

Day 2 :

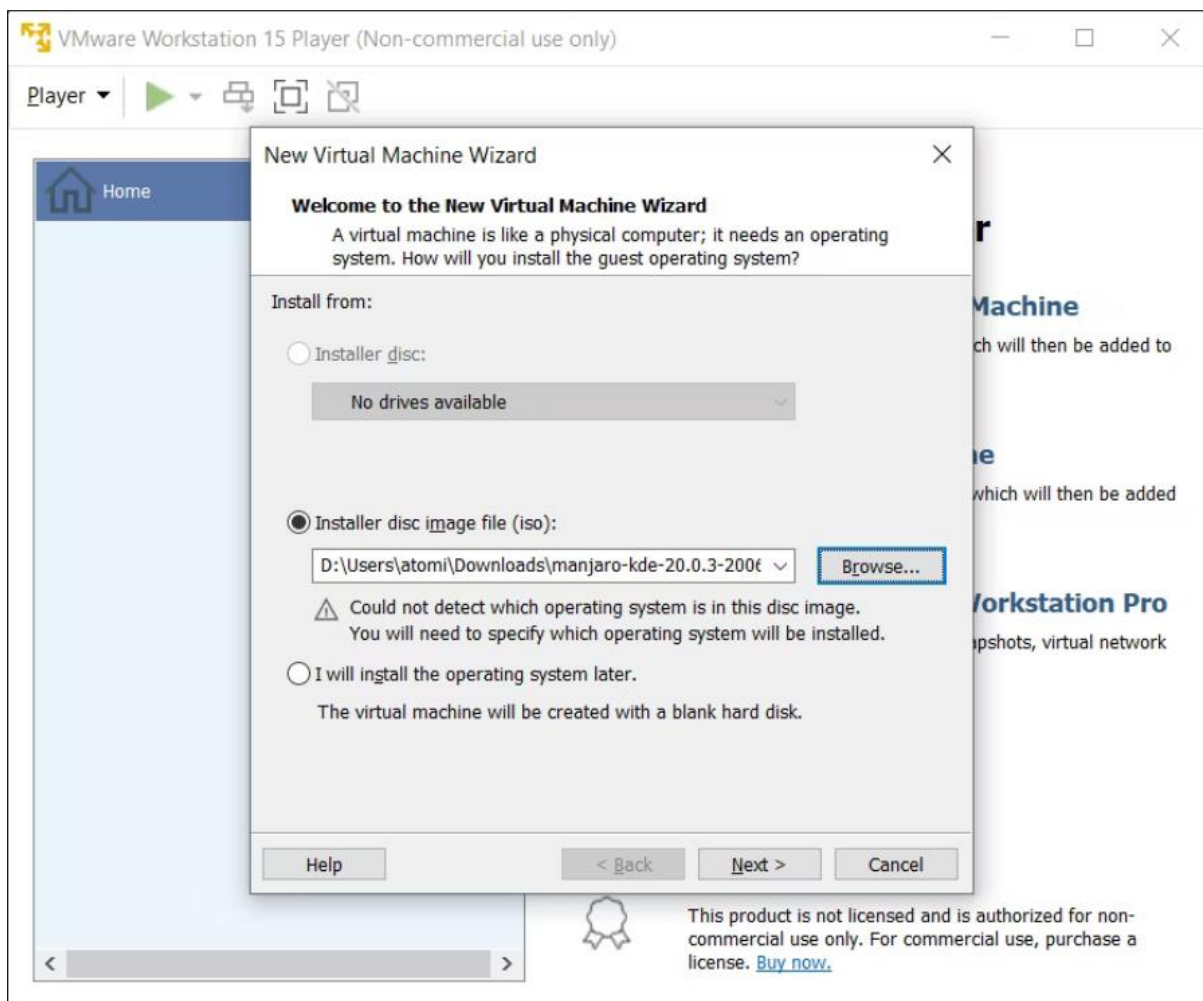
Installation of linux:

Steps of Installation:-

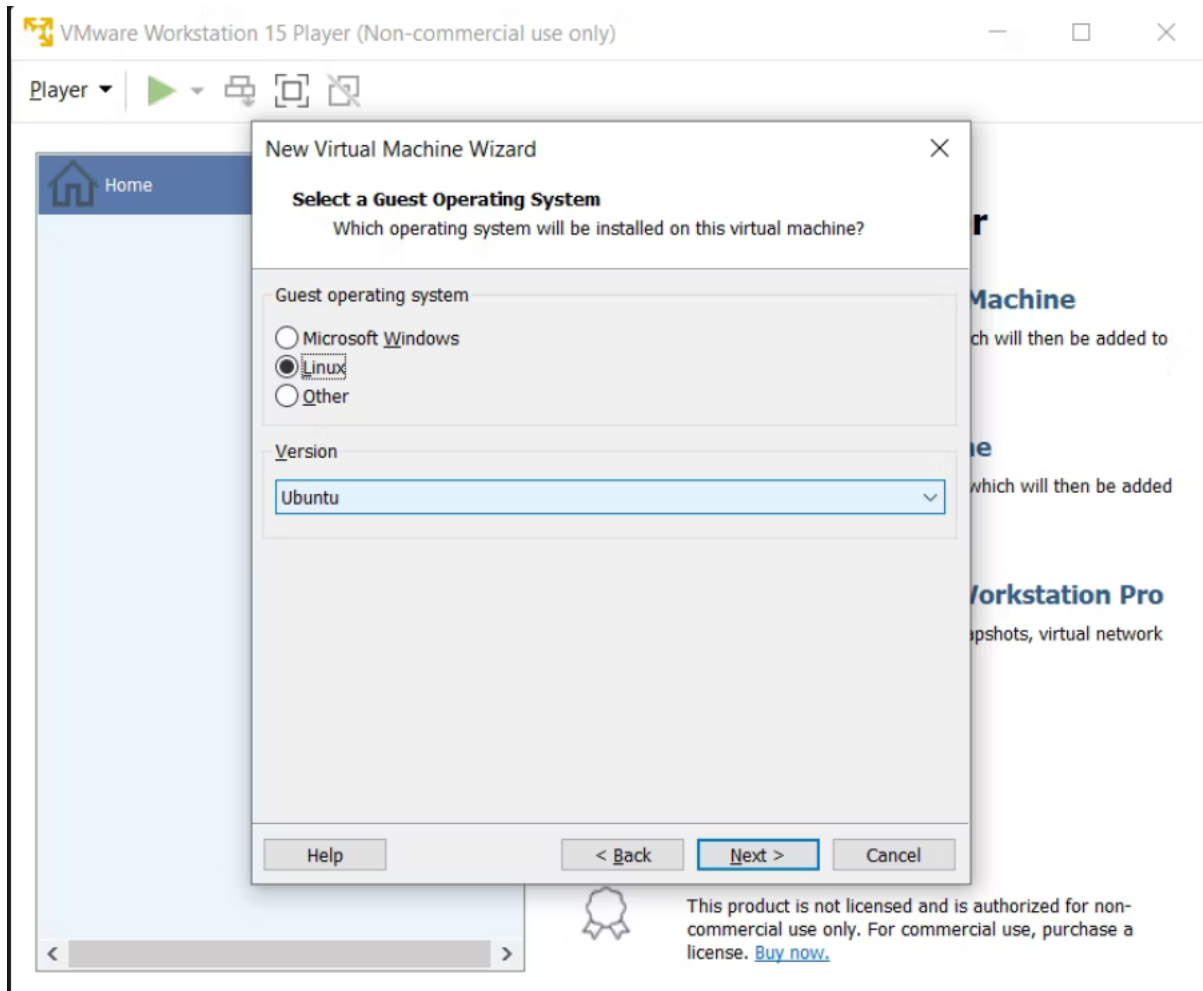
- Use a PC That Supports Virtualization
- Install VMware Workstation Player
- Choose Your Preferred Linux OS
- Create Your Linux Virtual Machine

While your Linux ISO downloads, it's a good time to start configuring your VM. Start by launching VMware Workstation Player. When you're ready to create a VM:

1. Click Create a New Virtual Machine
2. Select the default option, Installer disc image file (iso)
3. Click Browse to find the ISO file



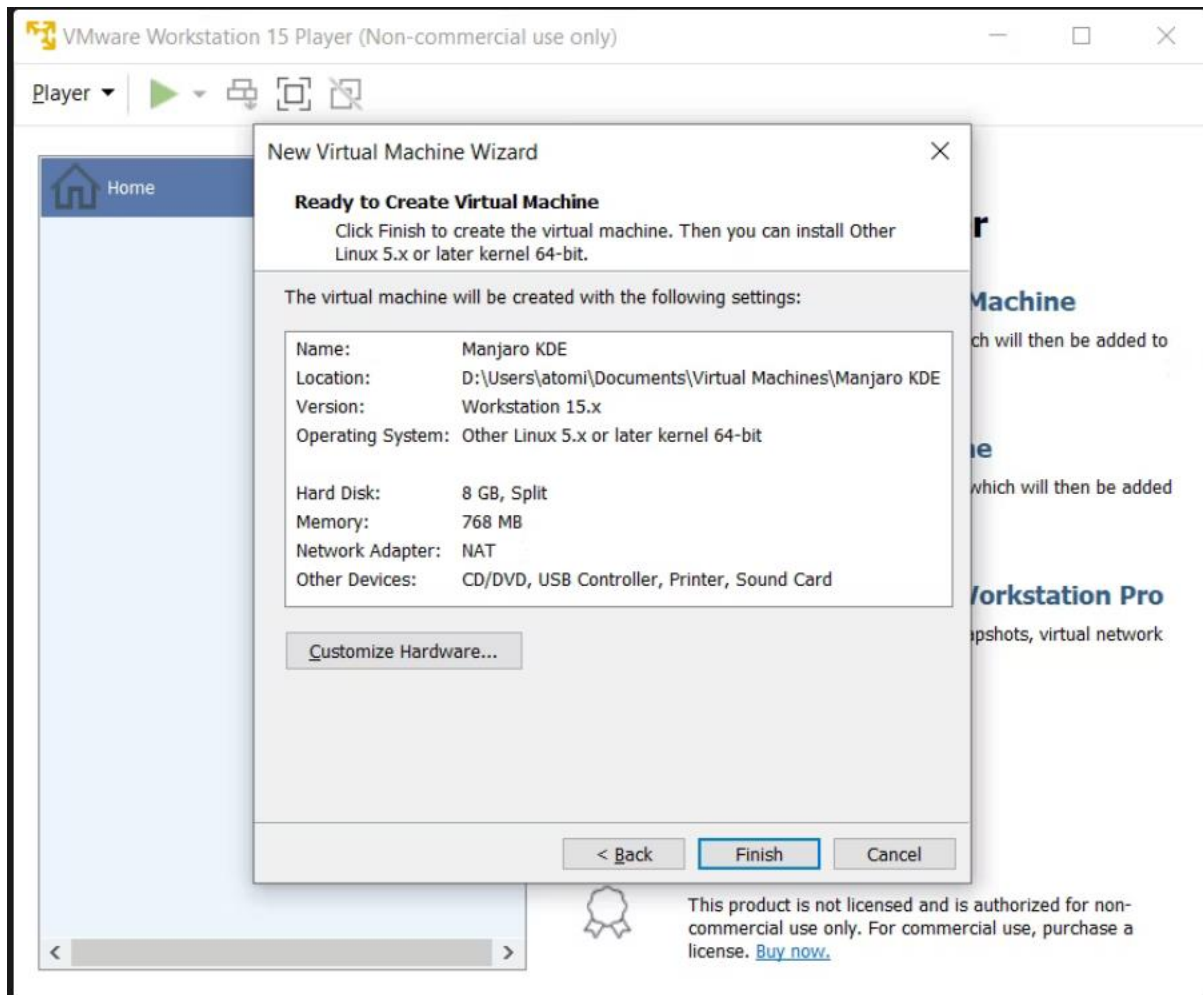
- With "guest" OS selected, click Next
- Select Linux as the Guest operating system type



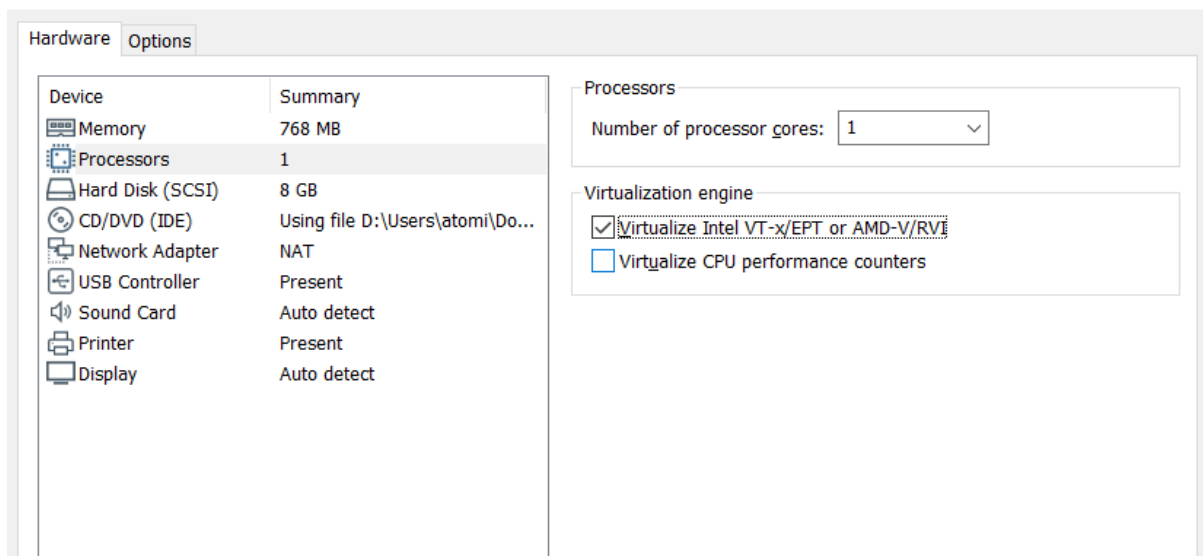
- Under Version, scroll through the list and select the OS
- Click Next to proceed and if necessary, input a Virtual machine name
- Confirm the storage Location and change if needed

With the operating system selected and configured, it's time to build the virtual machine.

1. Under Specify Disk Capacity adjust Maximum disk size if required (the default should be enough)
2. Select Split virtual disk into multiple files as this makes moving the VM to a new PC easy
3. Click Next then confirm the details on the next screen
4. If anything seems wrong click Back, otherwise click Finish



- Your Linux virtual machine will be added to VMware Workstation Player.
- Customize Your Virtual Hardware
- In some cases, you might need to customize the virtual machine before installing Linux. Alternatively, you might install the OS and find there is something missing.
- To fix this, right-click your virtual machine in VMware Workstation Player and select Settings.



- Here, you can tweak the virtual machine's hardware in other ways beyond the HDD. You have options for the Memory, Processors, Network Adaptor configuration, and much more.
- It's worth taking a look at the Processors screen. In the right-hand pane, you'll spot a reference to a Virtualization engine. By default, this works automatically, but for troubleshooting set Intel VT-x or AMD-V, depending on your CPU.
- You can address performance issues in the Memory screen. Here you'll spot an illustration of the suggested RAM size, as well as recommended options for your virtual machine. It's a good idea to stick to these recommendations. Going too small will prove a problem, while setting the RAM too high will impact on your PC's performance, slowing everything from standard system tasks to running the VM software!
- Finally, spare a moment to check the Display settings. Default settings should be fine but if there is an issue with the display you can toggle 3D acceleration. Multiple monitors can be used and custom resolution set, but note that some modes will clash with some desktops.
- Click OK to confirm changes, then select the virtual machine and click the Play button to begin.

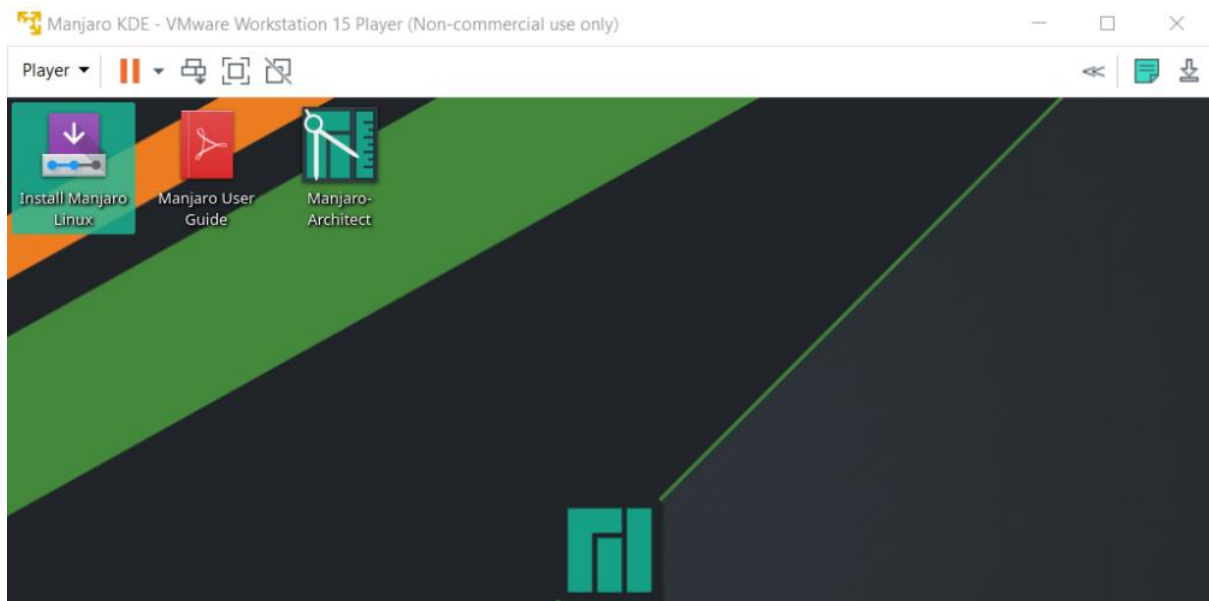


Download and Install VMware Tools

- On the first boot of your virtual machine, you'll be prompted to Download and Install VMware Tools for Linux. Agree to this, then wait as it is downloaded.
- VMware Tools will enhance the performance of the virtual machine while enabling shared folders between host and guest machines.

How to Install Linux in VMware

When the ISO boots in the virtual machine, it will boot into the live environment. This is a temporary Linux that exists only on the boot media and in the system memory. To ensure the environment persists, use the Install option on the desktop.



- From this point, the installation will continue as if you're installing an OS on a physical machine. Progress through the installation wizard, creating a user account and setting other options when prompted.
- Once the installation is complete, you'll be able to log into the Linux virtual machine and start using the guest OS. It's that simple!

How to Run Linux in a Virtual Machine

- Now you can launch the Linux virtual machine at any time using the Play button in VMware Workstation Player.
- Looking for some software to install?
- Often, Linux ships with a number of preinstalled applications but if you want something else, check the [best Linux apps](#).
- By the way, if you just want to get into the Linux terminal, things are far simpler than installing VMware. Check out [how to access the bash shell on Windows](#).
- Install Any Linux Distro in a Virtual Machine on Windows!
- If you want easy access to Linux, the best option is to install it in a virtual machine in Windows. VMware Workstation Player provides the best tools for doing just that.

Installing Linux in VMware is simple. Let's run through the steps again:

1. Download the free VMware Workstation Player
2. Install, and restart Windows

- 3. Create and configure your virtual machine**
- 4. Install Linux in the virtual machine**
- 5. Restart the virtual machine and use Linux**