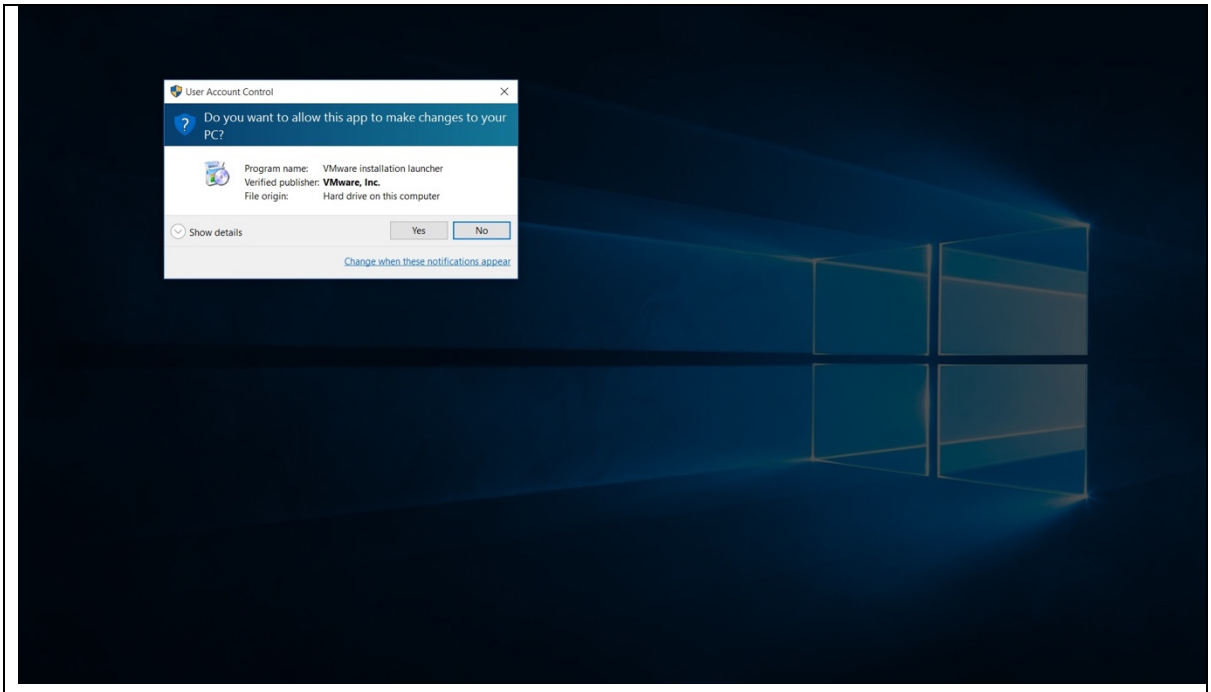
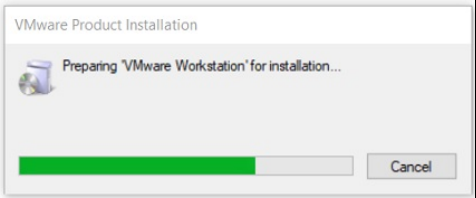
Installation of Virtual Platform and Create Virtual Machine

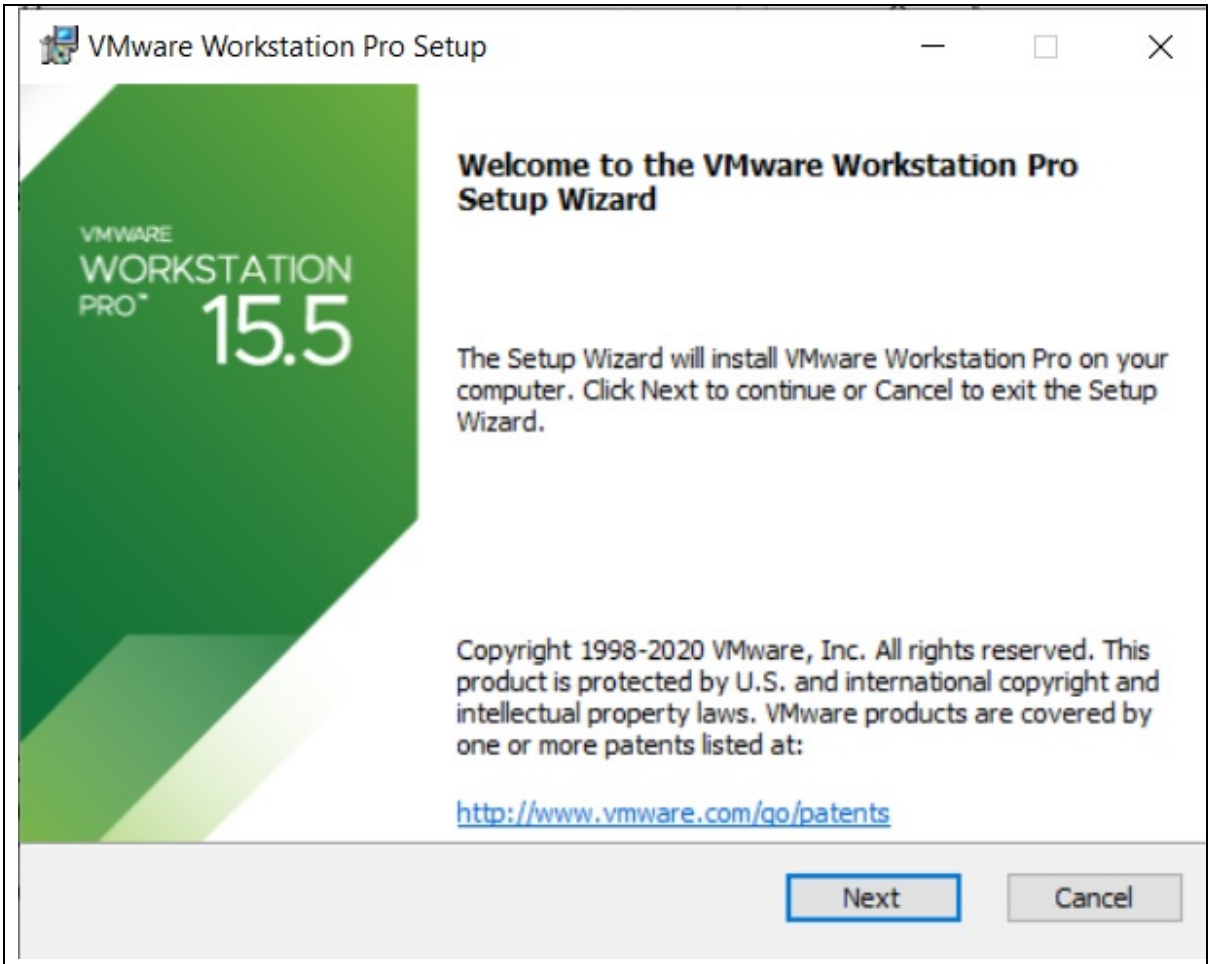
Installation of VMware Workstation 15 on Windows 10
Before you start installing VMware Workstation Pro, please enable AMD-v if you're using AMD processor or VT-x/VT-d if you're Intel processor from the BIOS of your computer. Otherwise, VMware Workstation Pro 15 may not work properly.
Download the .exe file and locate the file.

Double Click on the .exe file and User Access Control (UAC) warning will appear. Click yes to continue.



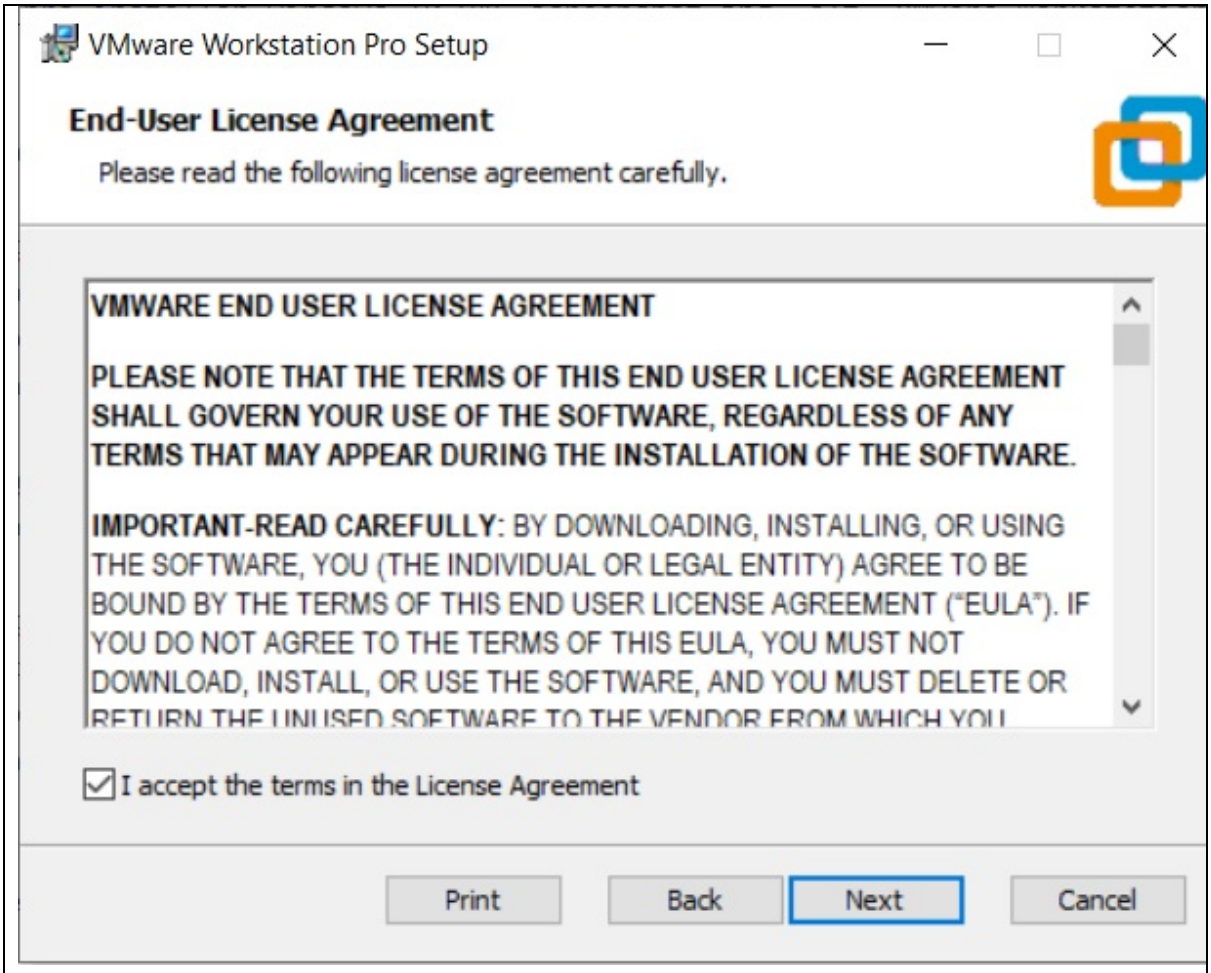
Initial Splash screen will appear. Wait for the process to complete.



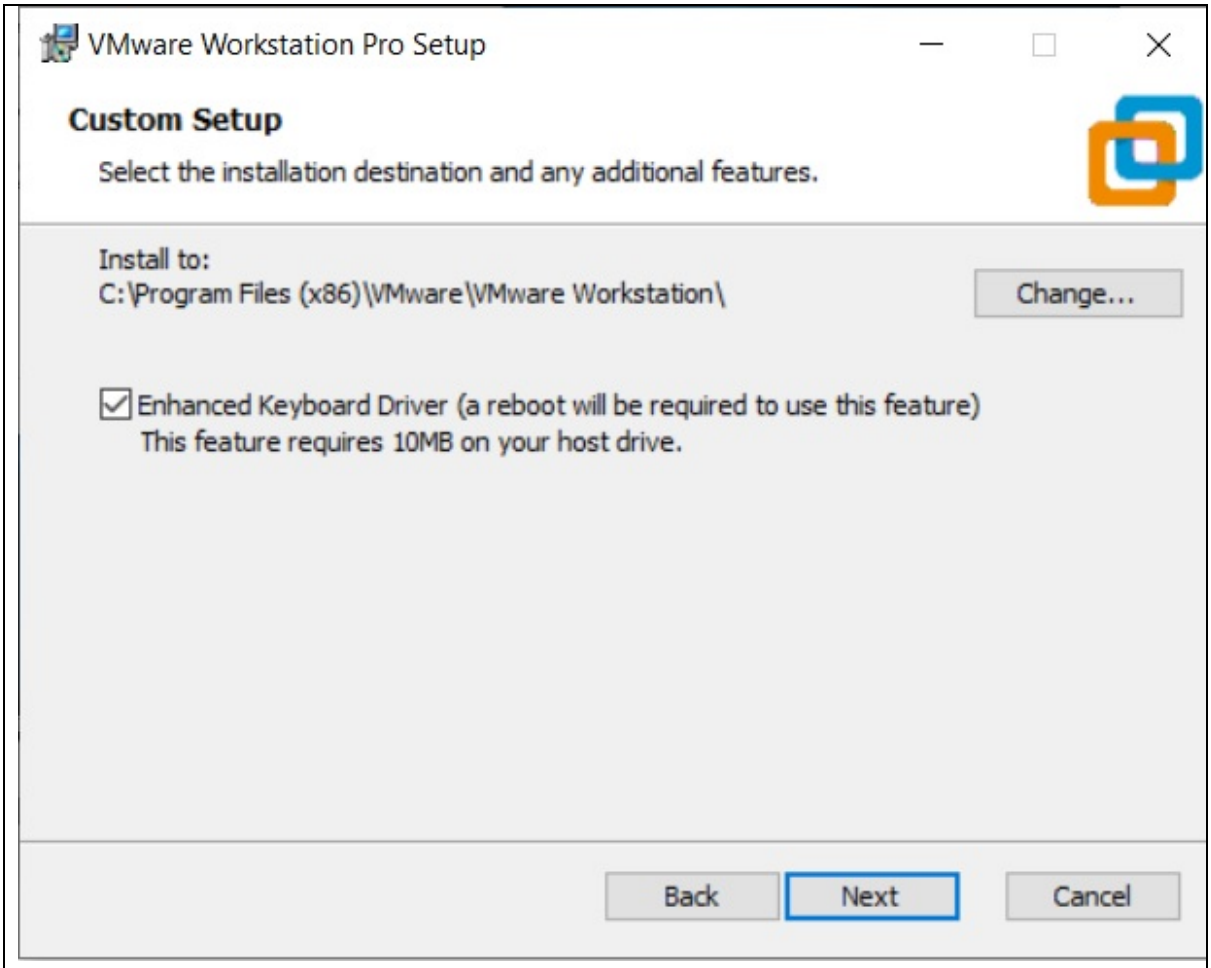
VMware Workstation setup dialogue will appear and click next to continue



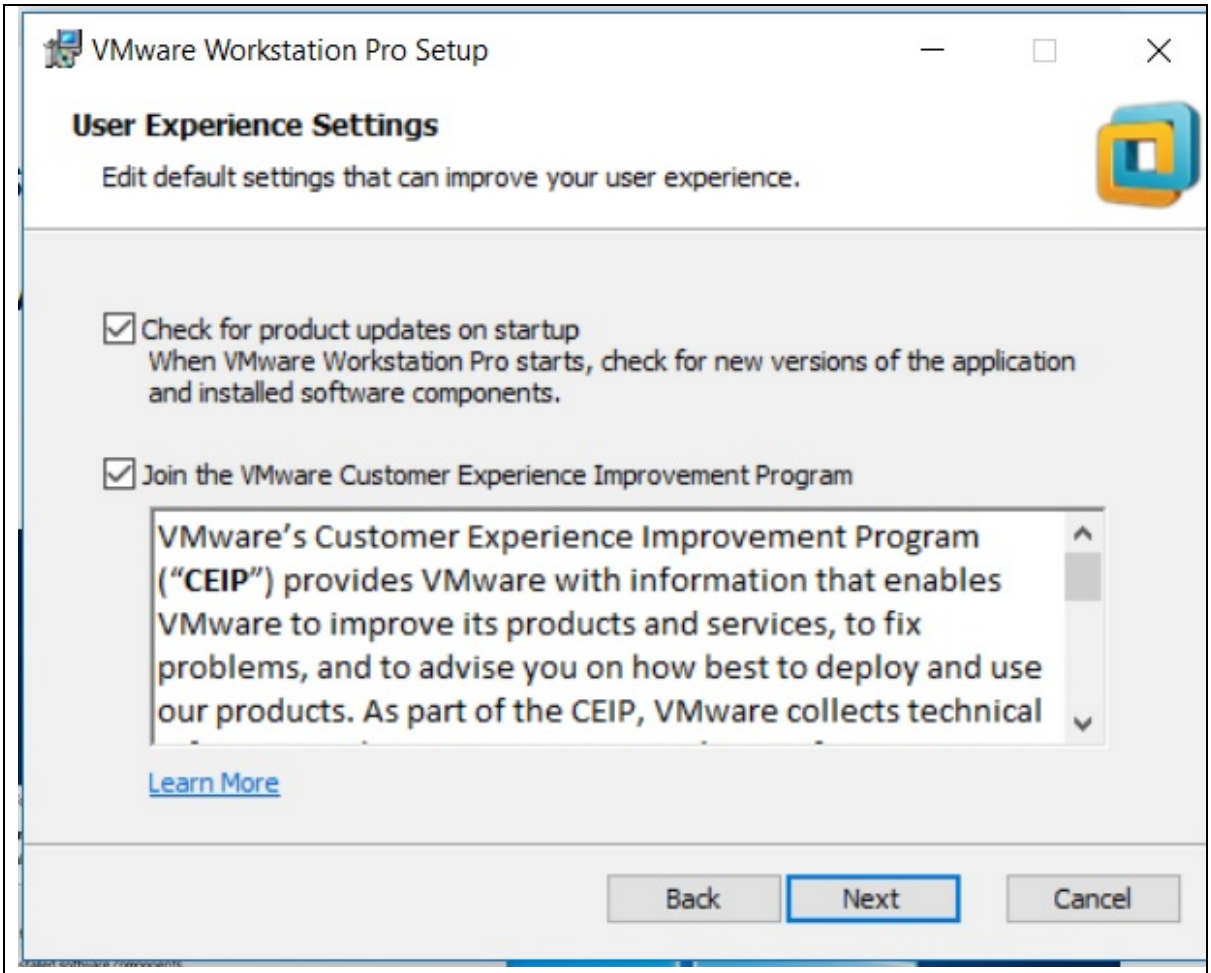
This time you should see End User Licence Agreement dialog box. Check “I accept the terms in the Licence Agreement” box and press next to continue.



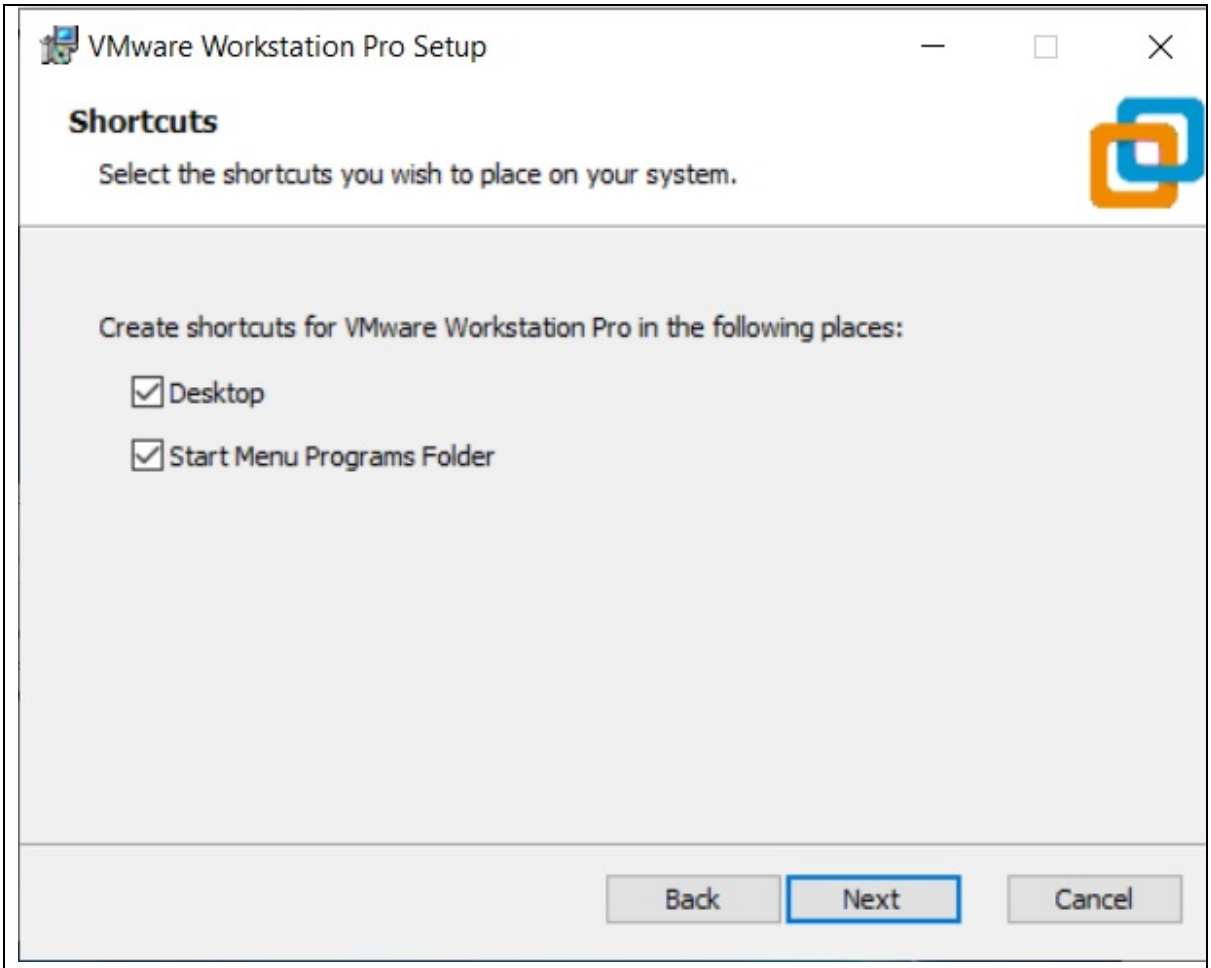
Select the folder in which you would like to install the application. There is no harm in leaving the defaults as it is. Also select Enhanced Keyboard Driver check box.



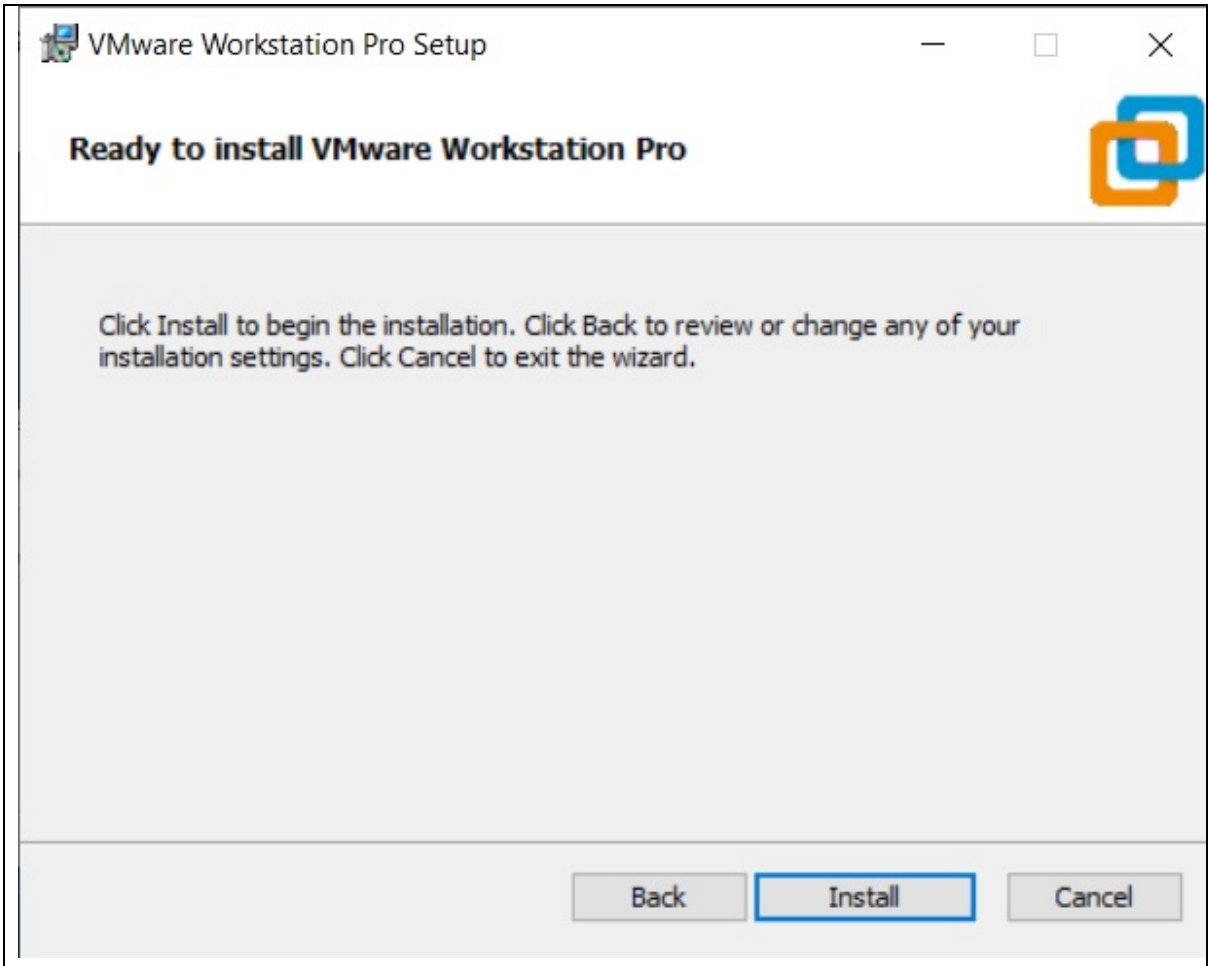
Next you are asked to select “Check for Updates” and “Help improve VMware Workstation Pro”. Do as you wish. I normally leave it to defaults that is unchecked.



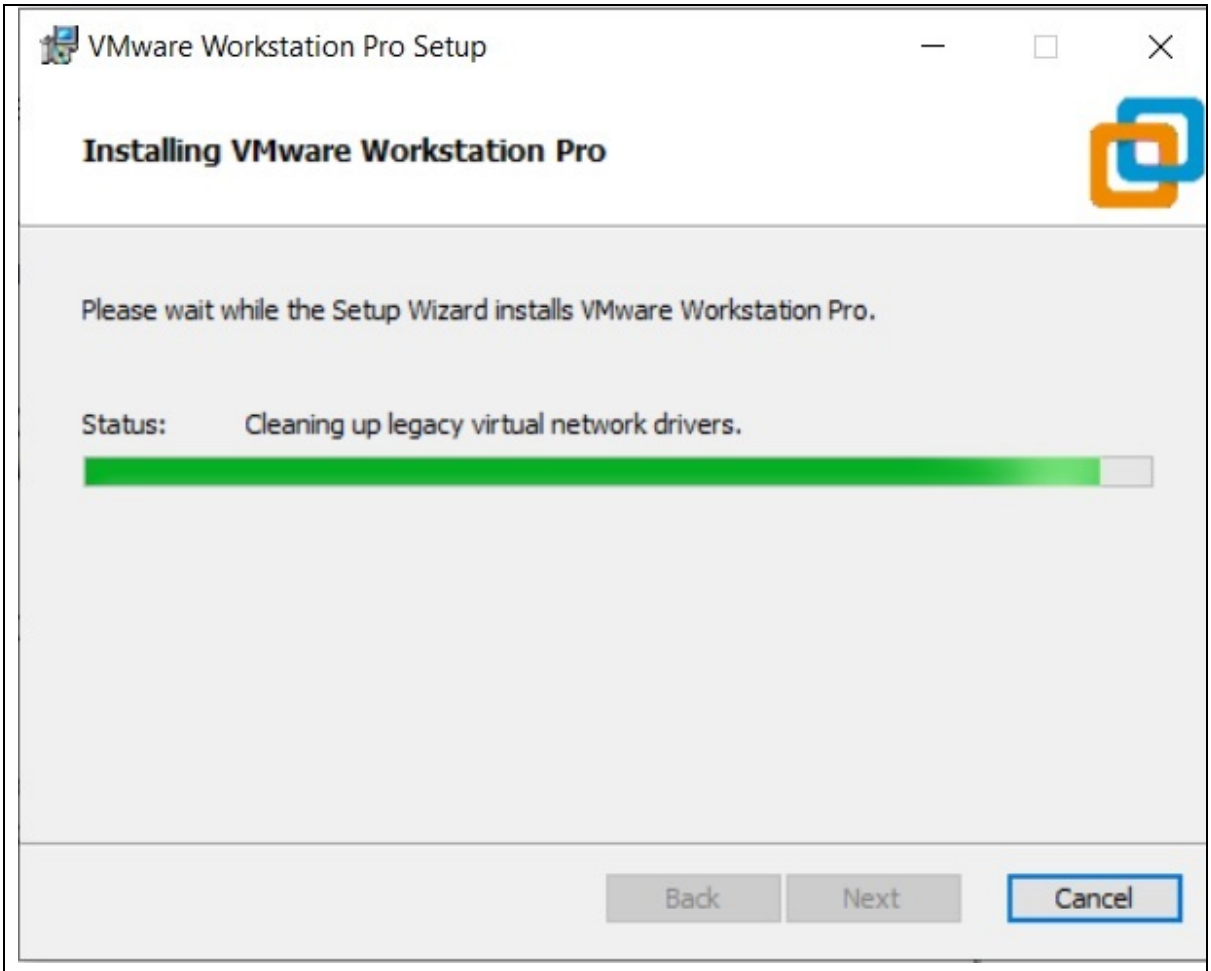
Next step is to select the place you want the shortcut icons to be placed on your system to launch the application. Please select both the options, desktop and start menu and click next.



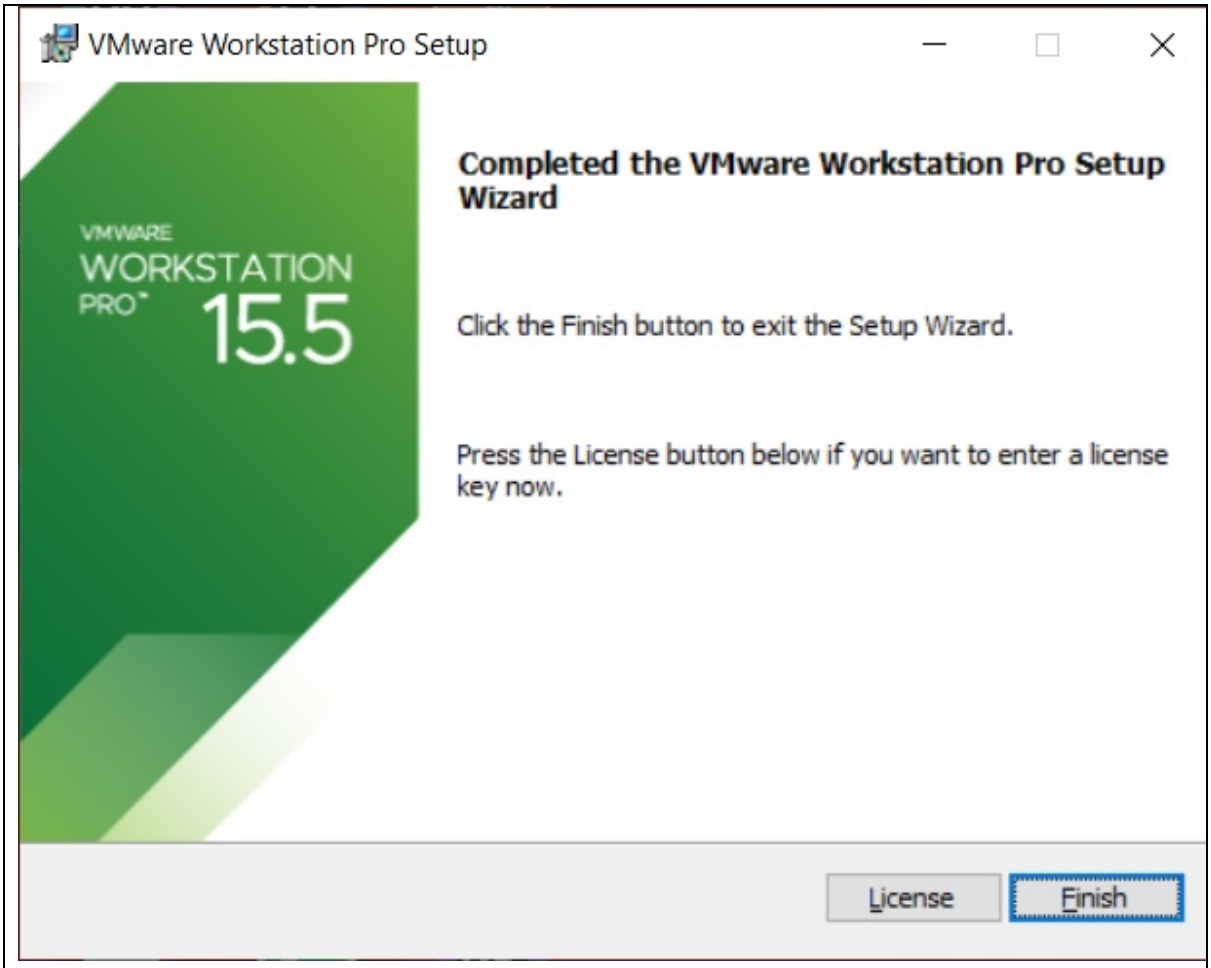
Now you see the begin installation dialog box. Click install to start the installation process.



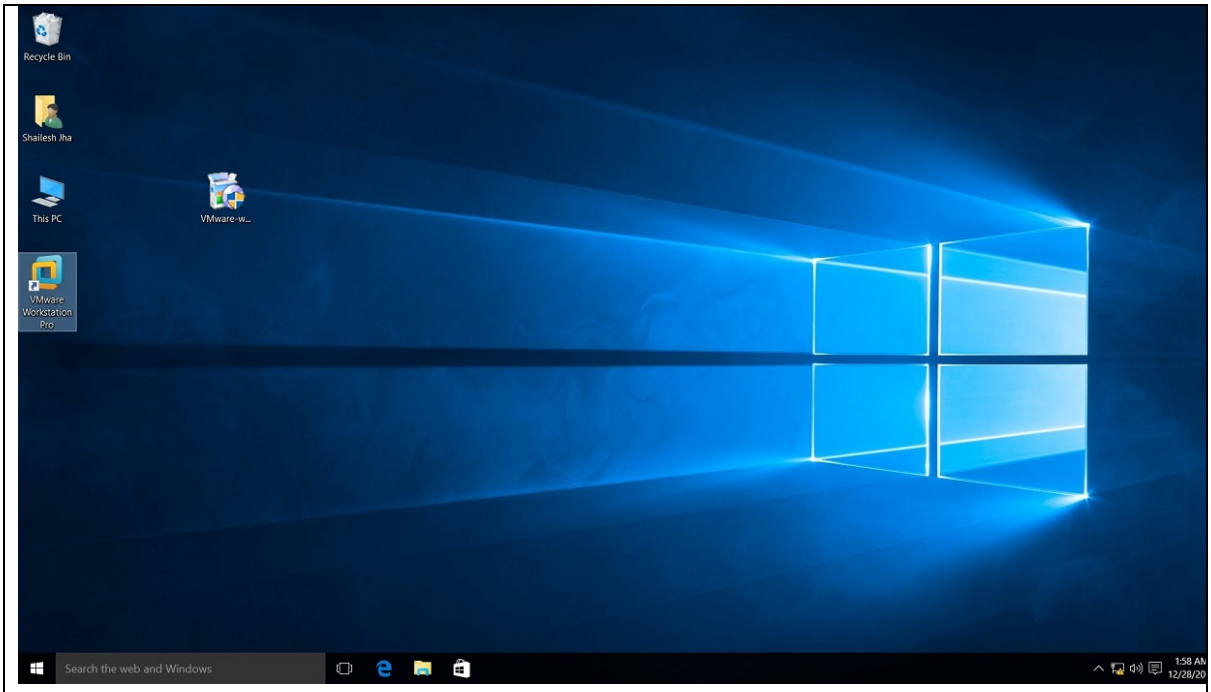
Below screenshot shows Installation in progress. Wait for this to complete.



At the end you will see installation complete dialog box. Click finish and you are done with the installation process. You may be asked to restart your computer. Click on Yes to restart.

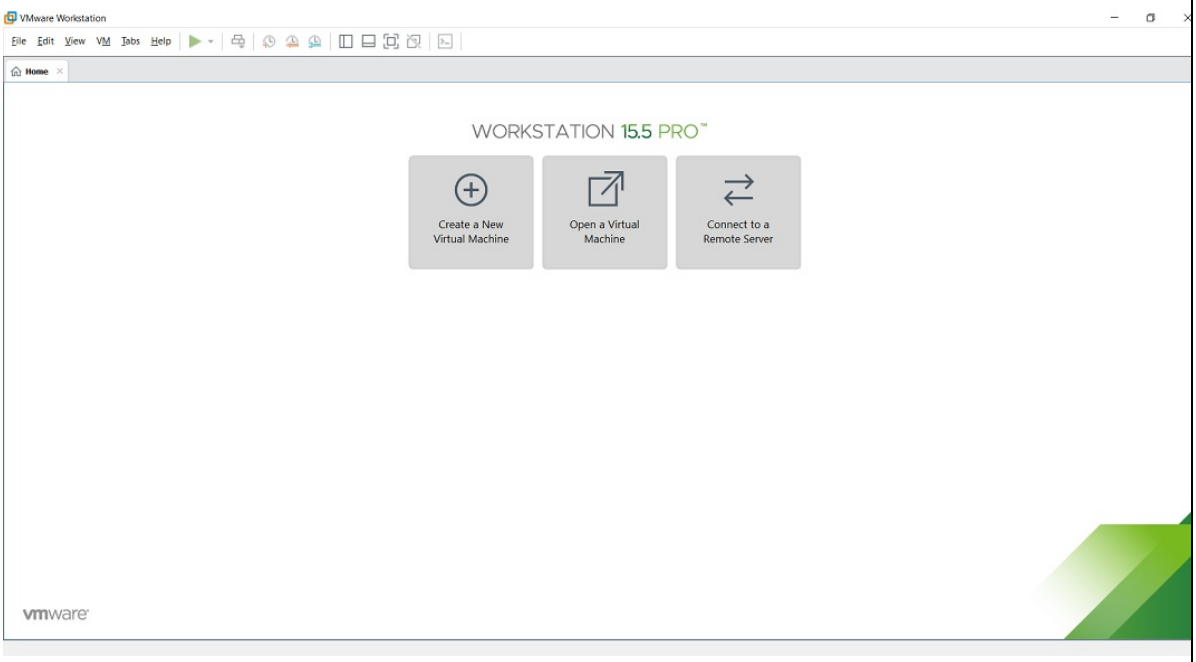


After the installation completes, you should see VMware Workstation icon on the desktop. Double click on it to launch the application.



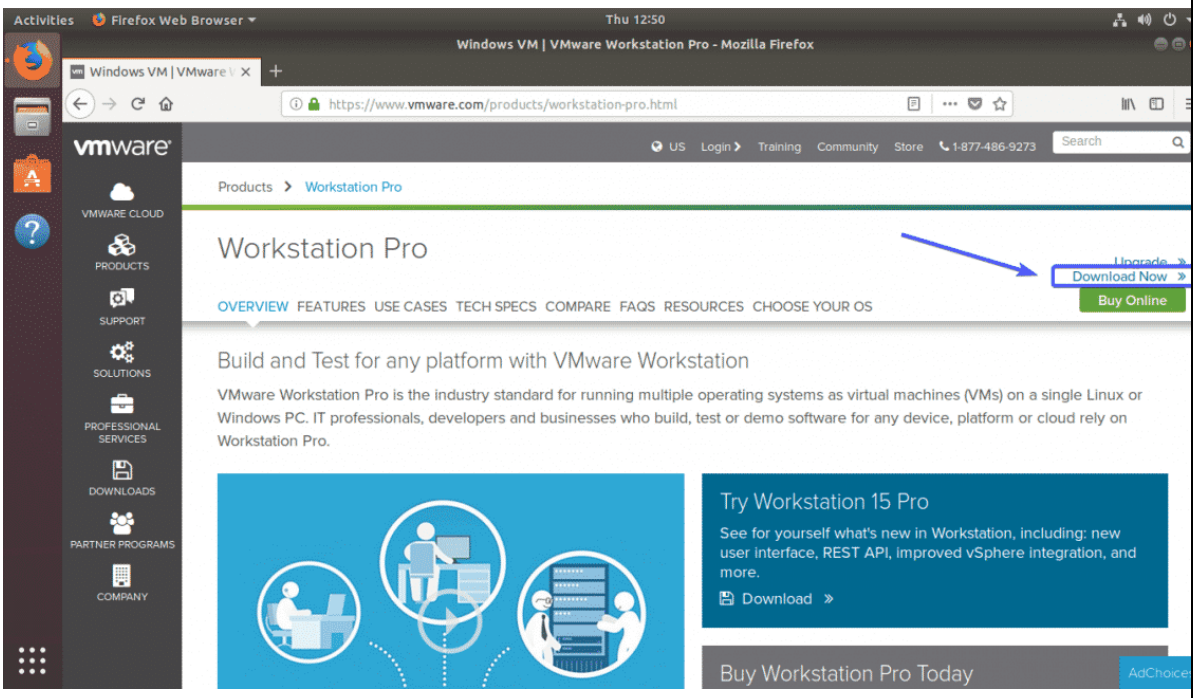
If you see the dialog box asking for licence key, click on trial or enter the licence key. If don't have the licence key, you will have 30 days trial. Click on trial to start your trial.

That’s it, you can start using VMware Workstation.

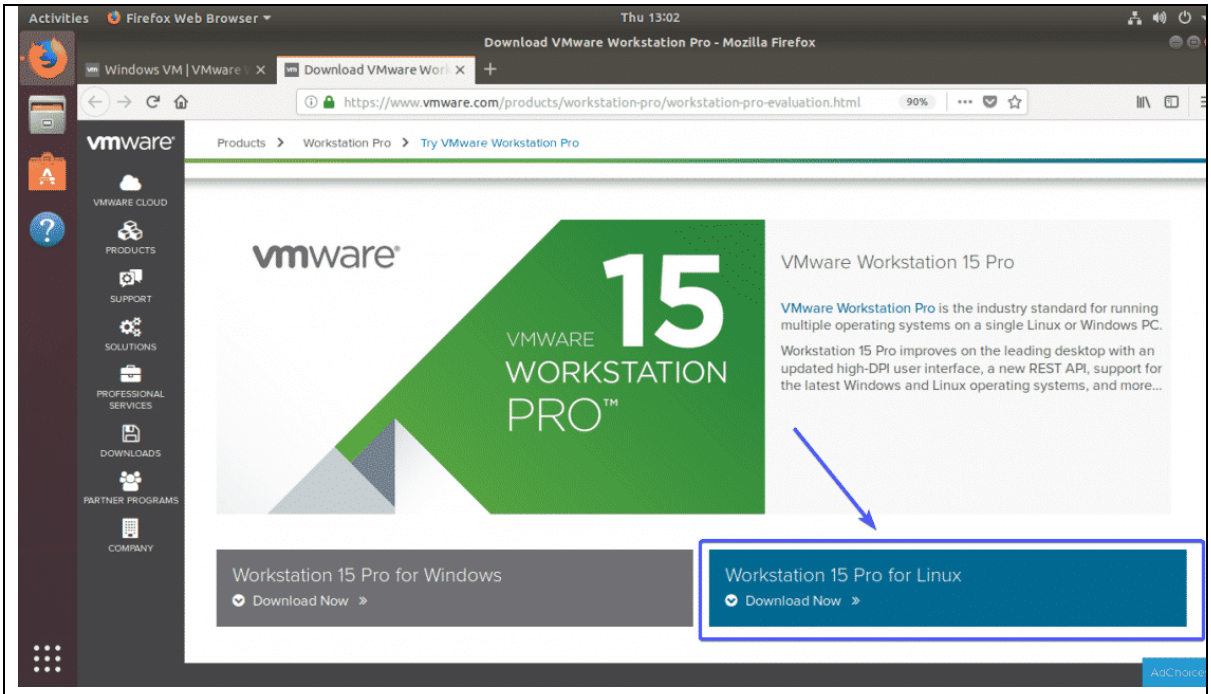


Installation of VMware Workstation 15 on Ubuntu 18.04 LTS

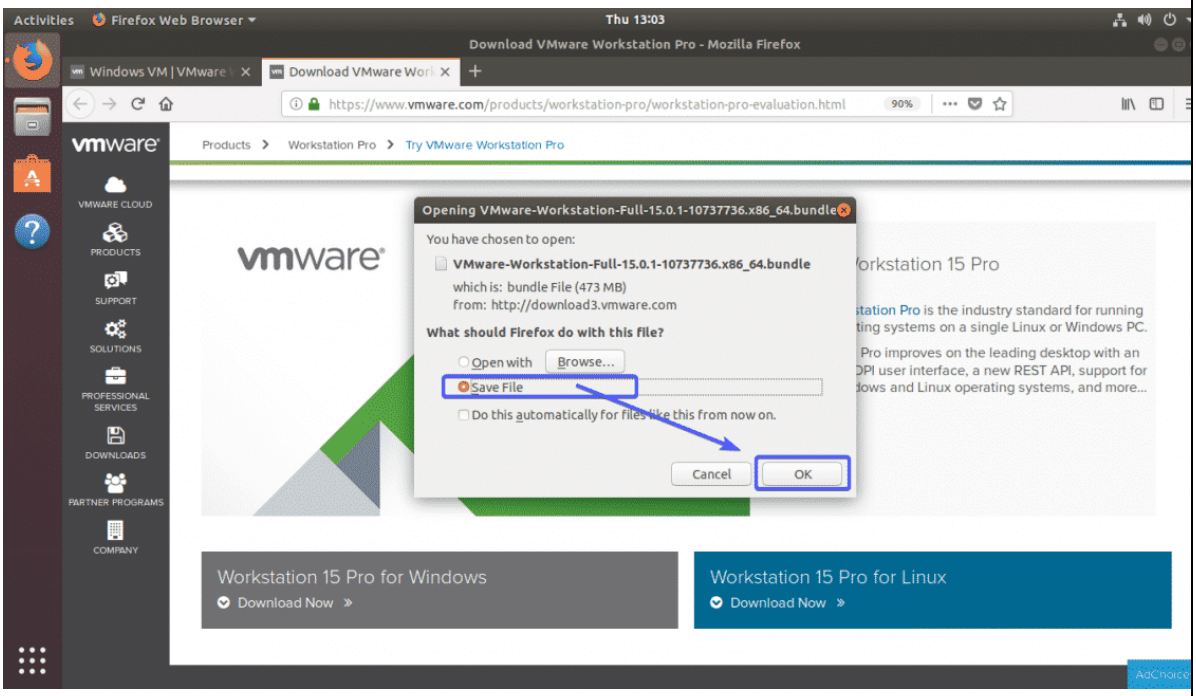
First, go to the official website of VMware Workstation Pro at https://www.vmware.com/in/products/workstation-pro.html and you should see the following page. Now, click on **Download Now >>** as marked in the screenshot below.



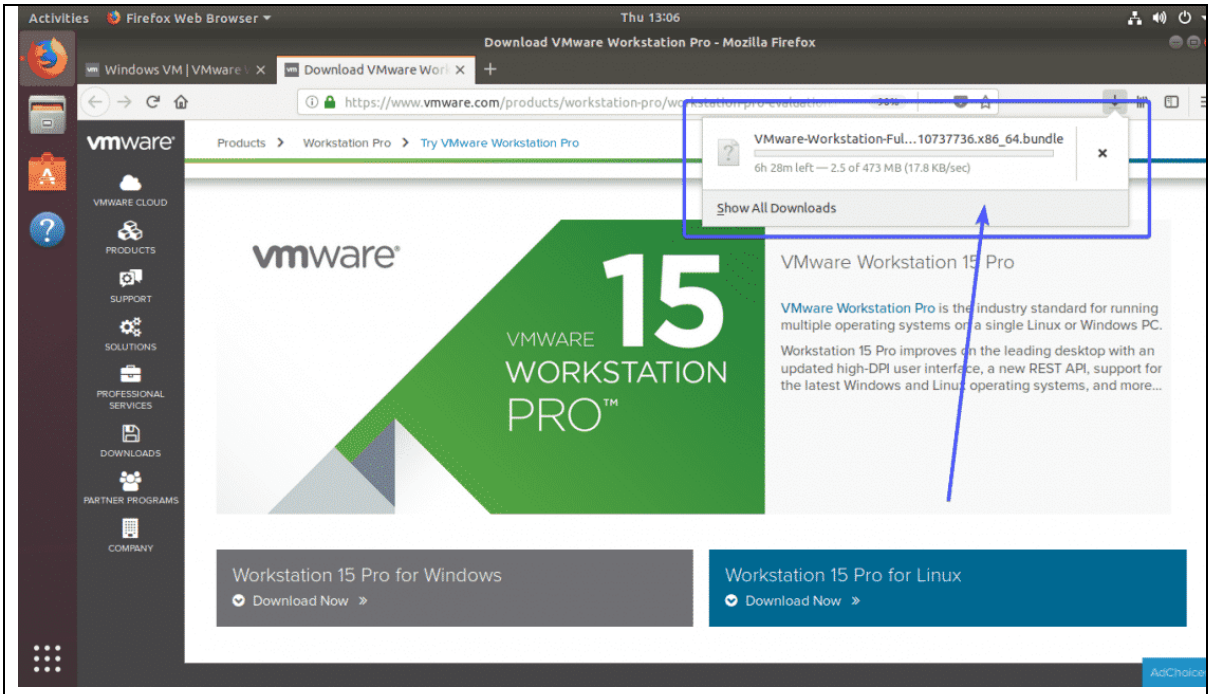
Now, you should see the following page. Click on the **Download Now >>** button of **Workstation 15 Pro for Linux** as marked in the screenshot below.



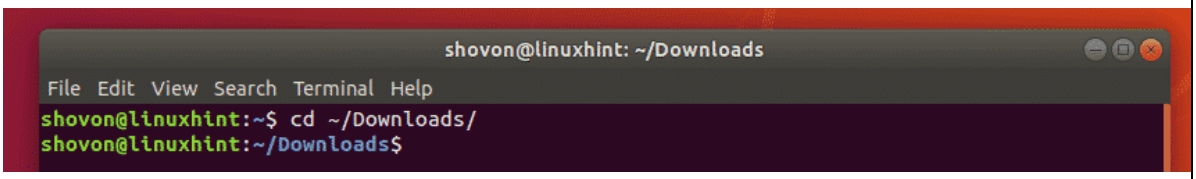
Your browser should prompt you to save the file. Just select **Save File** and click on **OK**.



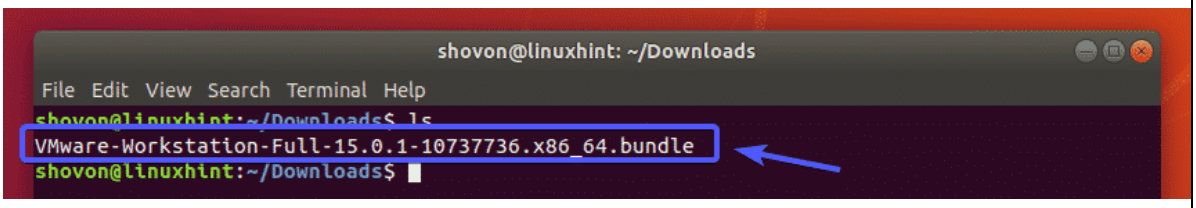
Your download should start.



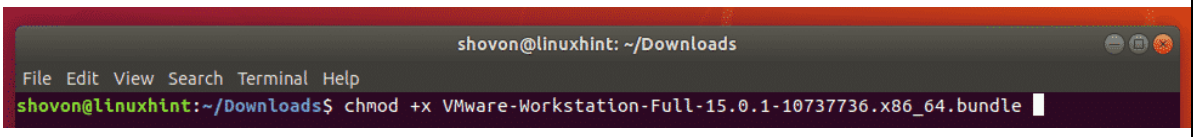
Once the download is complete, open up a Terminal (shortcut **<Ctrl>** + **t**) and navigate to the **~/Downloads** directory with the following command:



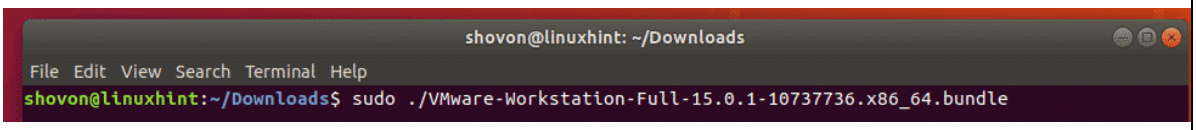
As you can see, the VMware Workstation Pro 15 installer that I just downloaded is here.



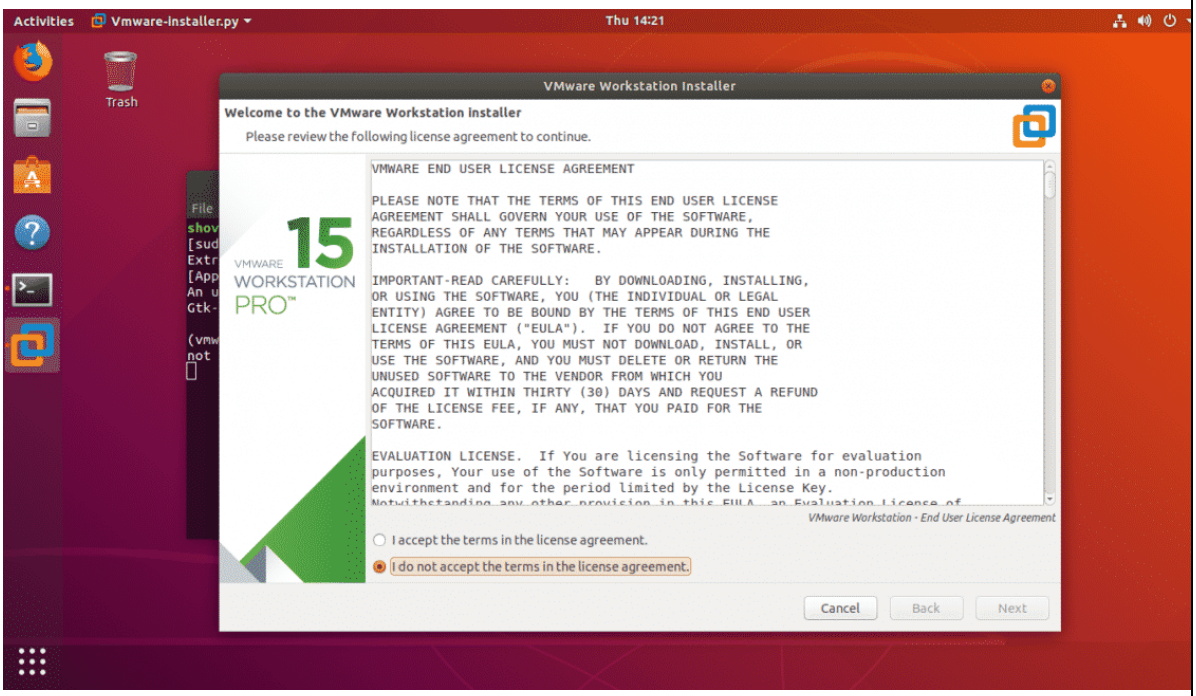
Now, make the installer executable with the following command:



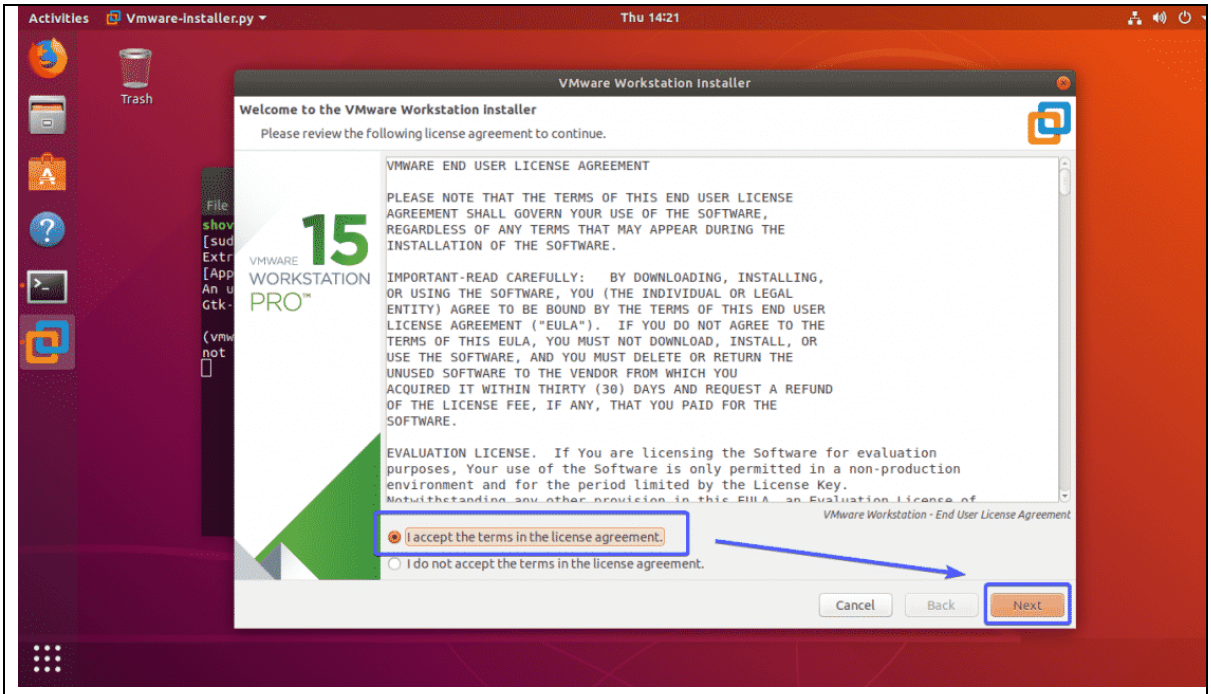
Now, run the VMware Workstation Pro 15 installer with the following command:



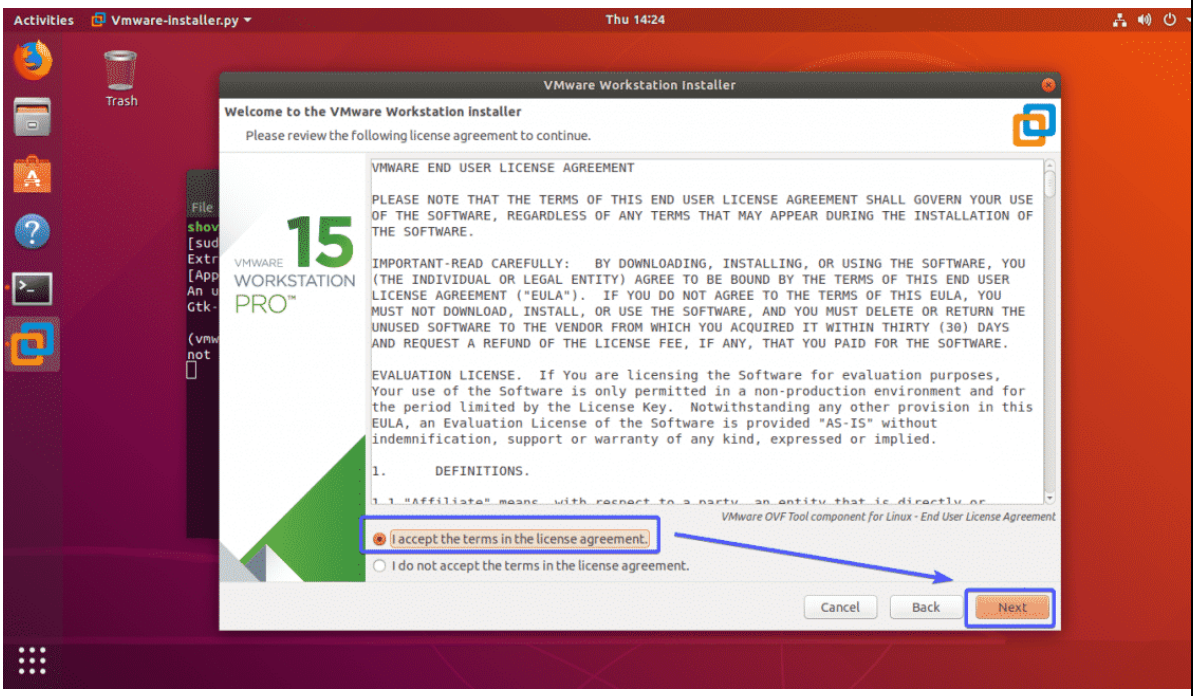
The VMware Workstation Pro 15 installer should start.



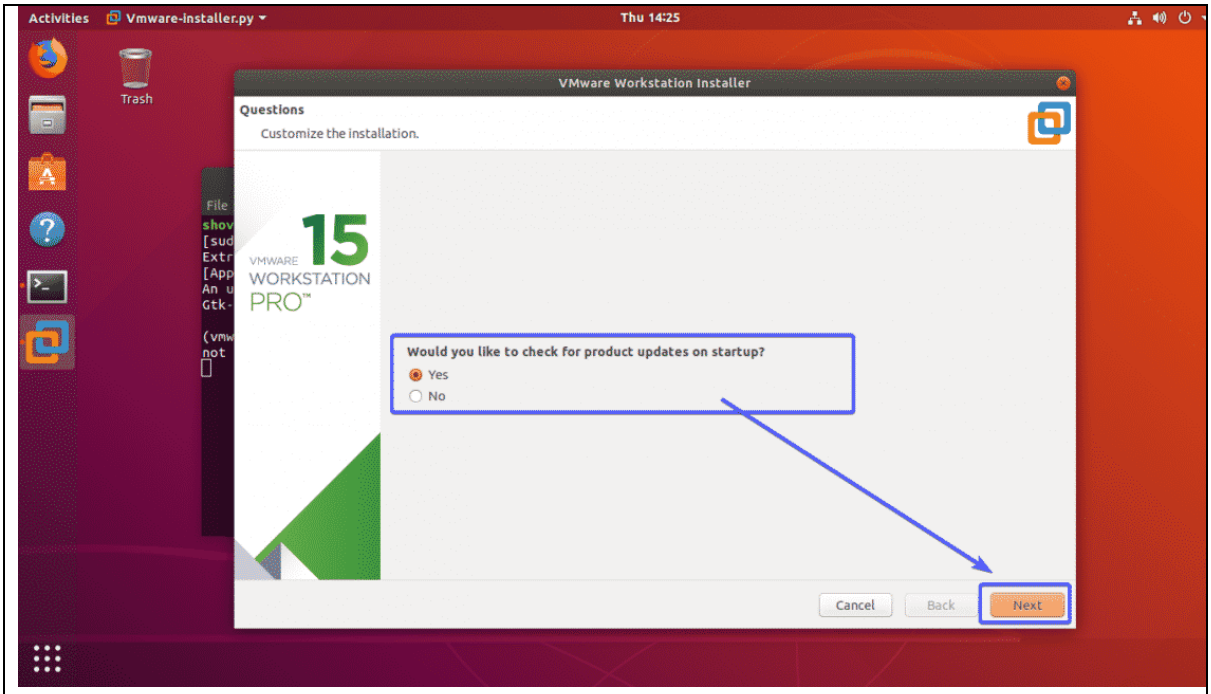
Select **I accept the terms in the license agreement** and then click on **Next** as marked in the screenshot below.



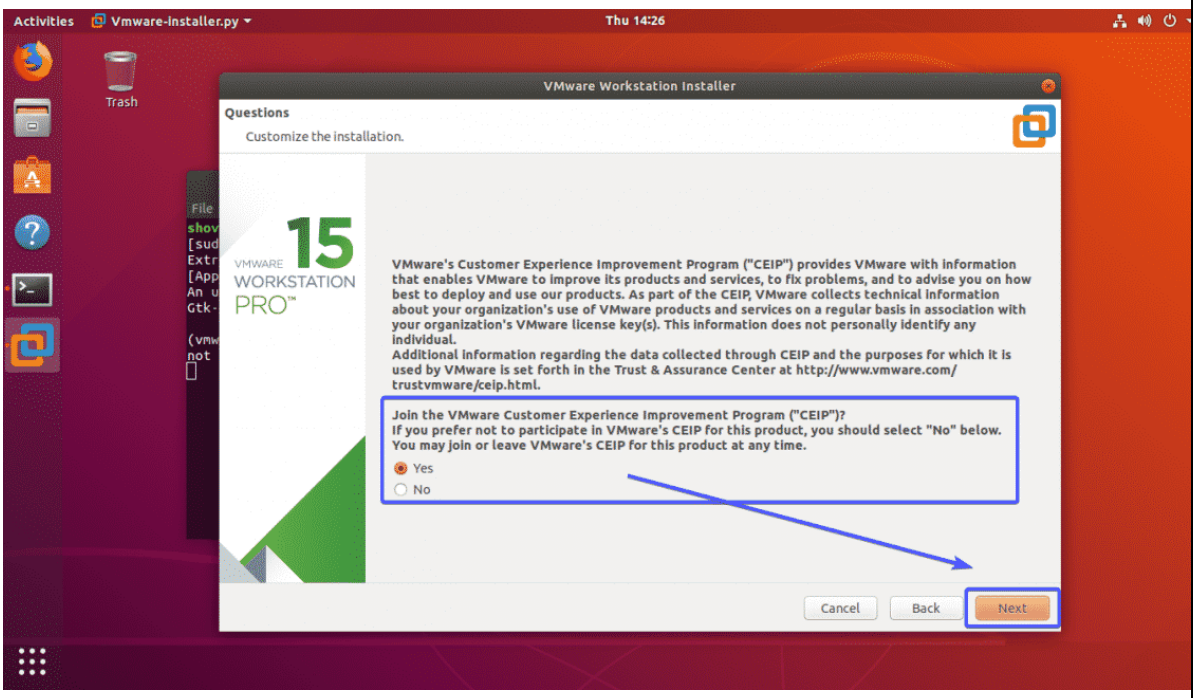
Select **I accept the terms in the license agreement** and then click on **Next** again.



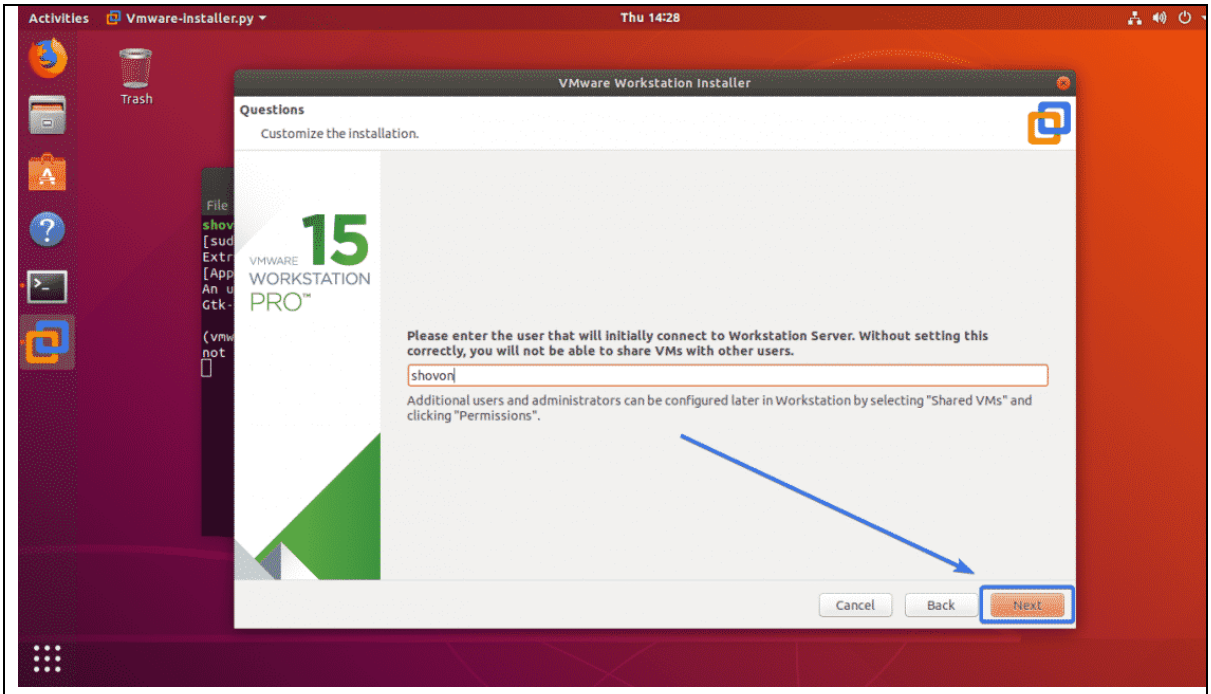
If you want VMware Workstation Pro 15 to check for update every time it starts, then select **Yes**. Otherwise, select **No**. Then, click on **Next**.



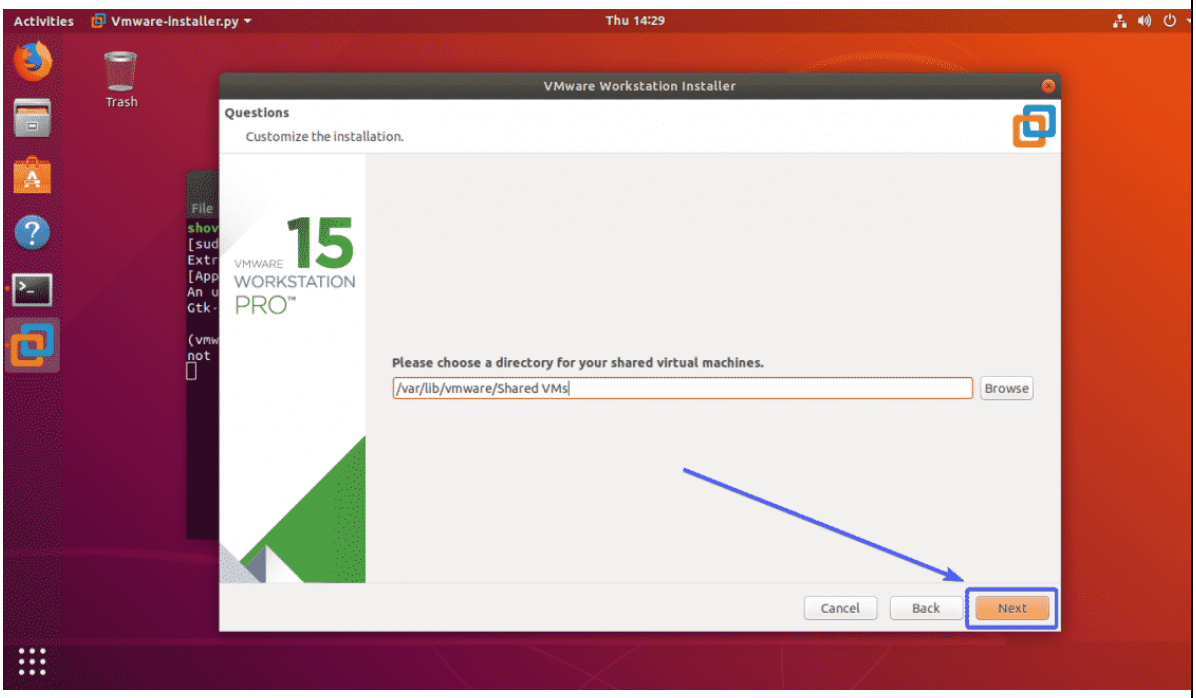
If you want to join the VMware's customer experience improvement program, then select **Yes**. Otherwise, select **No**. VMware's customer experience program will automatically collect data necessary to improve VMware products.
Once you're done, click on **Next**.



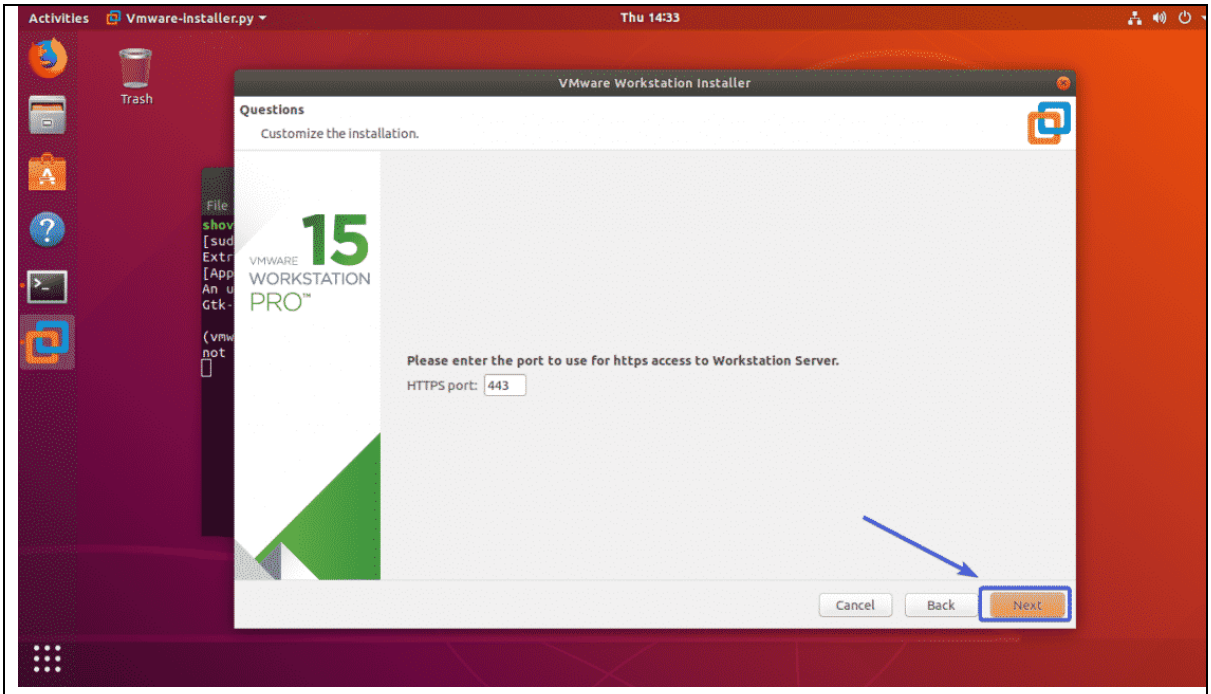
Click on **Next**.



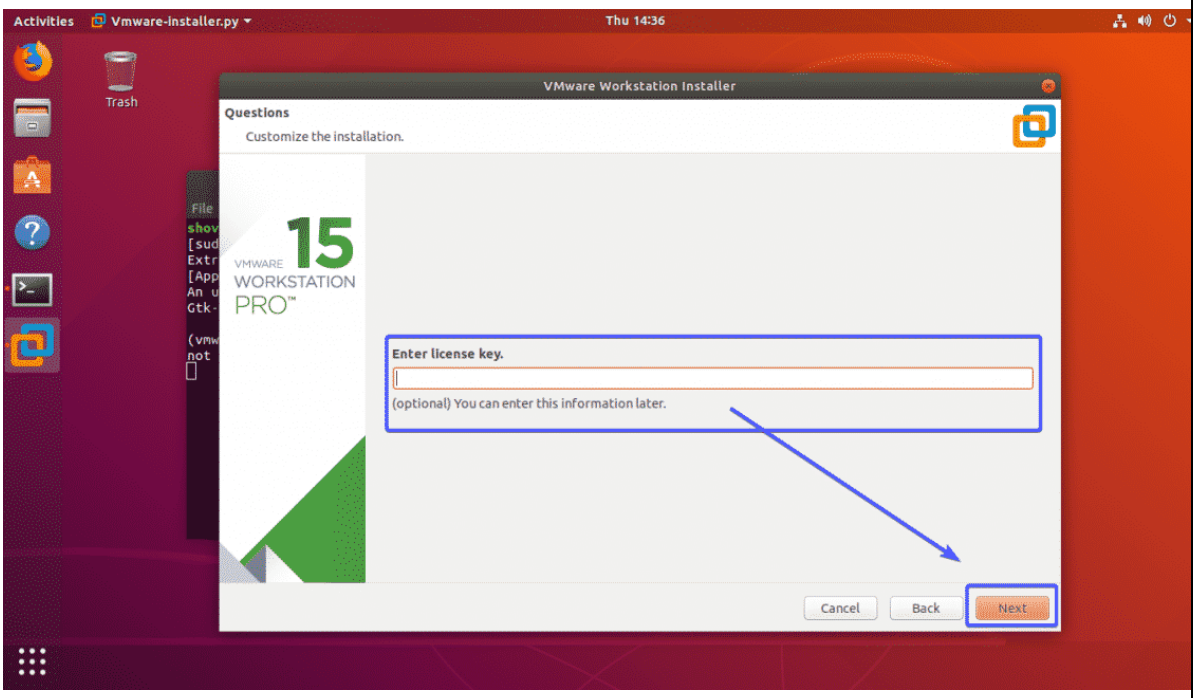
If you want to change the directory for Shared Virtual Machines, just click on **Browse** and select a new directory. The default directory for Shared Virtual Machines is **/var/lib/vmware/Shared VMs**
Once you're done, click on **Next**.



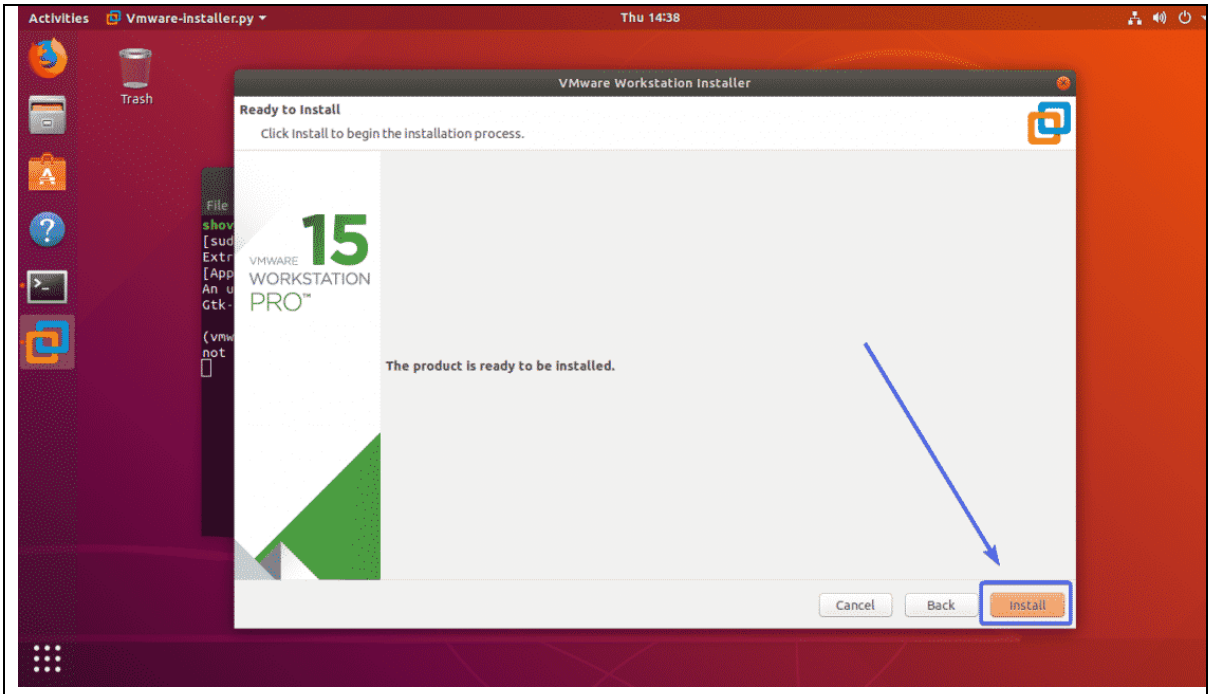
Now, click on **Next**.



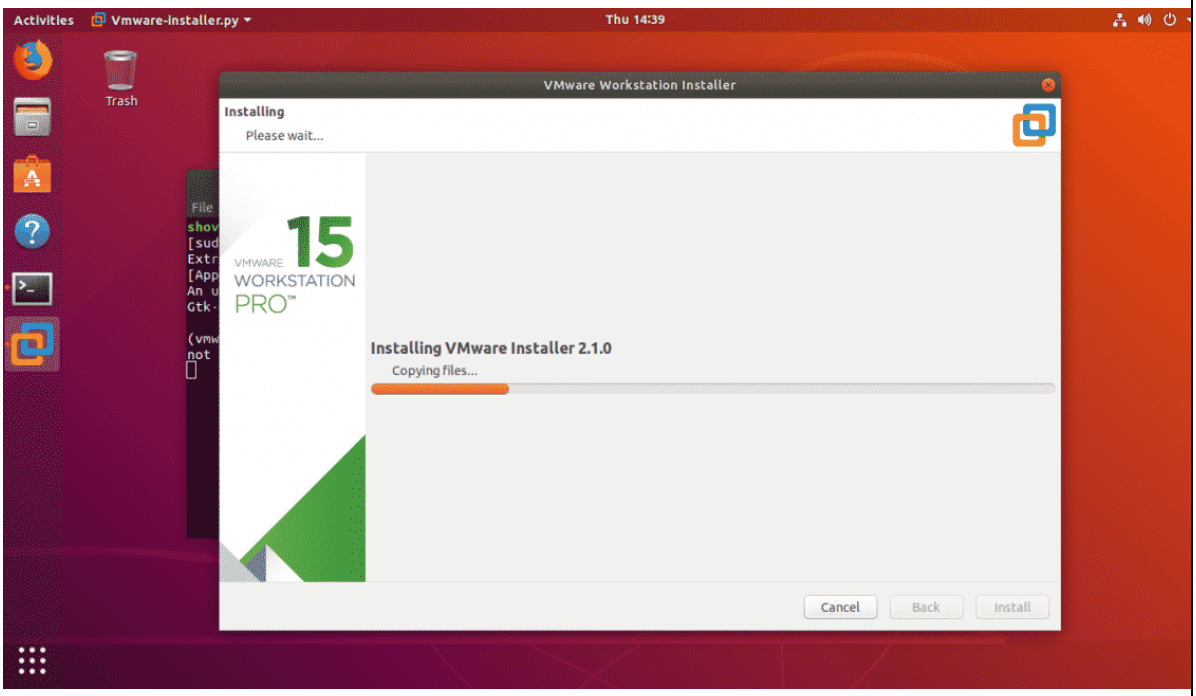
If you've bought VMware Workstation Pro 15, then type in the license key here.
If you're just trying out VMware Workstation Pro 15, then just leave it blank.
Once you're done, click on **Next**.



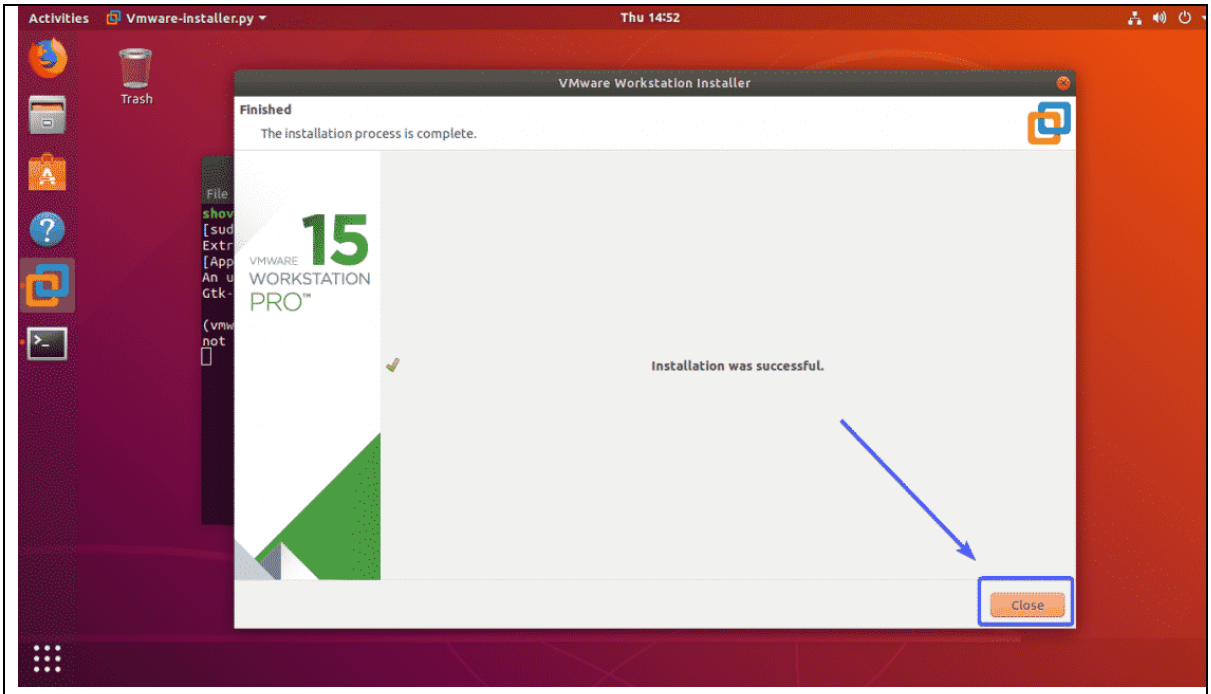
Finally, click on **Install**.



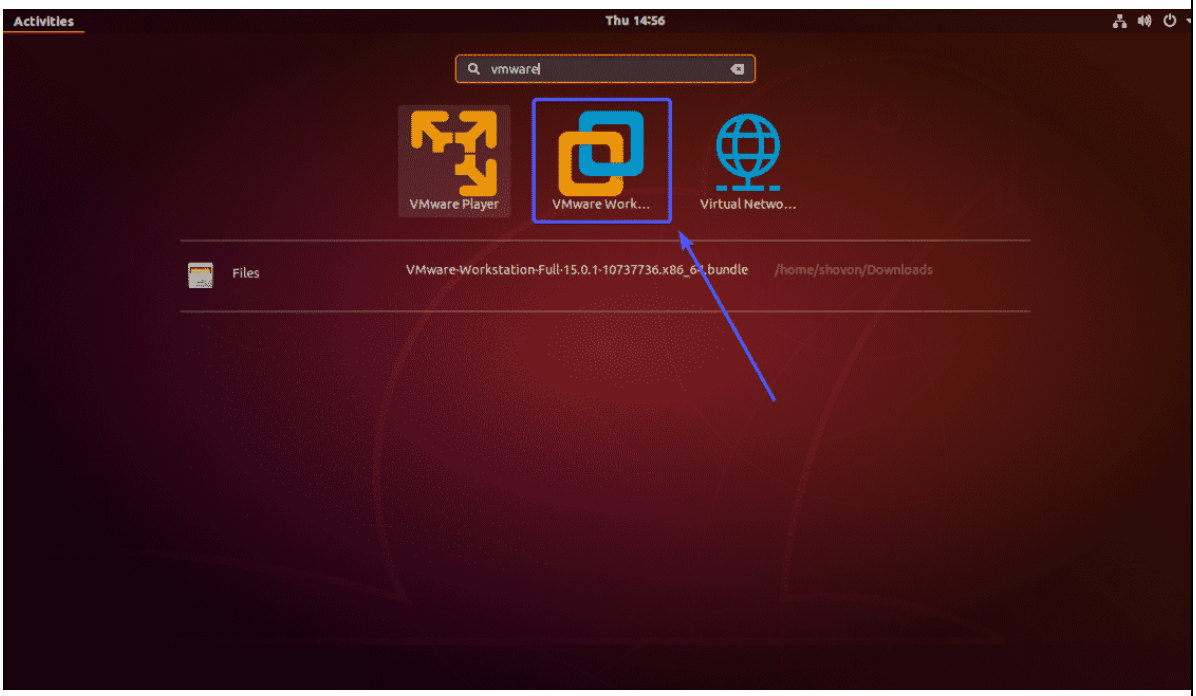
VMware Workstation Pro 15 is being installed.



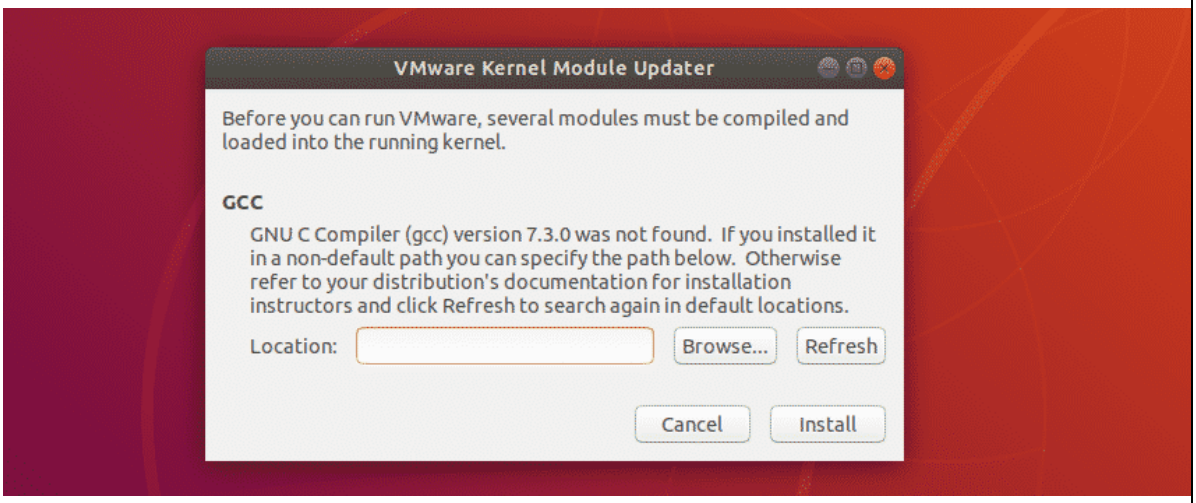
Once the installation is complete, click on **Close**.



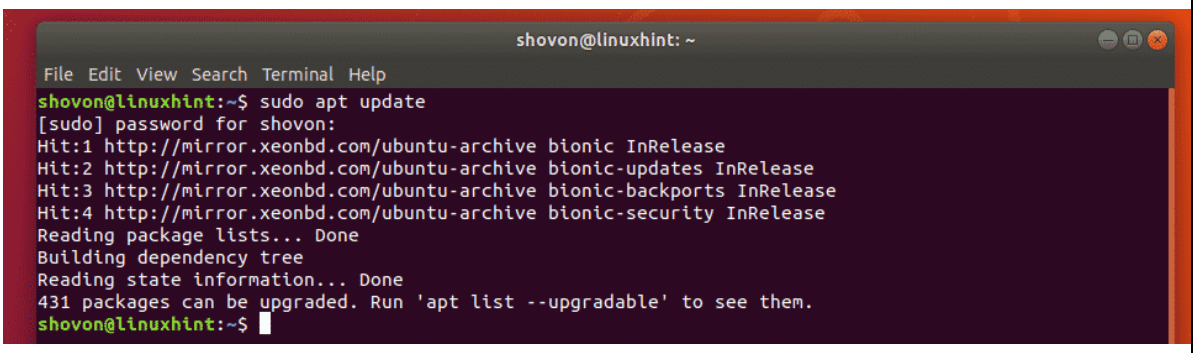
Now you can start VMware Workstation Pro 15 from the Application Menu of Ubuntu. Just search for **vmware** and click on the VMware Workstation Pro 15 icon as marked in the screenshot below.



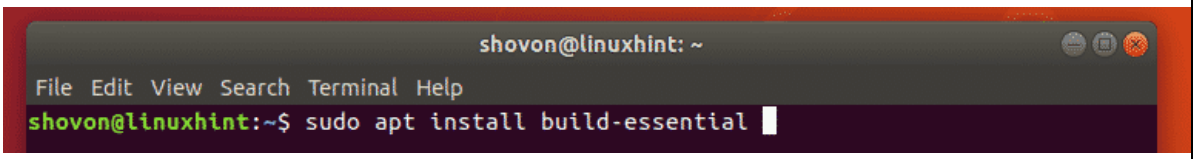
If you see the following window when you start VMware Workstation Pro 15, then it means you don't have the GCC compilers installed on your system. VMware Workstation Pro 15 needs GCC in order to compile the VMware Kernel Modules. It is easy to fix.



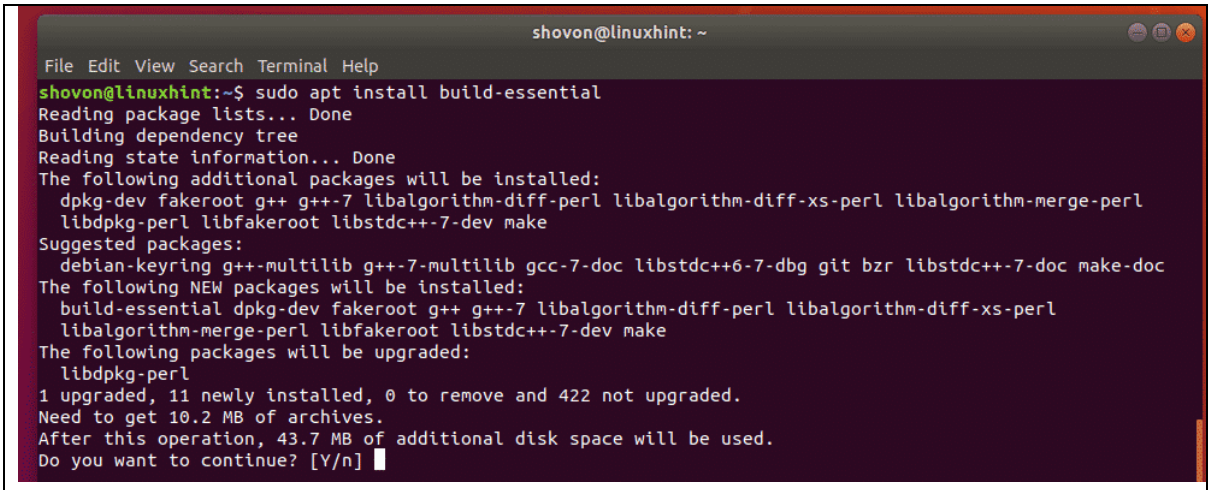
You can easily install GCC on Ubuntu as it is available in the official package repository of Ubuntu. First, update the APT package repository cache with the following command:



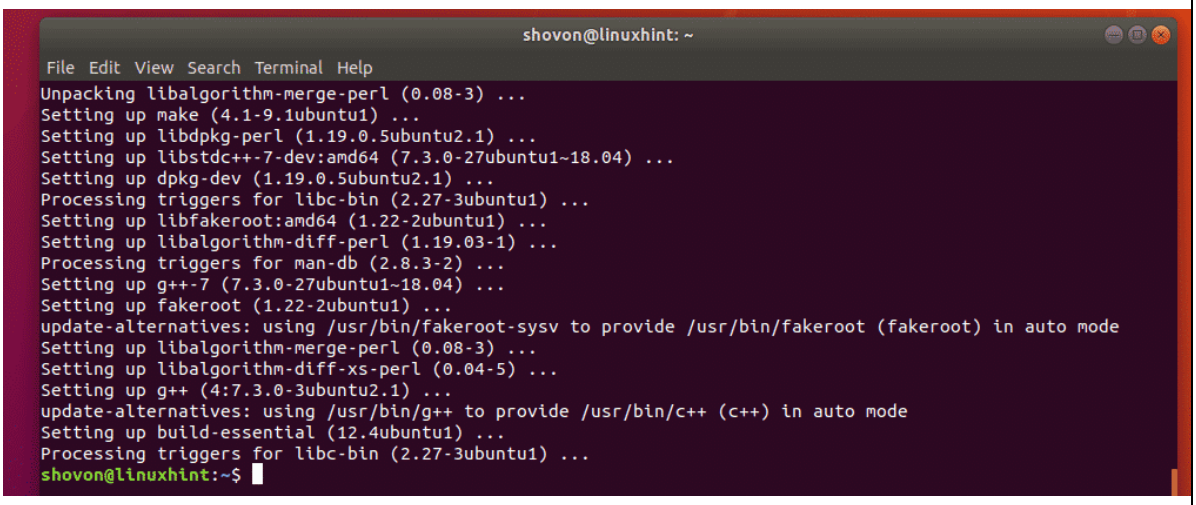
Now, install GCC and all the required tools with the following command:



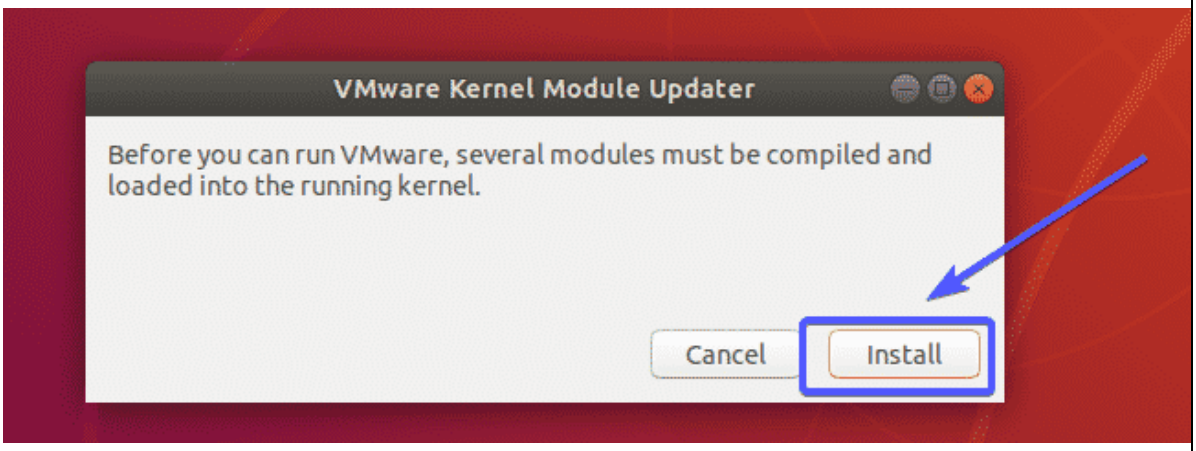
Now, press **y** and then press **<Enter>** to continue.



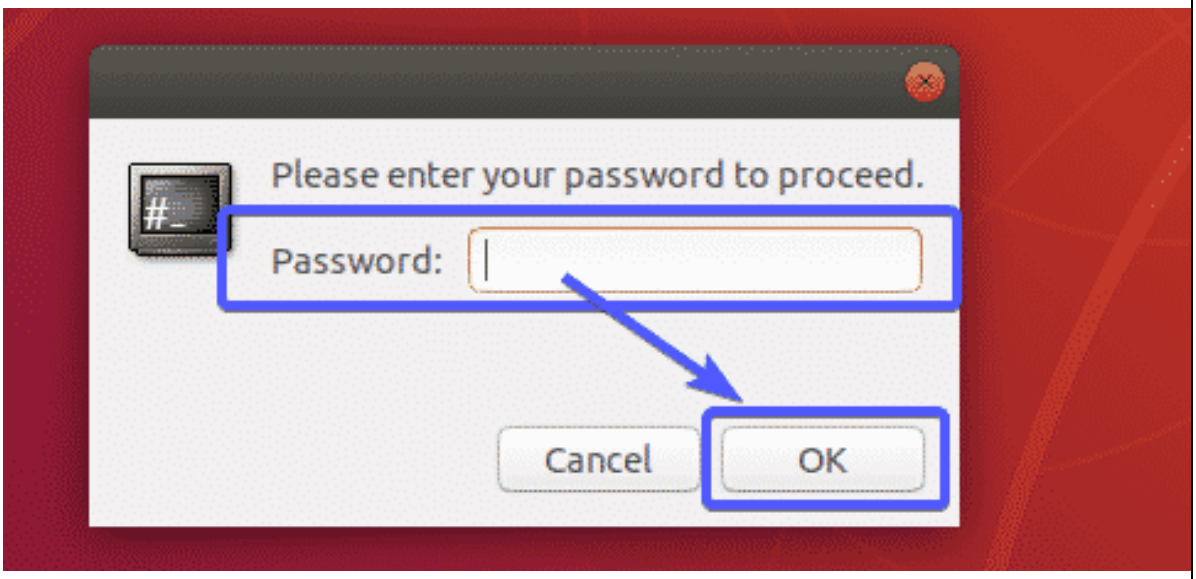
GCC and all the required build tools should be installed.



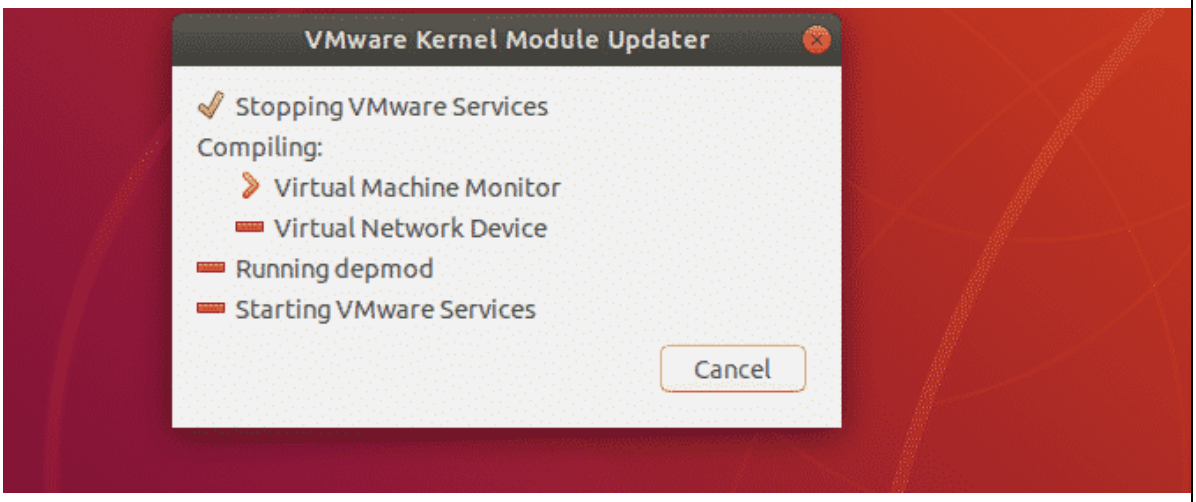
Now, if you try to start VMware Workstation Pro 15, you may see the following window. Just click on **Install**.



Now, type in the password of your login user and click on **OK**.

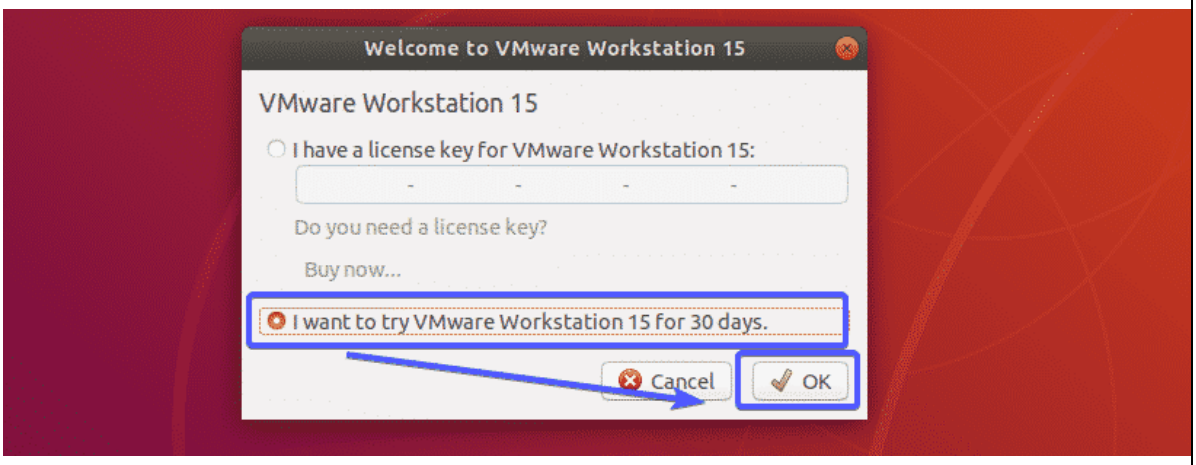


As you can see, the VMware Kernel Modules are being built.

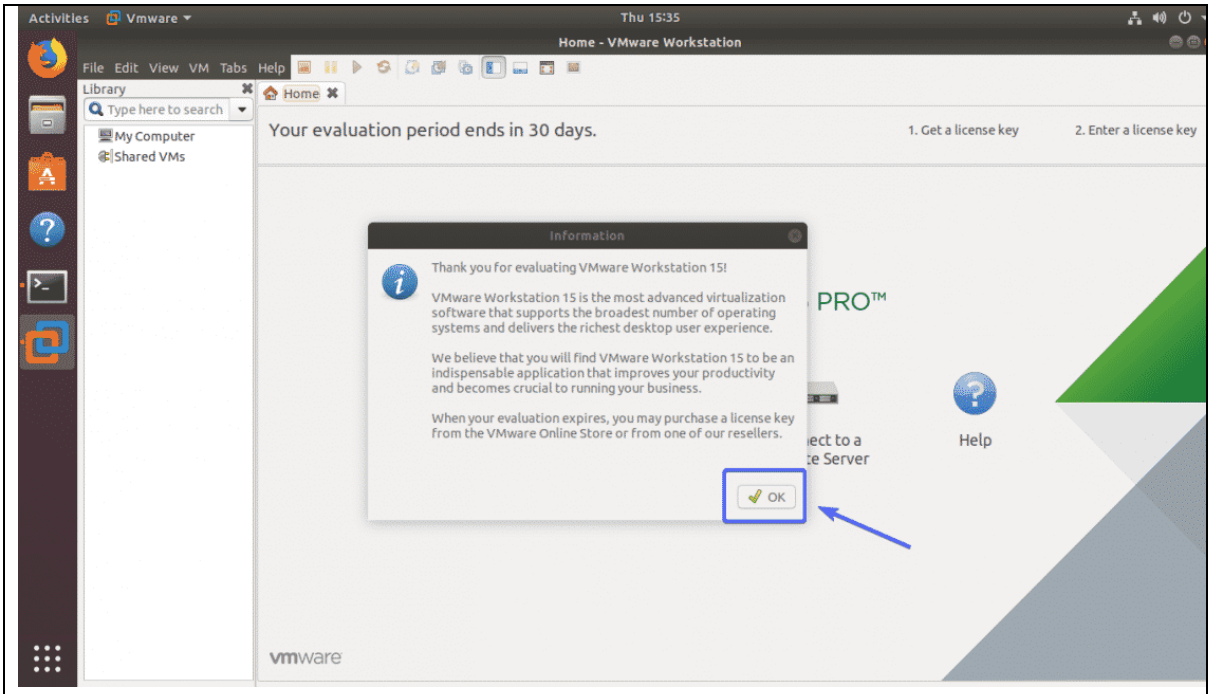


Now, you should see the welcome product registration screen of VMware Workstation Pro 15. If you have a valid license key, then type it in and click on **OK**.

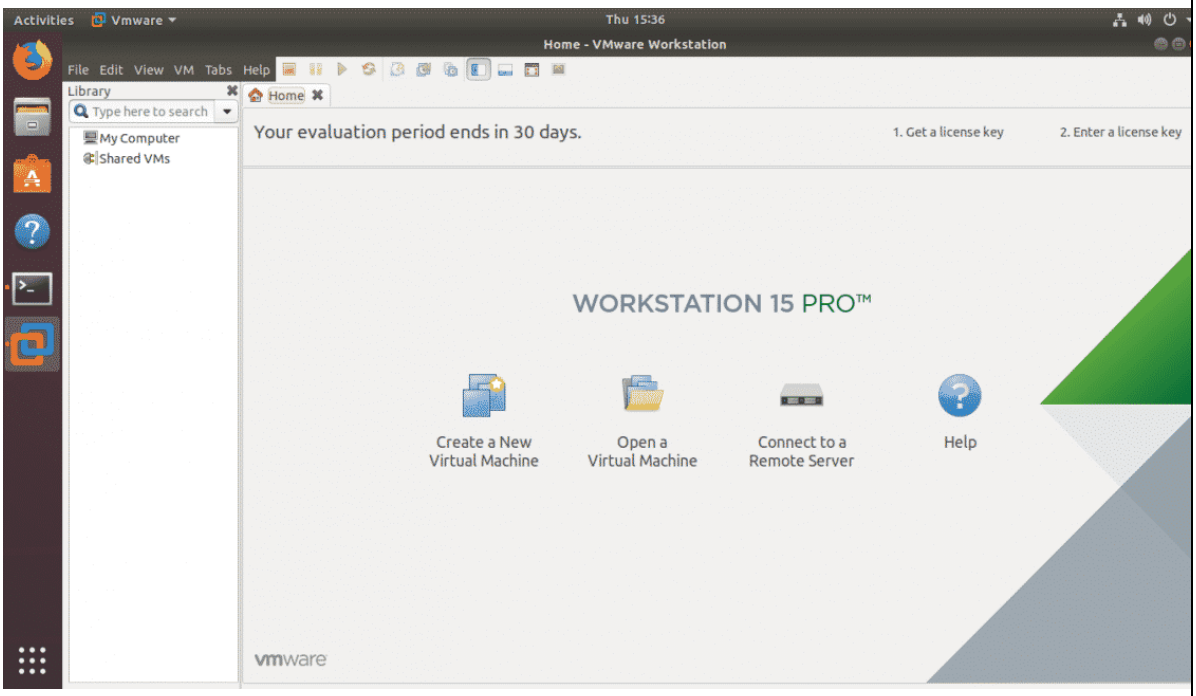
If you just want to try out VMware Workstation Pro 15, then select **I want to try VMware Workstation 15 for 30 days** and click on **OK**.

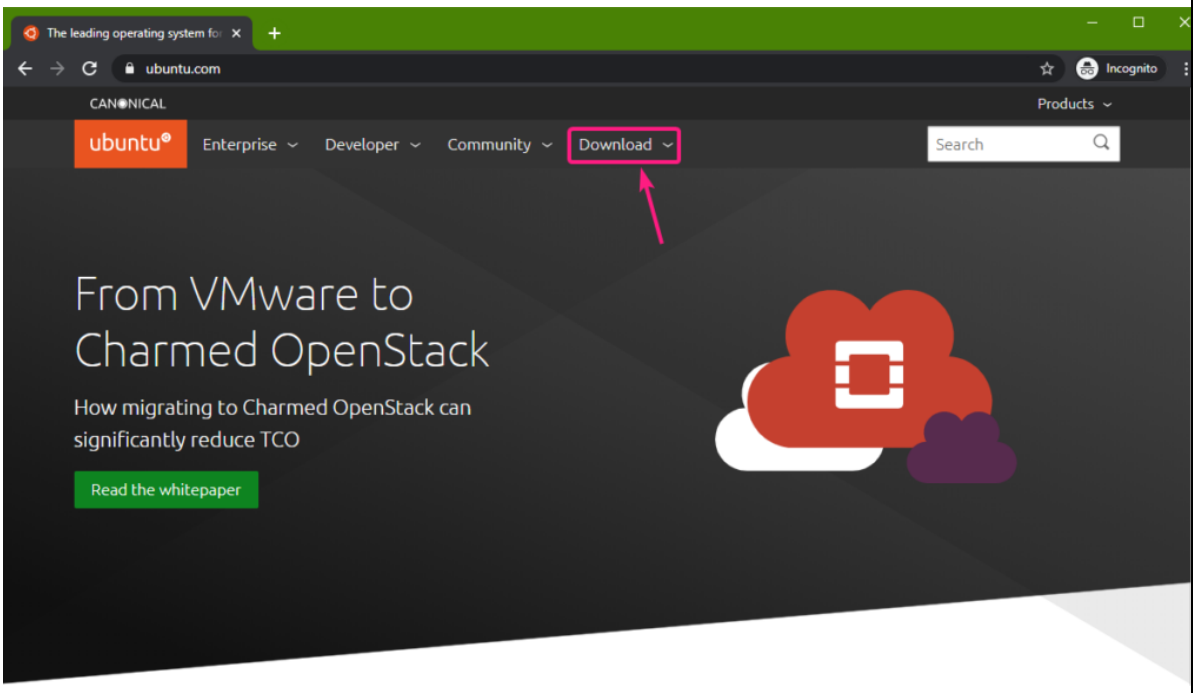


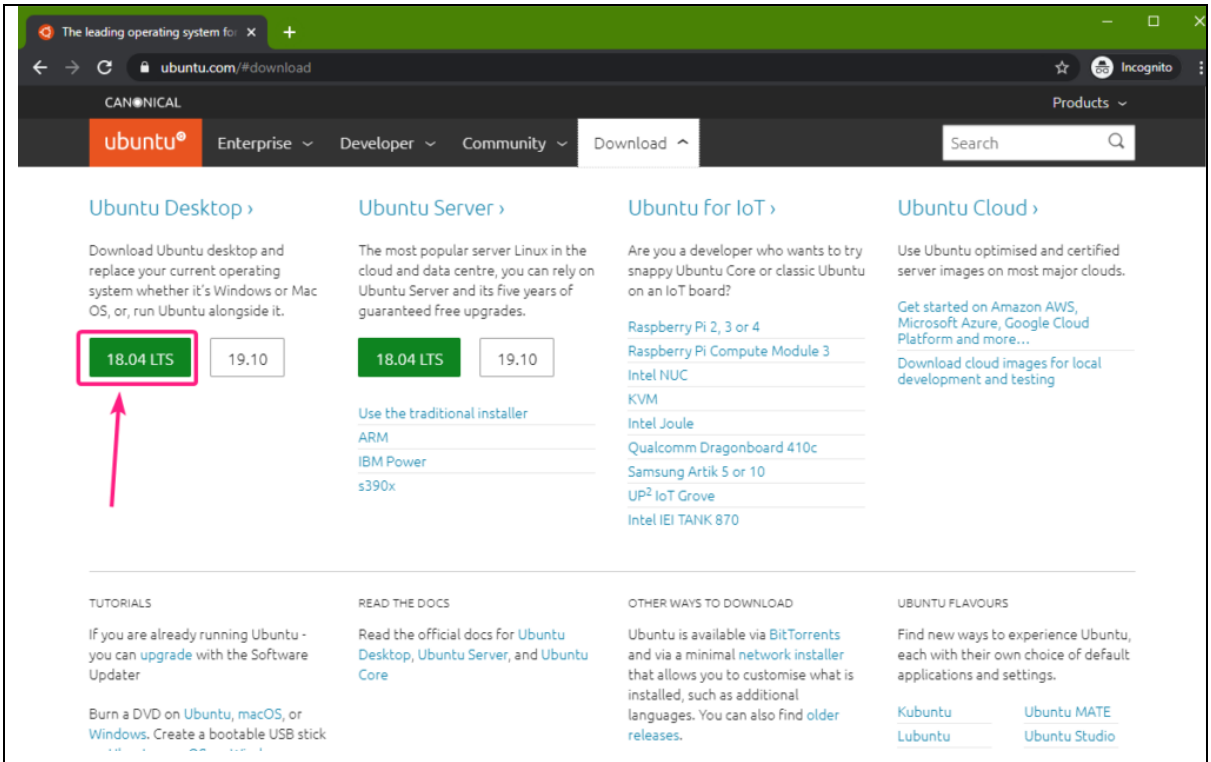
VMware Workstation Pro 15 should start. Click on **OK** as marked in the screenshot below.



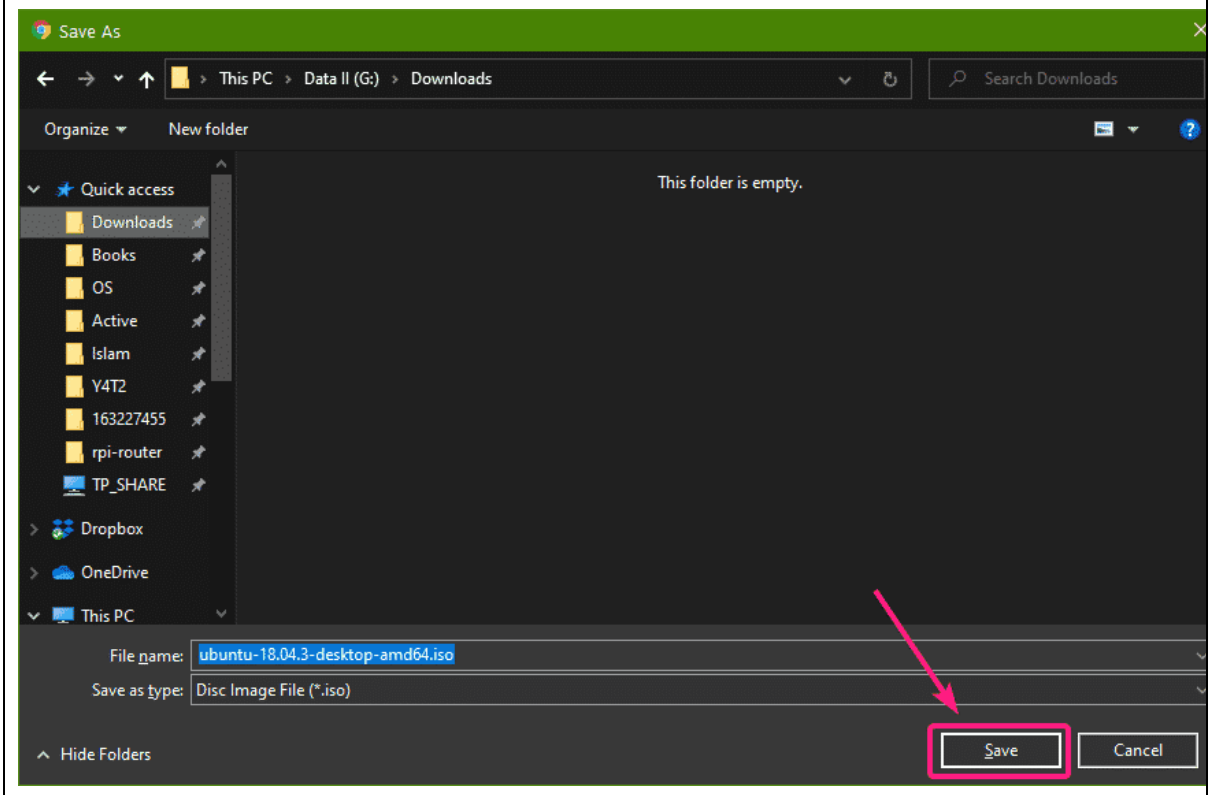
Now, you can start creating Virtual Machines with VMware Workstation Pro 15.



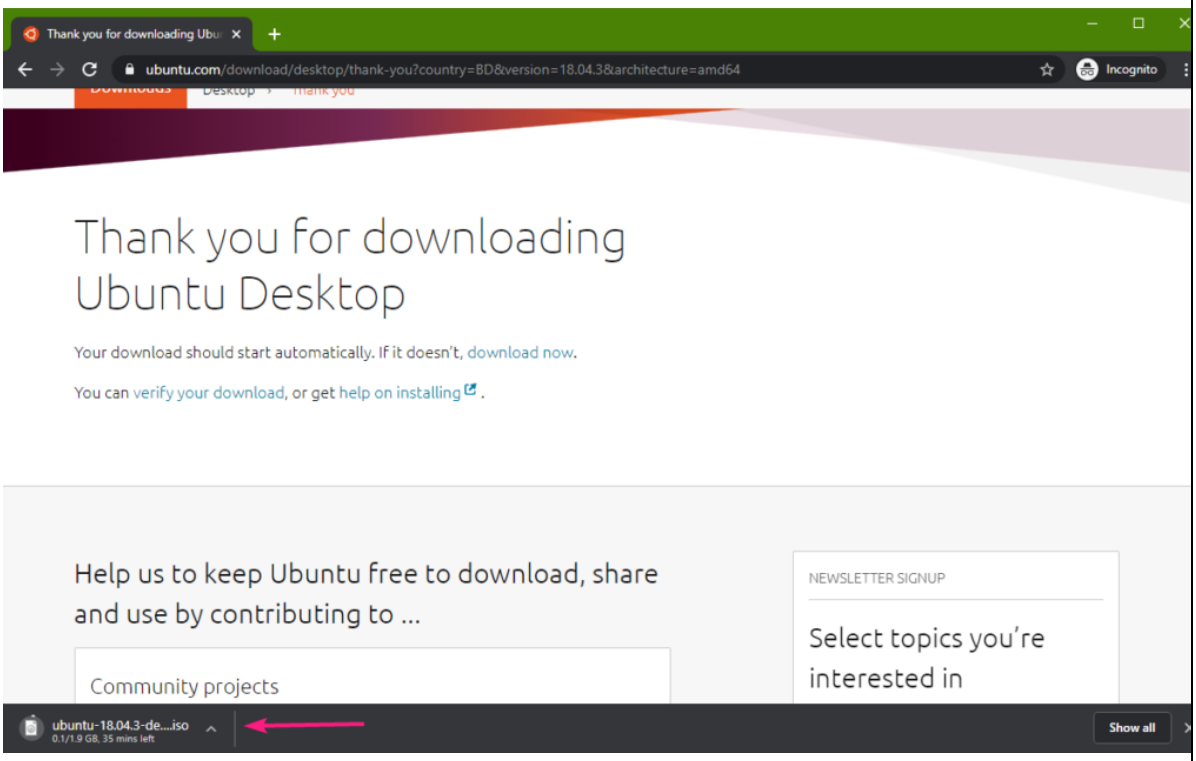
Install Ubuntu 18.04 LTS on VMware Workstation Virtual Machine
First visit the official website of Ubuntu from your favorite web browser. Once the page loads, click on **Download**.

Now, click on the Ubuntu version that you want to download. I will download the Ubuntu 18.04 LTS Desktop version in this article.



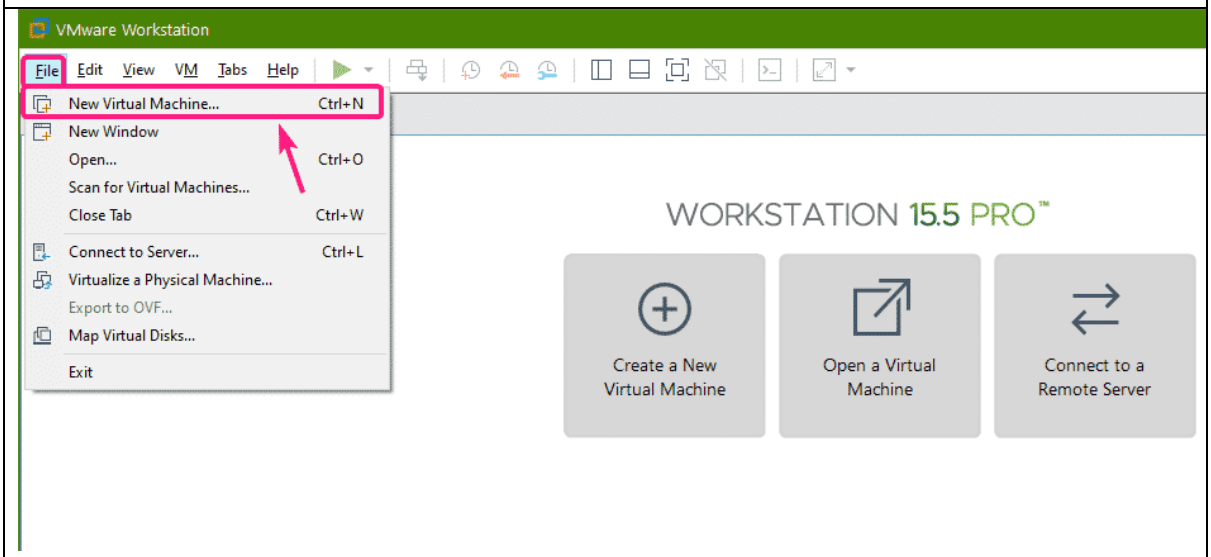
You will be asked for a location where you want to save the Ubuntu ISO file. Select a directory where you want to save the Ubuntu ISO file and click on **Save**.



Your browser should start downloading the Ubuntu ISO file. It may take a while to complete.

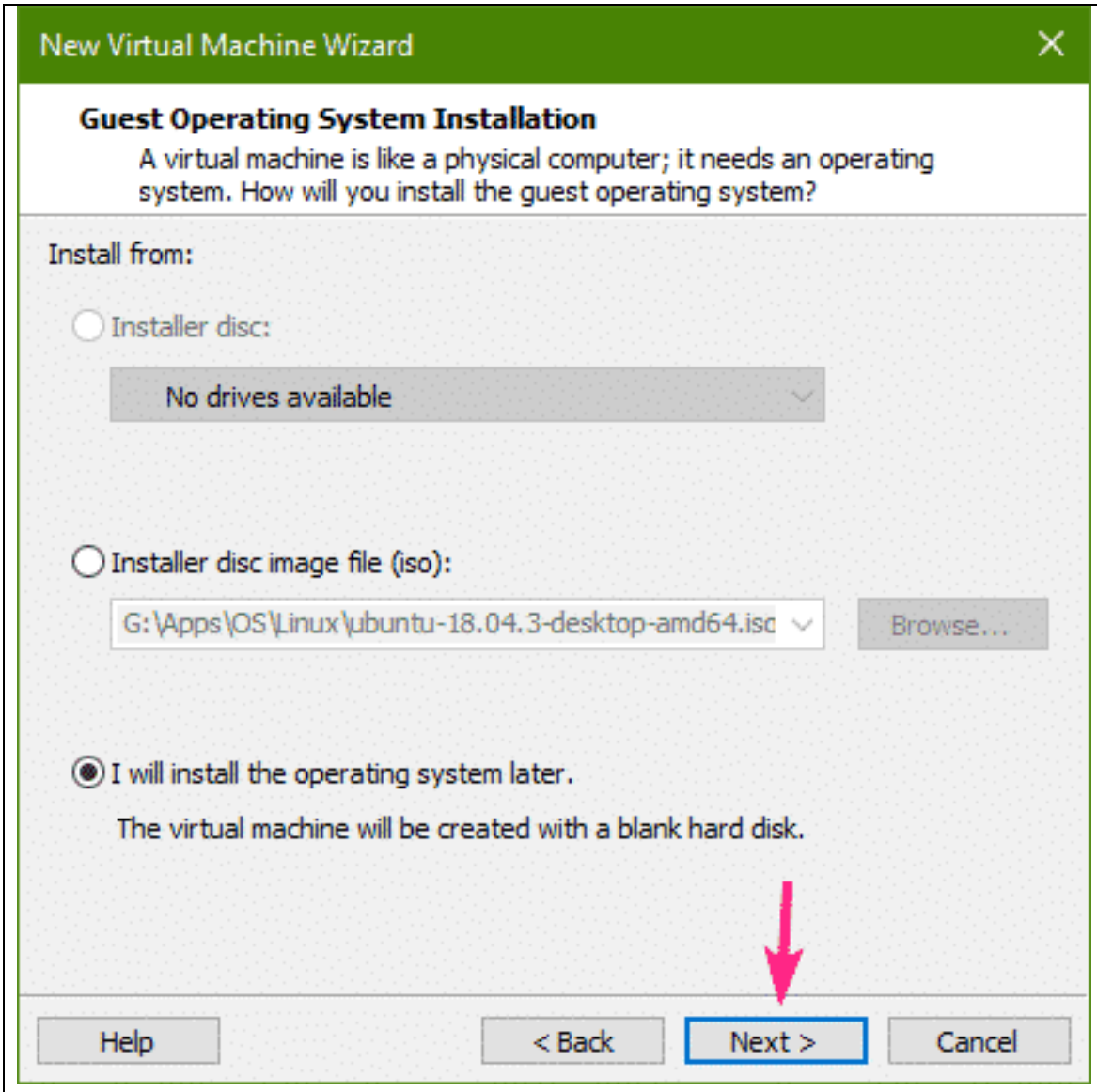


Once the Ubuntu ISO file is downloaded, open VMware Workstation and click on **File** > **New Virtual Machine…**

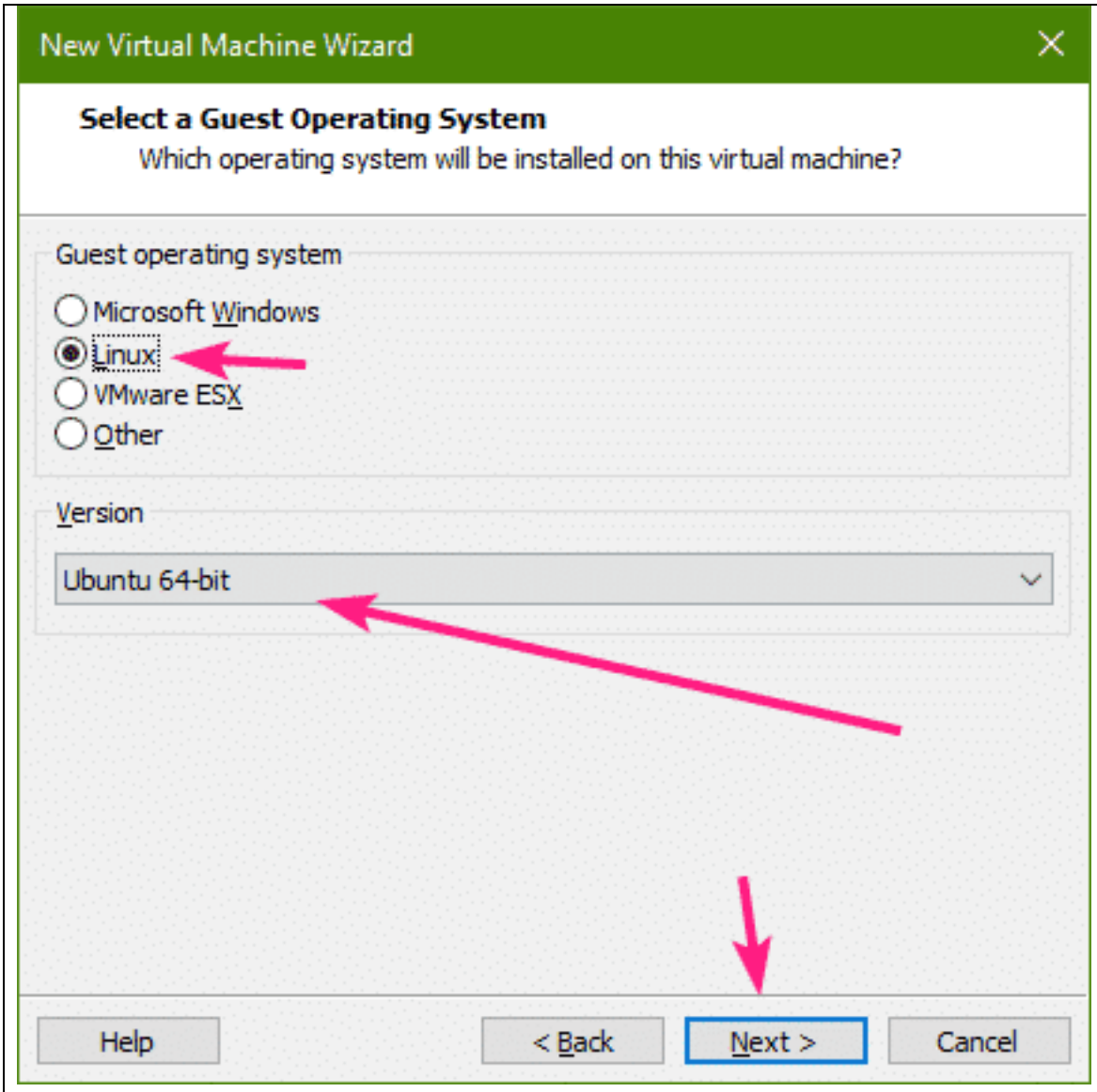


New Virtual Machine Wizard window should be displayed. Now, select **Typical (recommended)** and click on **Next**.

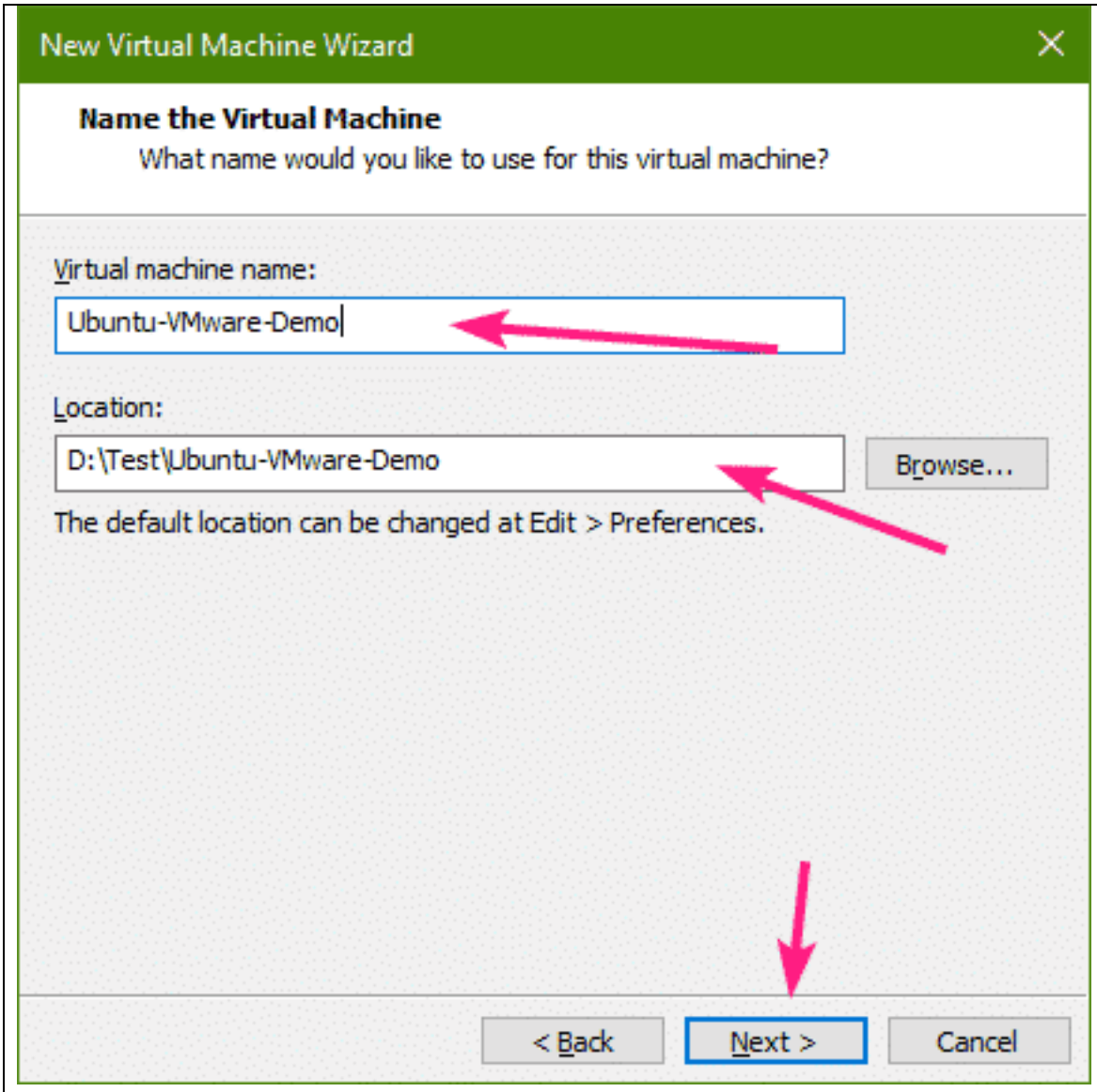
Now, select **I will install the operating system later** and click on **Next**.



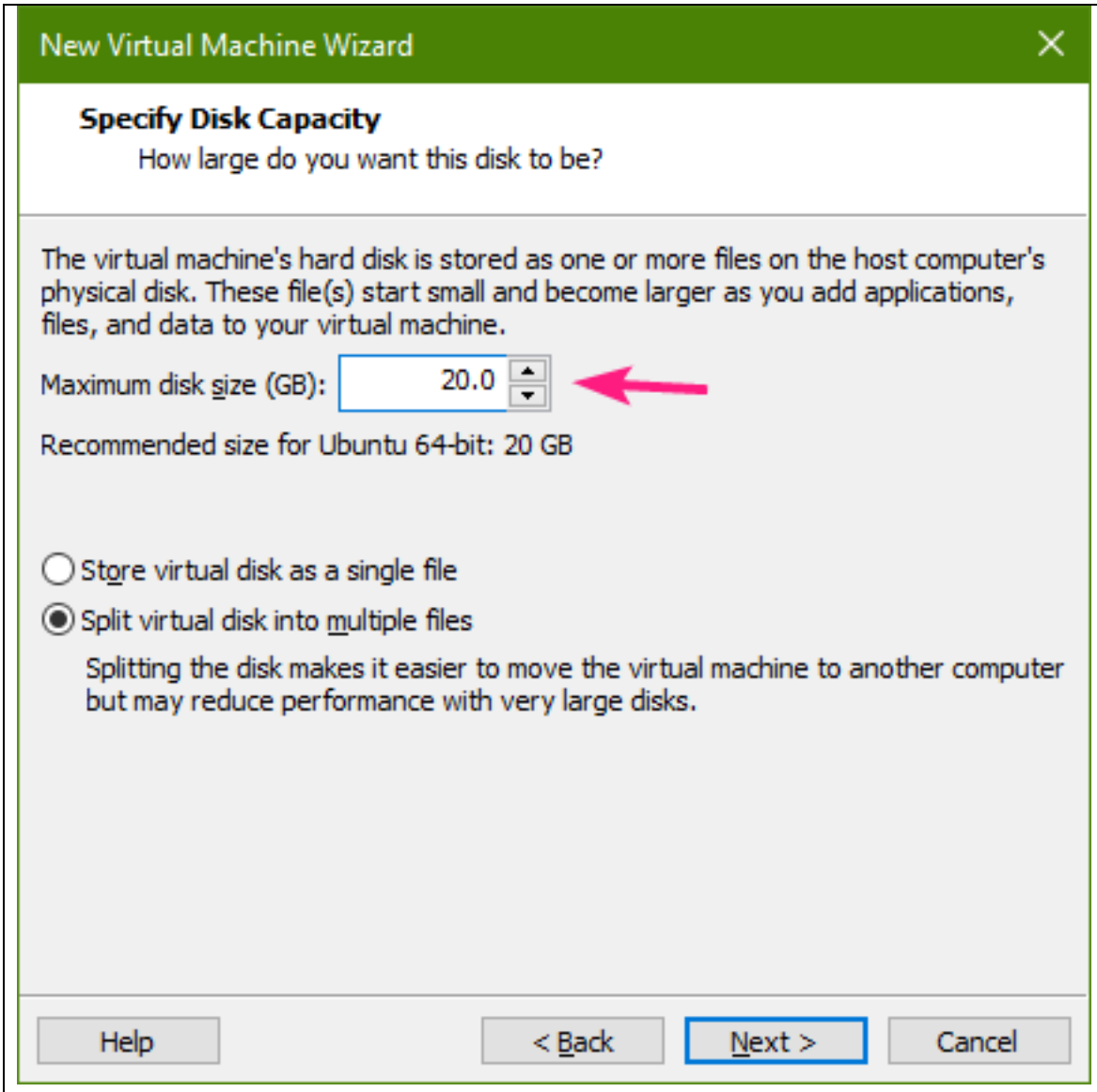
Now, you have to select the operating system that you will be installing on the virtual machine.
Select **Linux** from the **Guest operating system** section and **Ubuntu 64-bit** from the **Version** section.
Once you're done, click on **Next**.



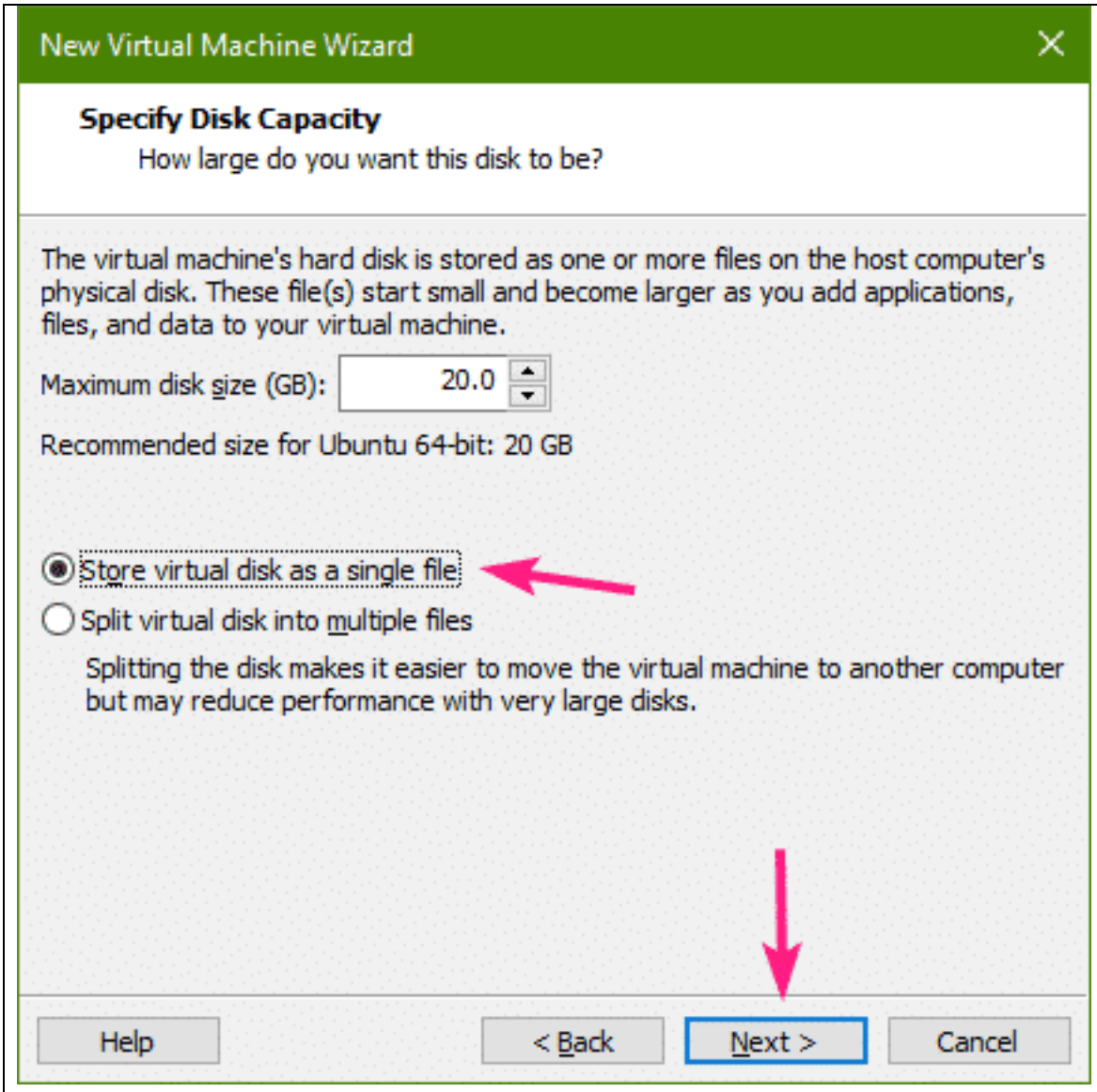
Now, type in a name for the virtual machine.
You may also type in a path or select a directory where the virtual machine data will be saved.
Once you're done, click on **Next**.



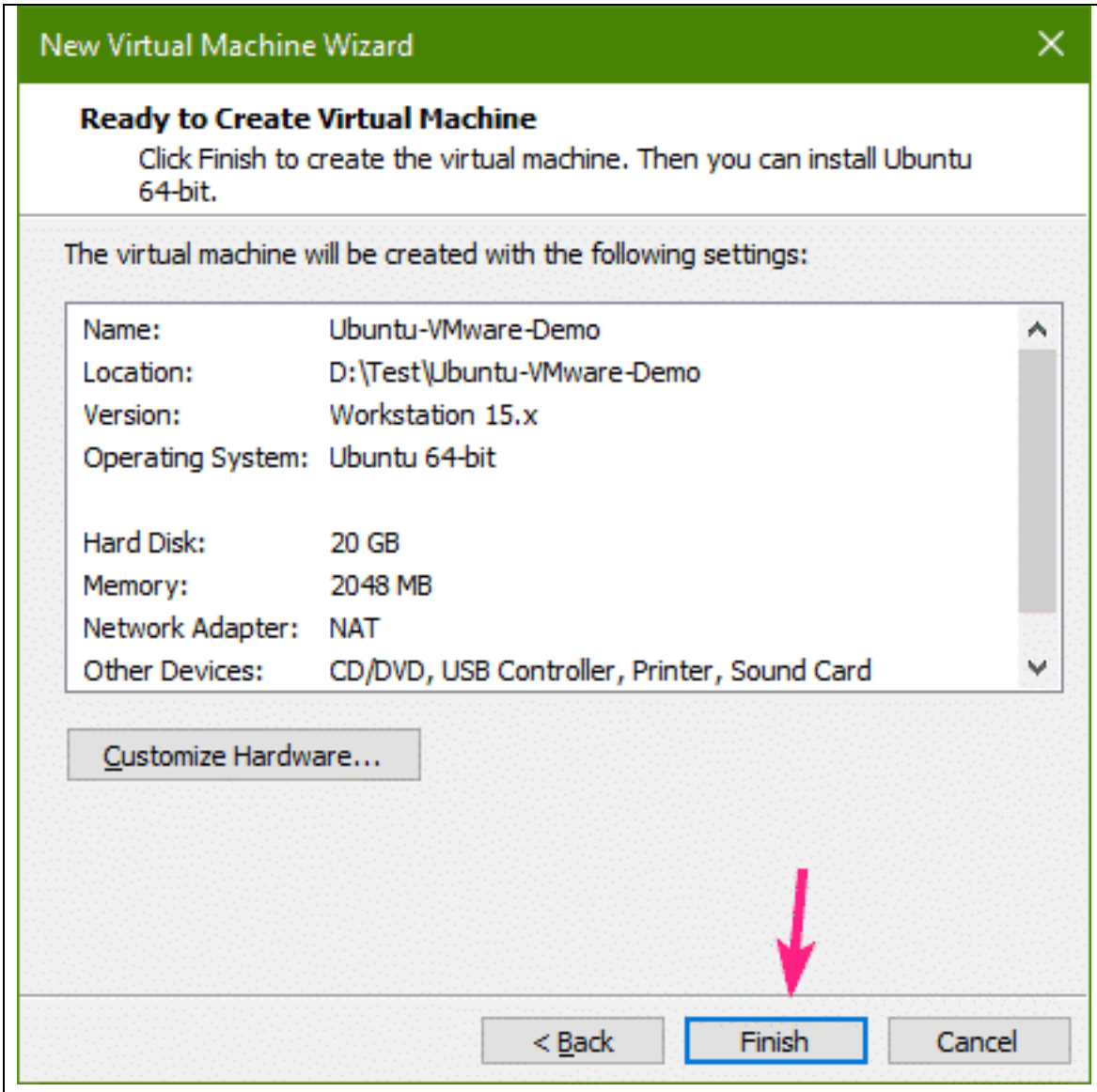
Now, type in the size of the virtual hard disk in GB (gigabyte). I will give the virtual machine a 20GB virtual hard disk.



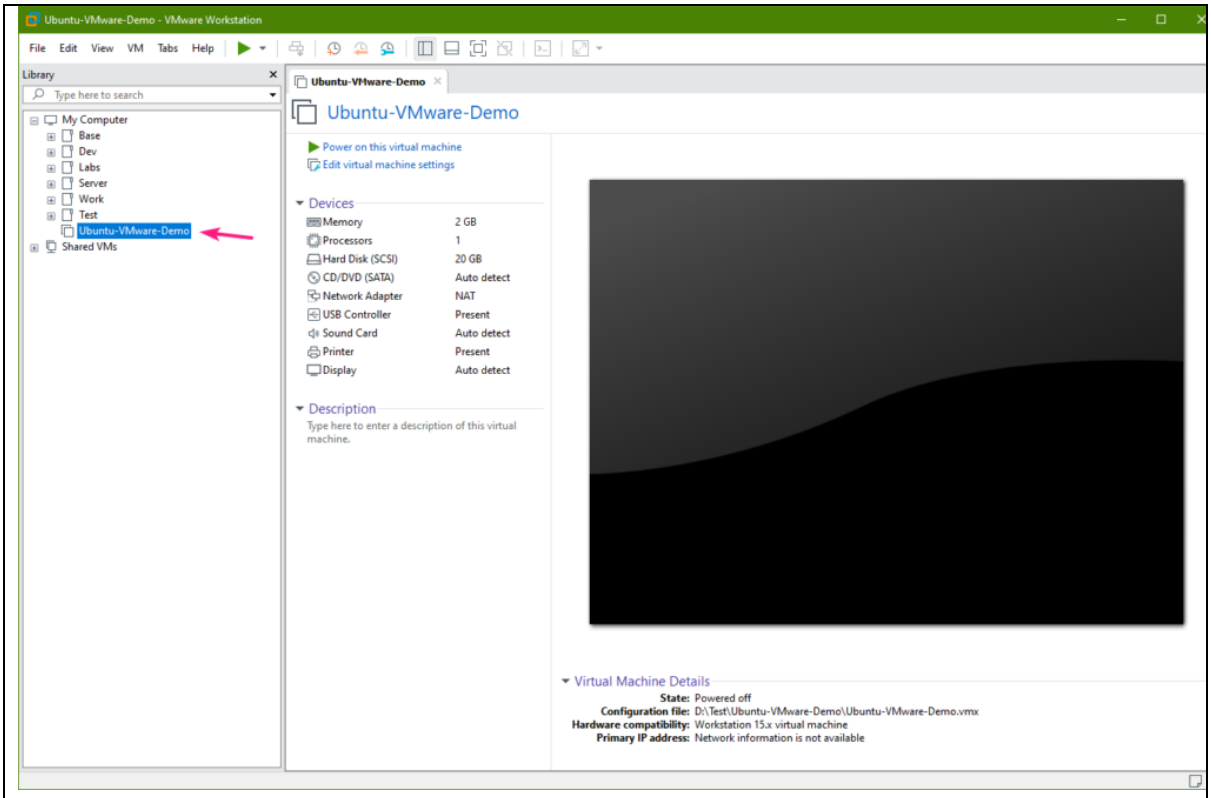
Now, for better performance, select **Store virtual disk as a single file** and click on **Next**.



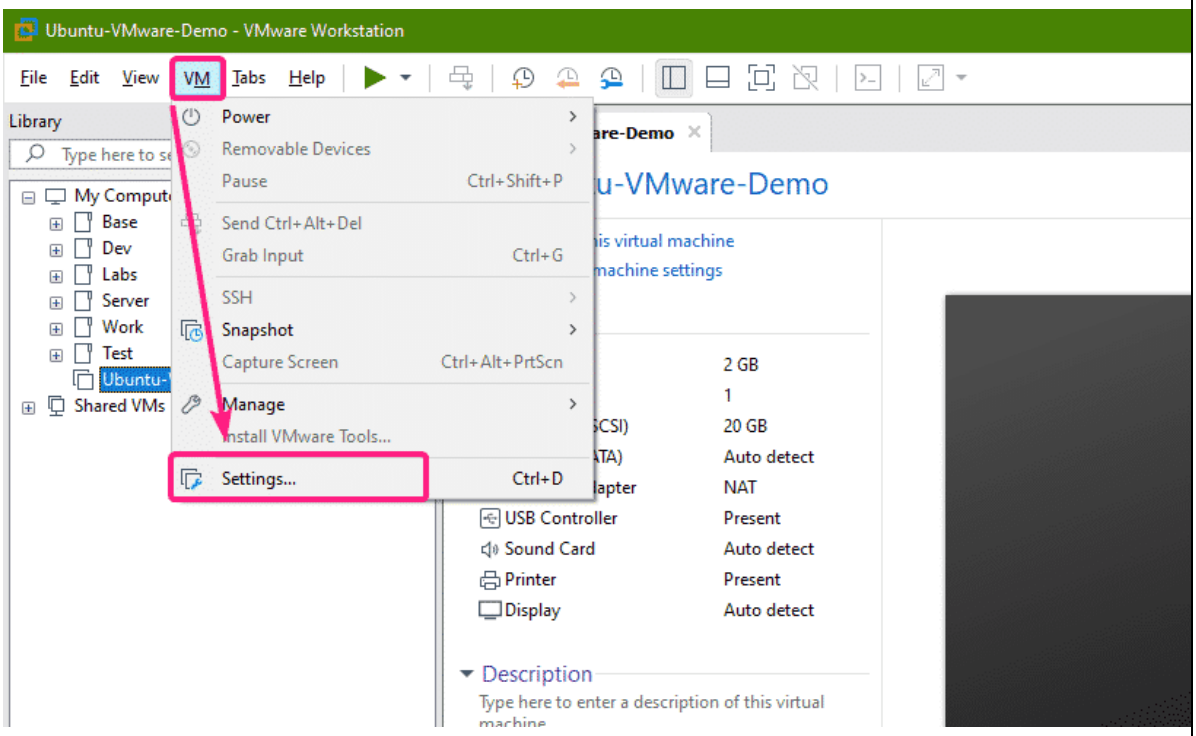
Now, click on **Finish**.



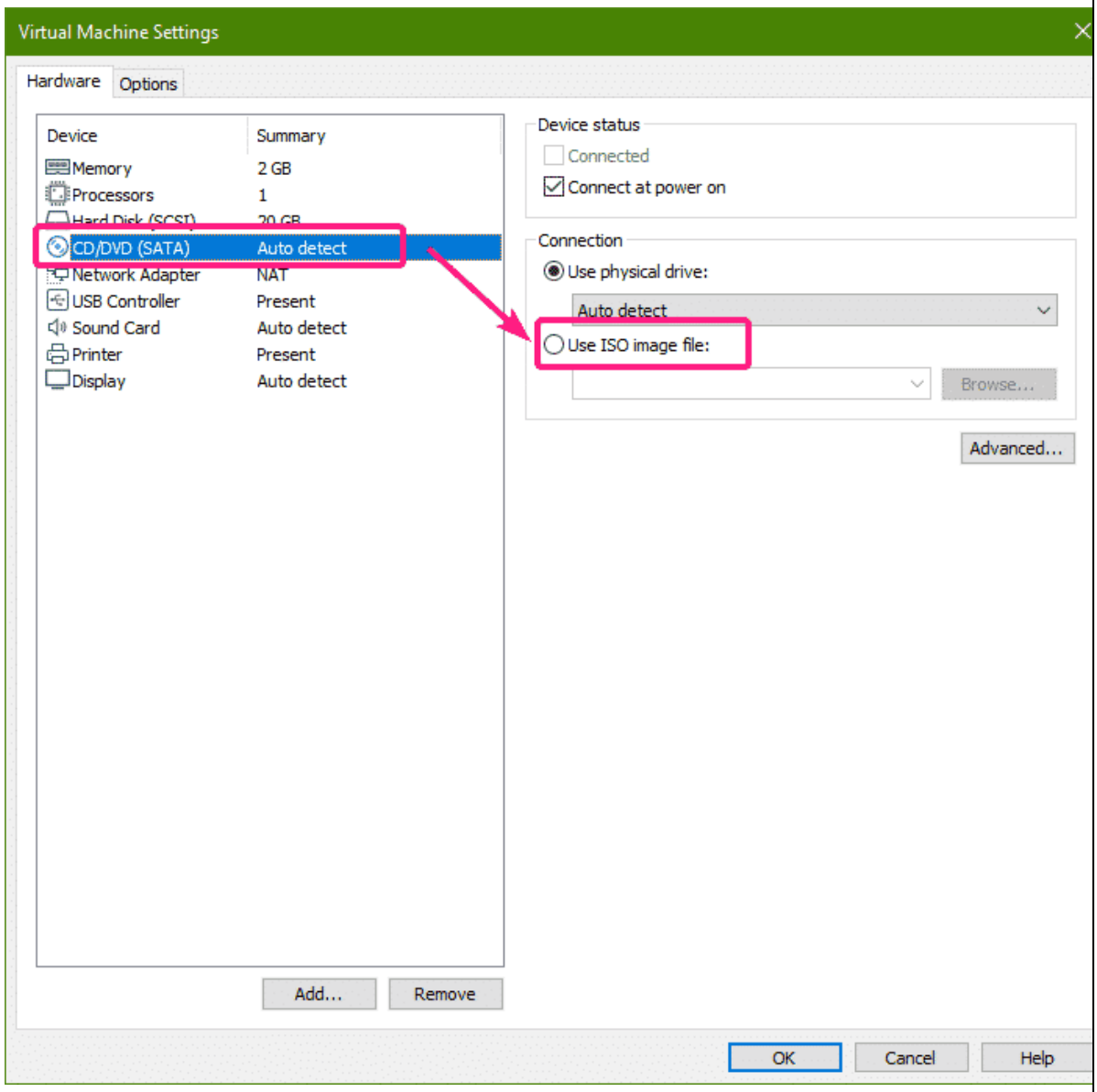
A new virtual machine should be created. Now, click on the newly created virtual machine from the library panel to open it.



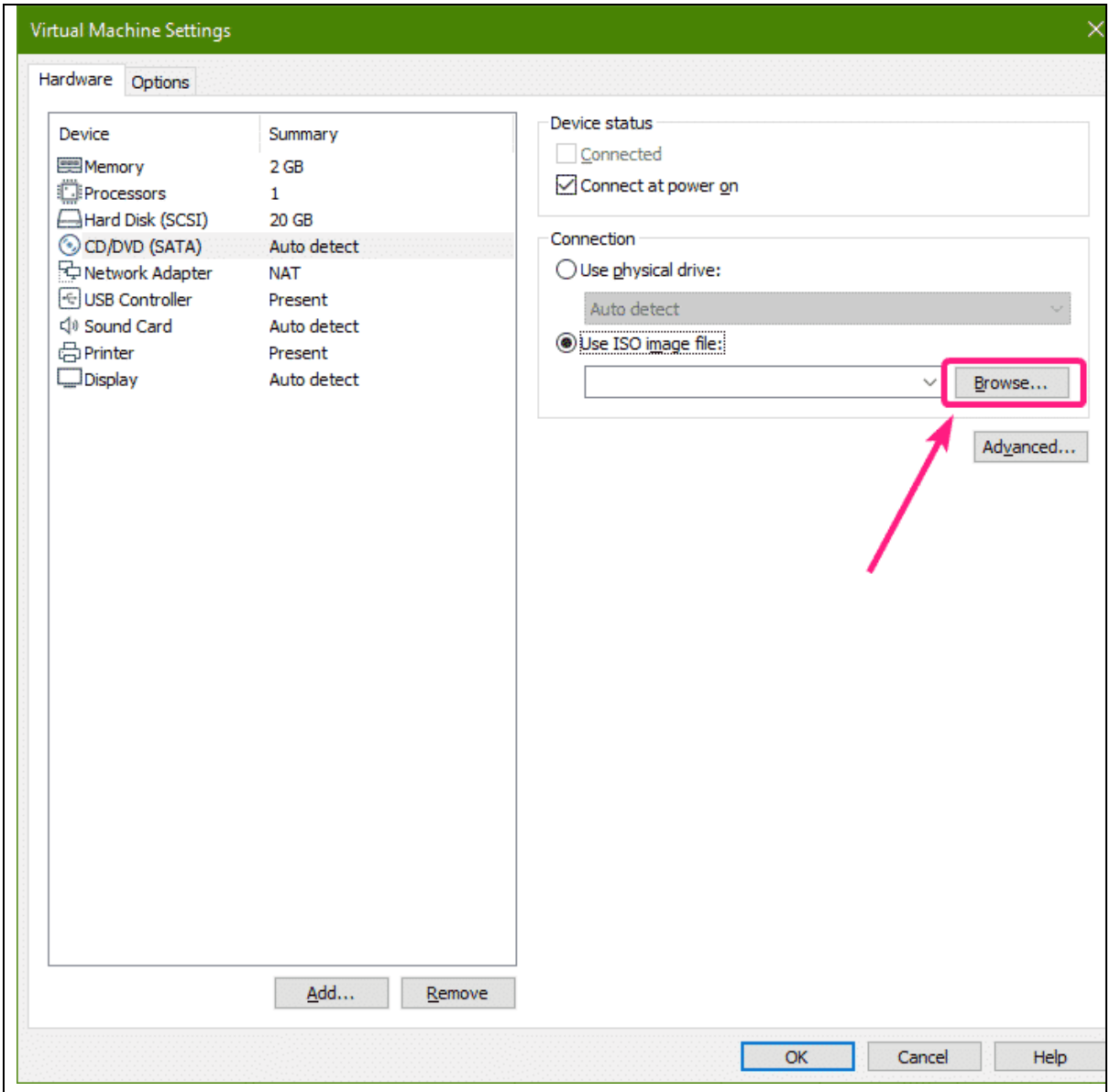
Now, go to **VM** > **Settings**.



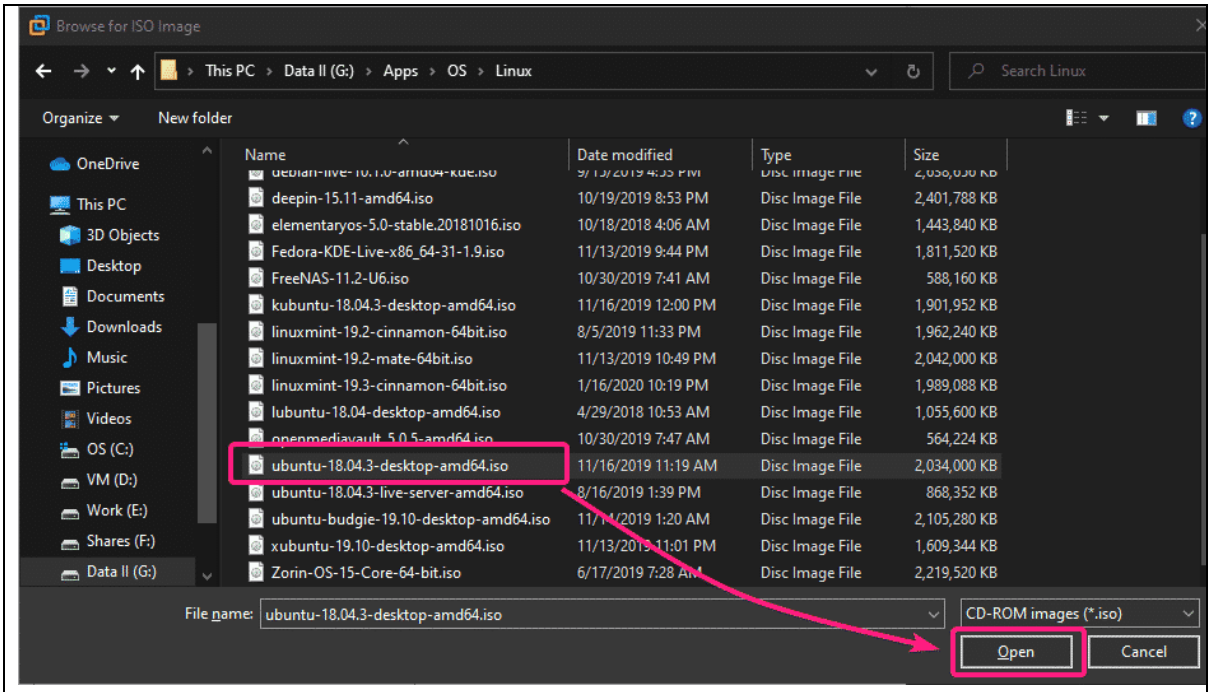
Now, go to **CD/DVD** settings and select **Use ISO image file**.



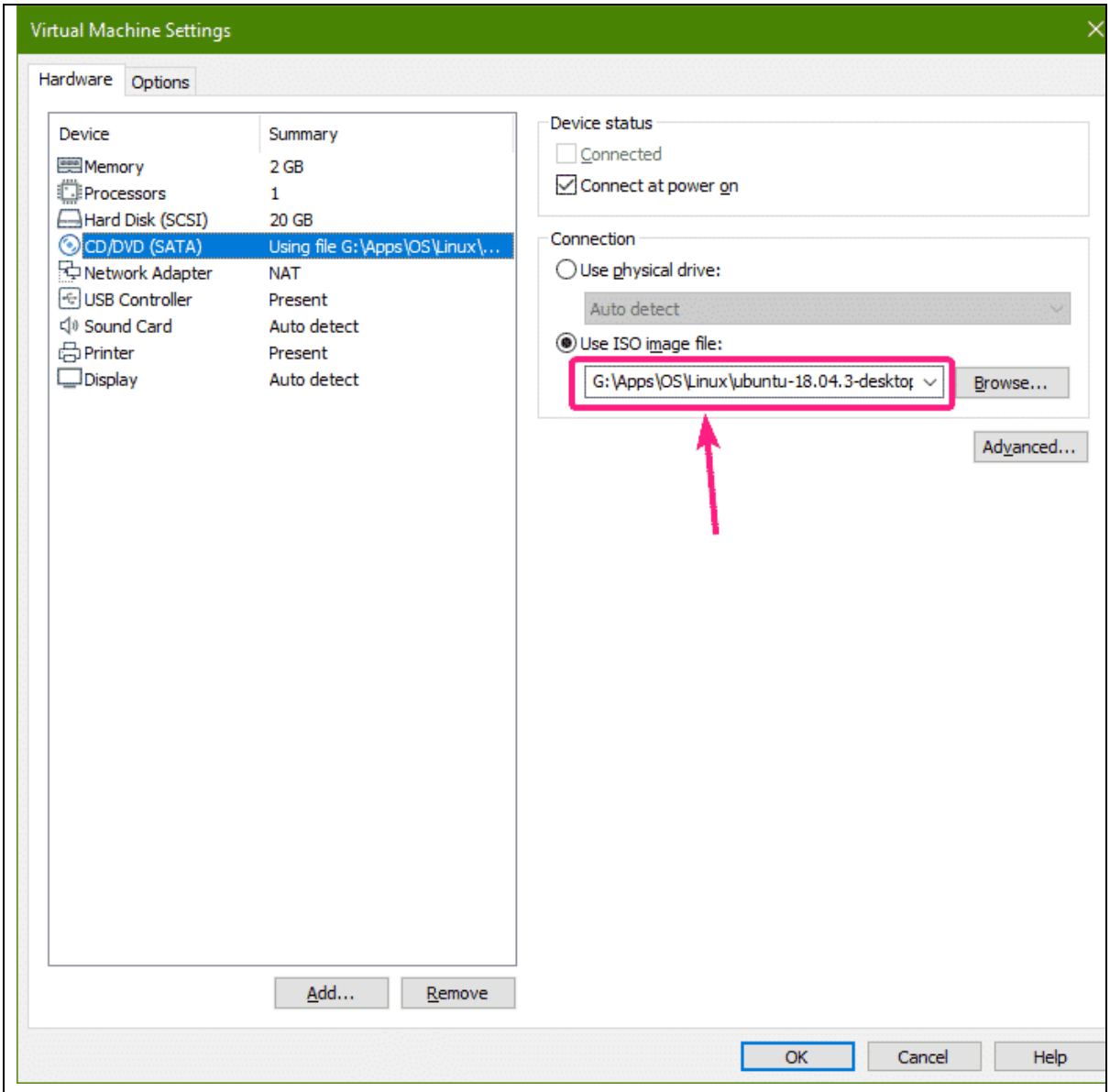
Now, click on Browse.



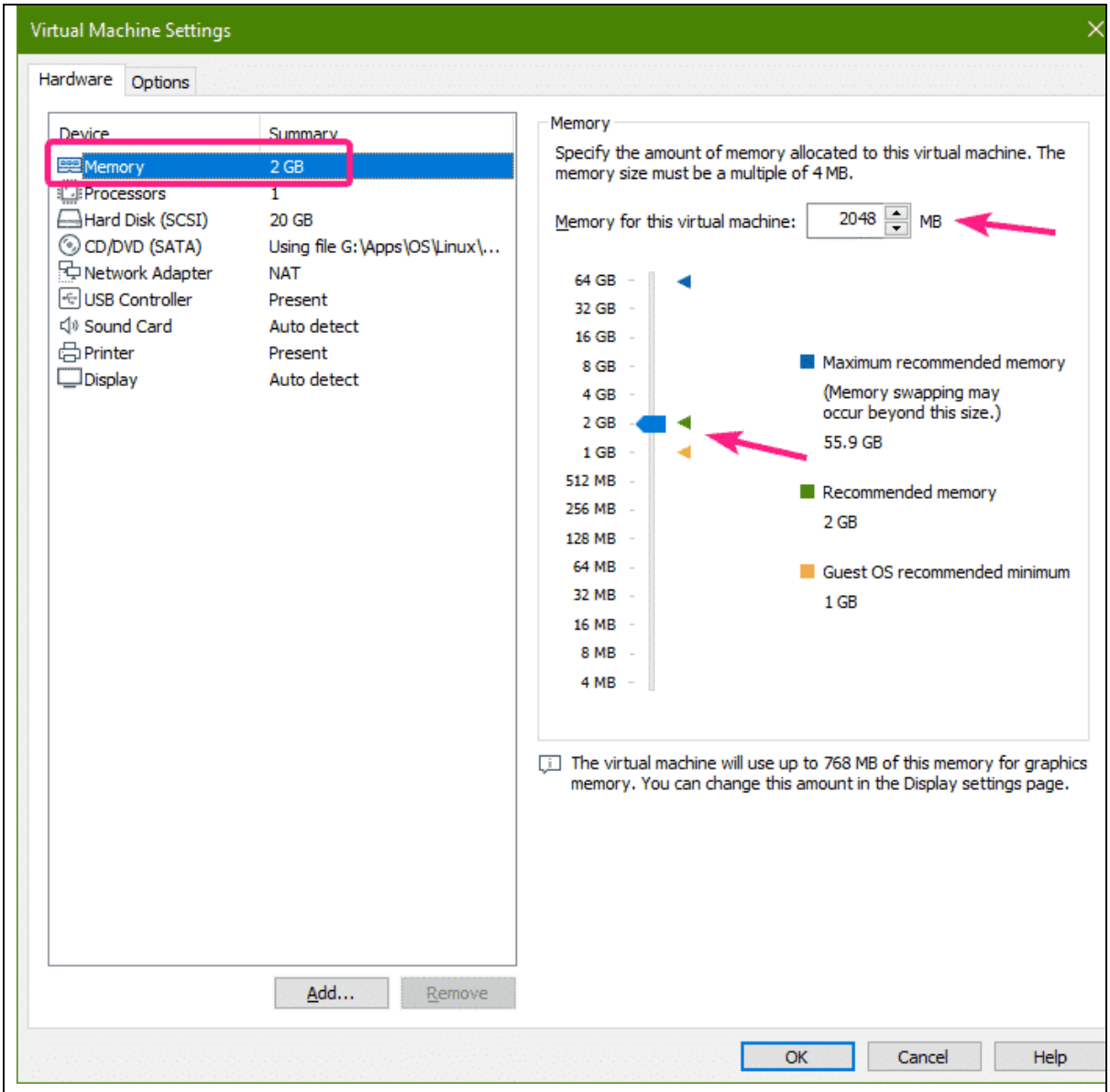
A file picker should be opened. Now, select the Ubuntu ISO file that you've downloaded and click on **Open**.



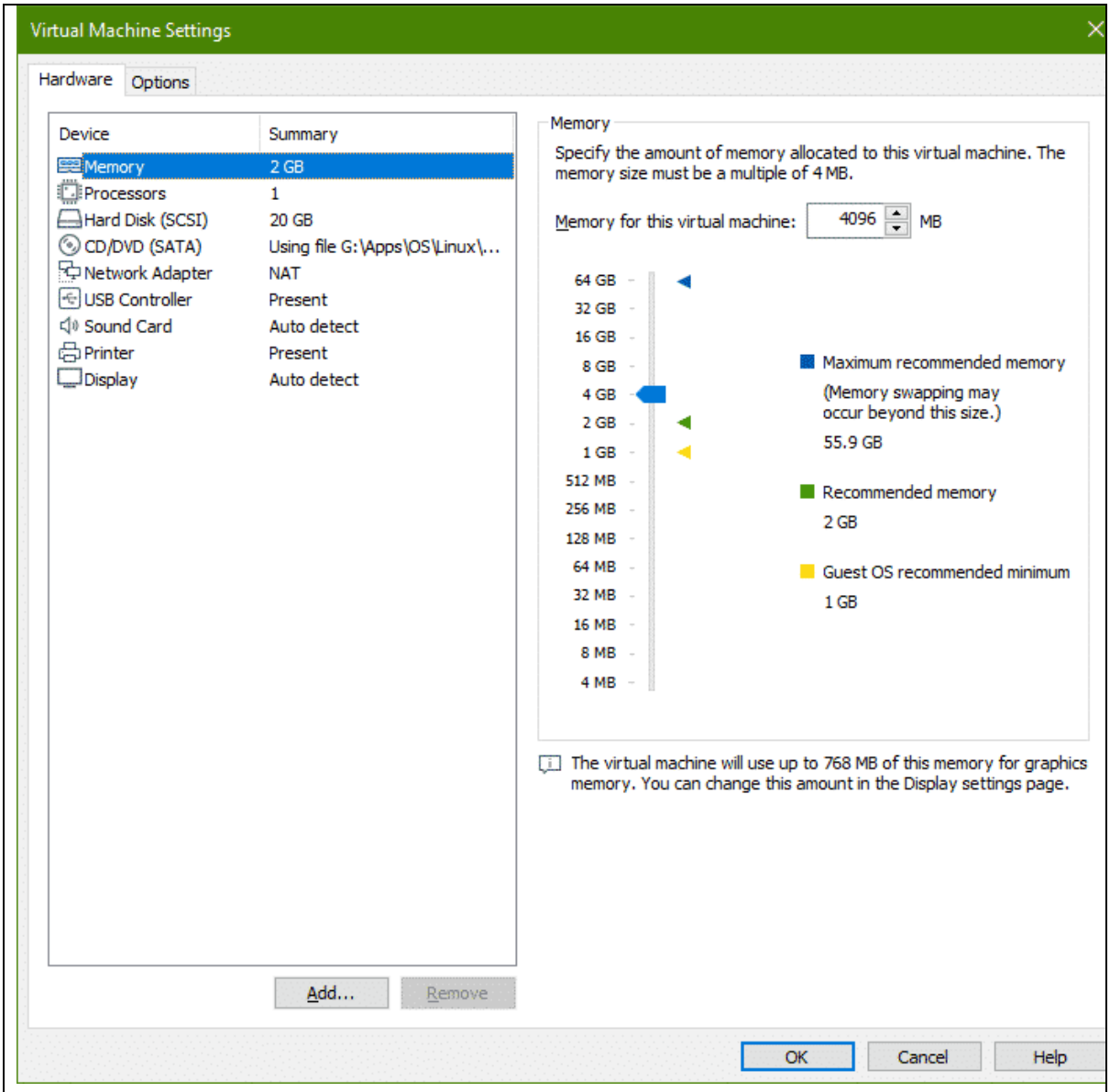
The Ubuntu ISO file should be selected.



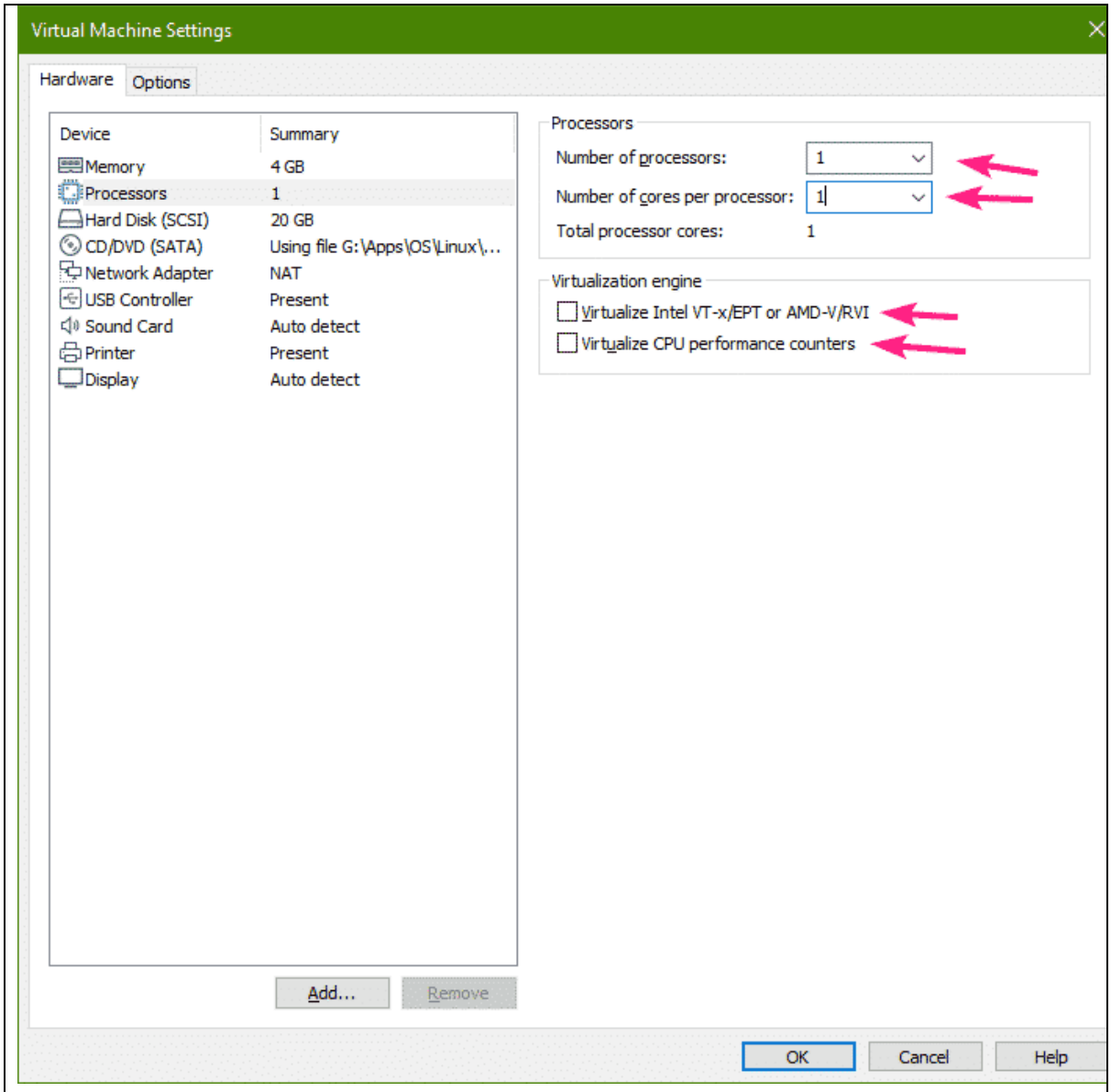
Now, go to the **Memory** settings. Here, 2 GB of memory (RAM) is selected by default. If you want to change the memory, you can either type in the amount of memory (in MB/megabyte) you want for this virtual machine in the **Memory for this virtual machine** section. Or, you can click and drag the slider up and down to increase or decrease the memory for the virtual machine respectively.



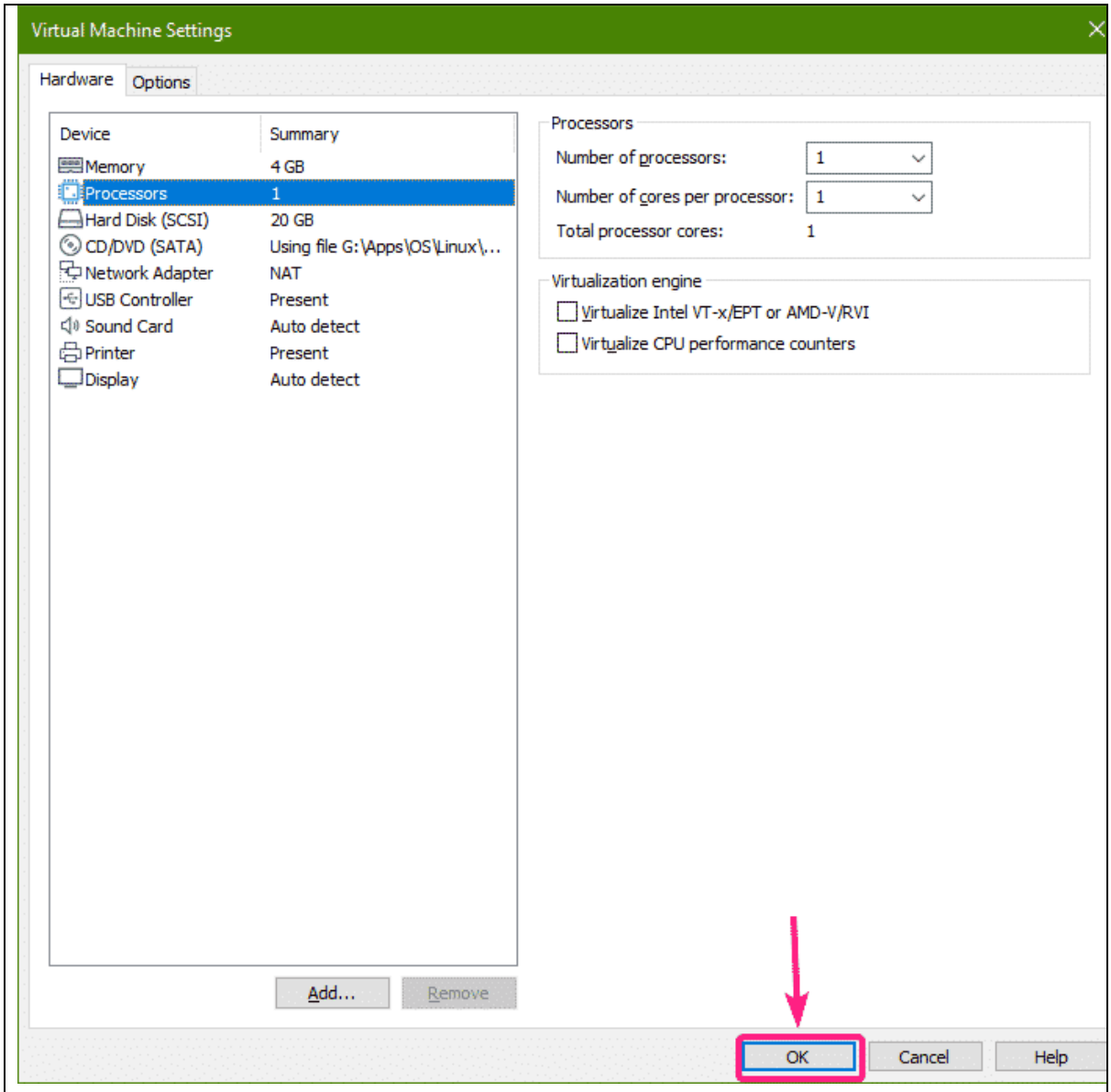
I will set 4 GB or 4096 MB of memory for this virtual machine in this article.



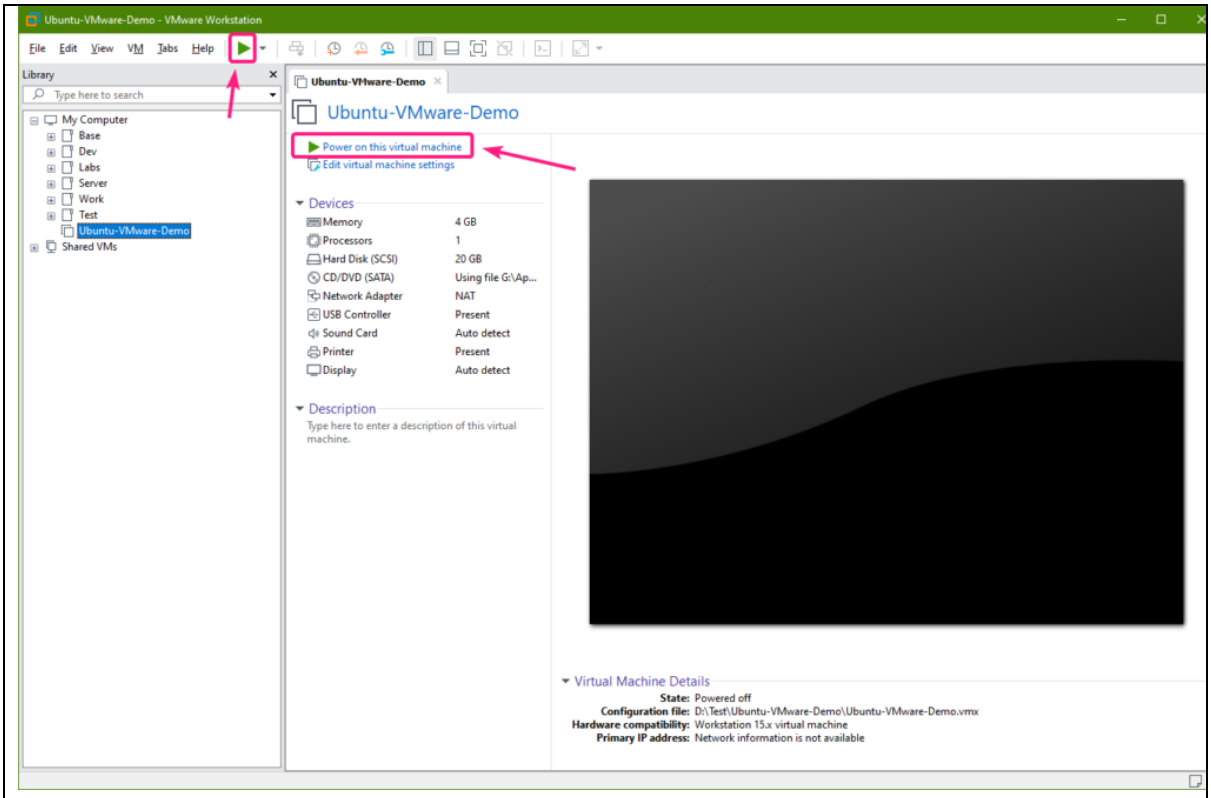
From the Processors settings, you can change the number of virtual processors, and the number of cores to assign to each virtual processor for this virtual machine.
Usually, the **Number of processors** is set to 1 and **Number of cores per processor** can be 1 or more depending on your need.
If you want to enable nested virtualization (virtualization inside virtual machines), then check the **Virtualize Intel VT-x/EPT or AMD-v/RVI** checkbox.
If you want to use performance tuning softwares in the virtual machine, check the **Virtualize CPU performance counters** checkbox. For this to work, you must have a compatible processor installed on your host computer.



Once you're done, click on **OK**.



Now, click on the button or click on **Power on this virtual machine** to start the virtual machine.



The virtual machine should start. As you can see, Ubuntu is starting from the ISO file.