

Nama : Eko Empu Wibowo

Nim : 123170023

Pretest

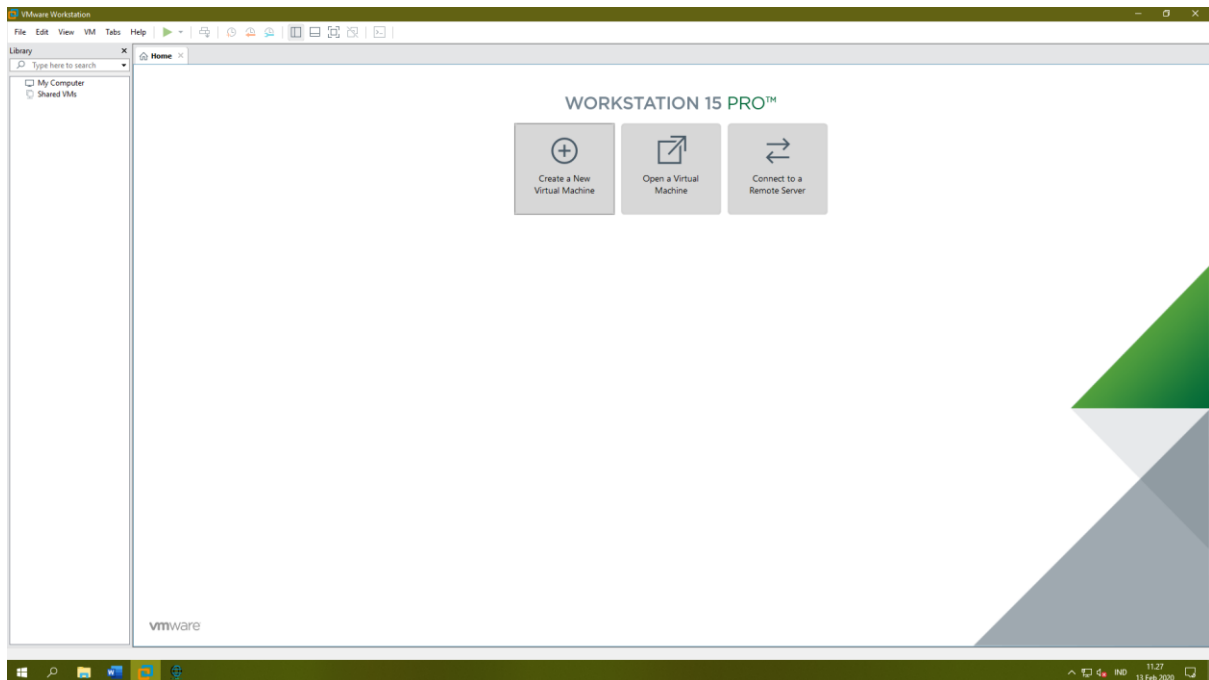
1. Hosting local tanpa cloud adalah proses hosting yang lingkupnya terbatas dan hanya bisa di akses oleh orang tertentu .
 2. Buka webhosting 000webhost >> pindah file web kita ke webhosting >> dan jangan lupa juga inport data base dari pc ke 000webhosting >> sesuaikan nama data base untuk webhosting >> beri alamat untuk web yang akan kita hosting >> hosting .
 3. Hosting dengan cloud ada yang berbayar ada yang gratis . hosting berbayar pasti lebih banyak fitur yang tersedia dan memiliki storage lebih besar di webhosting . sedangkan yang gratis lebih sedikit opsi dan storage lebih kecil yang akan kita dapat .
-

Virtual VMware Workstation Dan OS Linux

Menginstall

>> cek iso yang ada di komputer

>>

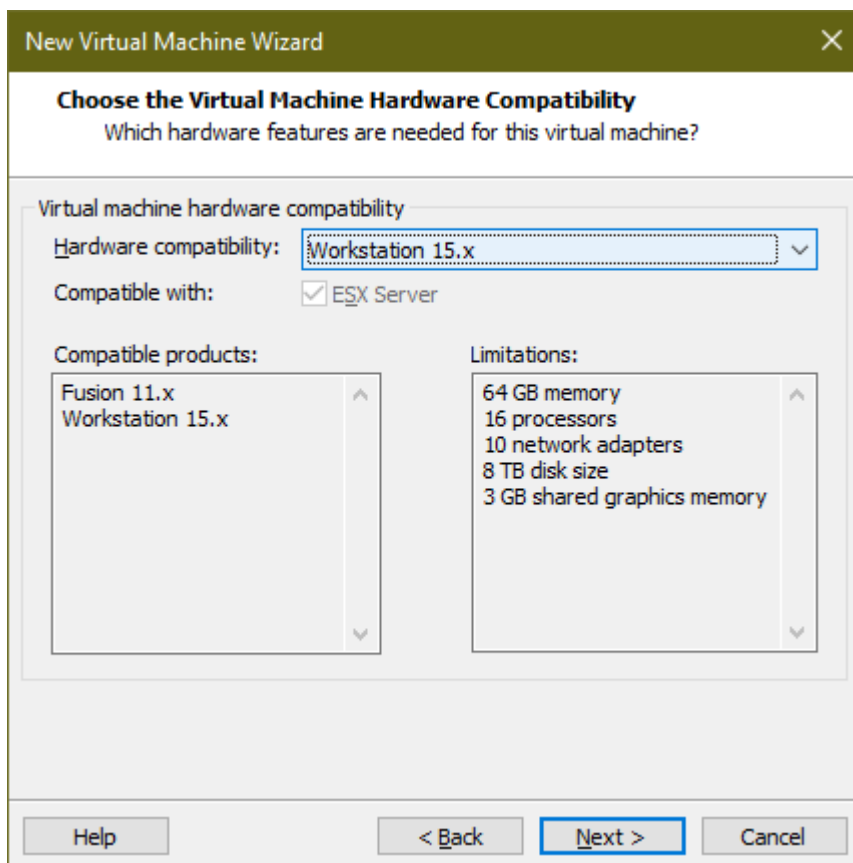


Klik new virtual machine

>> pilih custom



>> gunakan compatibility yang tinggi



>> setelah next , lalu arahkan installer ke file yang ada iso yang akan kita install

New Virtual Machine Wizard

Guest Operating System Installation

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:

DVD RW Drive (F:)

☒ Installer disc image file (iso):

C:\ISO Library\ubuntu-18.10-live-server-amd64.iso

Browse...

Ubuntu 64-bit Server 18.10 detected.
This operating system will use Easy Install. [\(What's this?\)](#)

☐ I will install the operating system later.
The virtual machine will be created with a blank hard disk.

Help

< Back

Next >

Cancel

>> isi biodata

New Virtual Machine Wizard

Easy Install Information

This is used to install Ubuntu 64-bit.

Personalize Linux

Full name:

eko empu wibowo

User name:

ekoempu

Password:

●●●●●●●●

Confirm:

●●●●●●●●

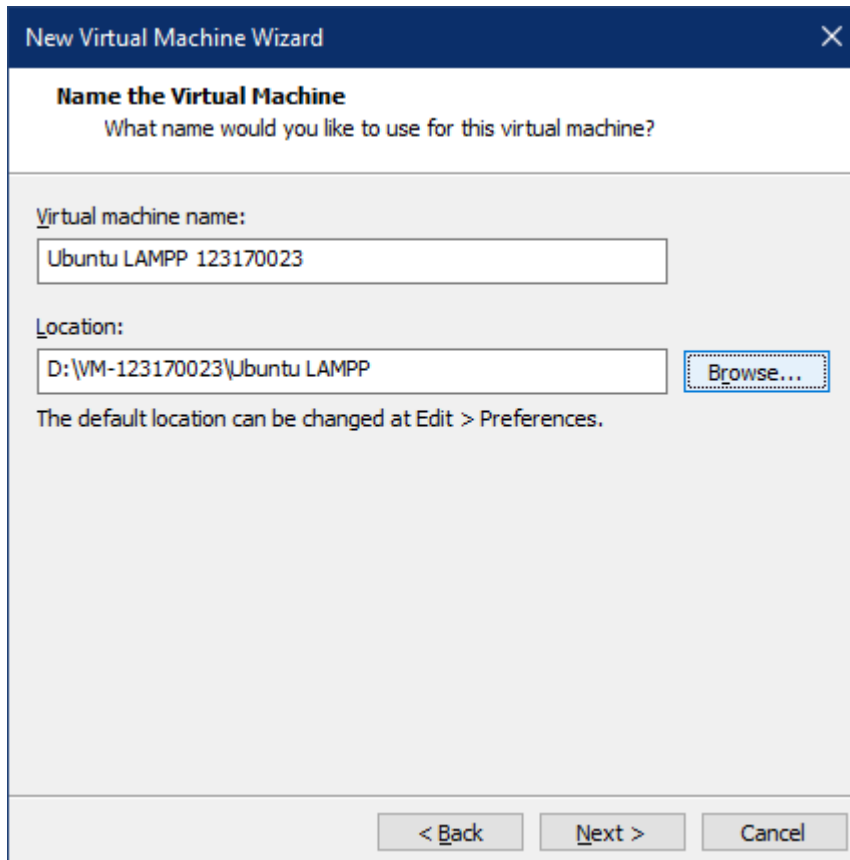
Help

< Back

Next >

Cancel

>> beri nama dan tempat kan pada file yang kita inginkan



The screenshot shows the 'Name the Virtual Machine' step of the 'New Virtual Machine Wizard'. The window title is 'New Virtual Machine Wizard'. The main heading is 'Name the Virtual Machine' with the instruction 'What name would you like to use for this virtual machine?'. There are two input fields: 'Virtual machine name:' containing 'Ubuntu LAMPP 123170023' and 'Location:' containing 'D:\VM-123170023\Ubuntu LAMPP'. A 'Browse...' button is next to the location field. A note states 'The default location can be changed at Edit > Preferences.' At the bottom are buttons for '< Back', 'Next >', and 'Cancel'.

New Virtual Machine Wizard

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

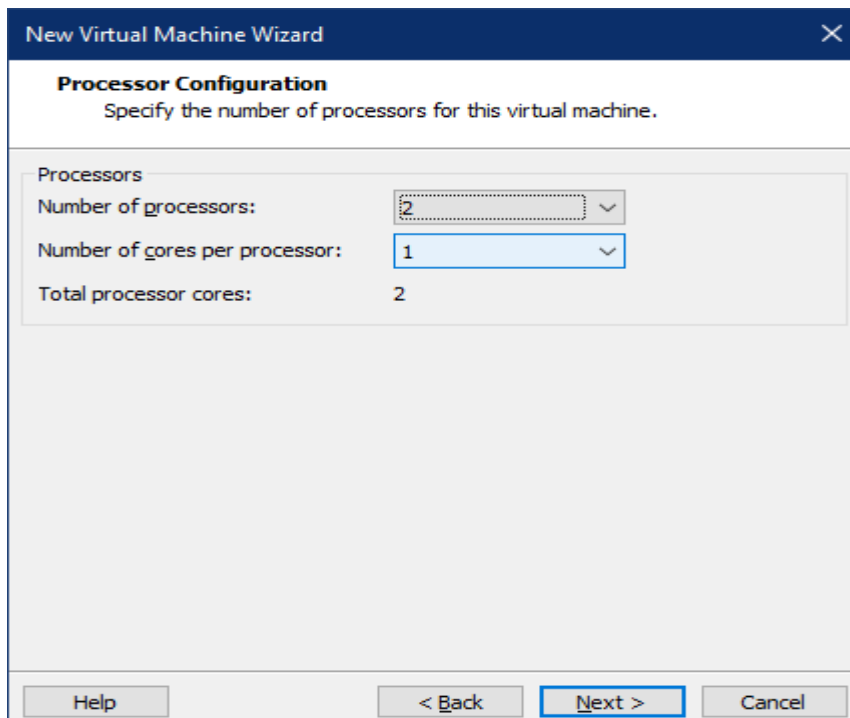
Virtual machine name:
Ubuntu LAMPP 123170023

Location:
D:\VM-123170023\Ubuntu LAMPP Browse...

The default location can be changed at Edit > Preferences.

< Back Next > Cancel

>> pilih prosesor konfigurasi menjadi 2 core dan 1 prosesor



The screenshot shows the 'Processor Configuration' step of the 'New Virtual Machine Wizard'. The window title is 'New Virtual Machine Wizard'. The main heading is 'Processor Configuration' with the instruction 'Specify the number of processors for this virtual machine.' There are two dropdown menus: 'Number of processors:' set to '2' and 'Number of cores per processor:' set to '1'. Below these, it shows 'Total processor cores: 2'. At the bottom are buttons for 'Help', '< Back', 'Next >', and 'Cancel'.

New Virtual Machine Wizard

Processor Configuration
Specify the number of processors for this virtual machine.

Processors

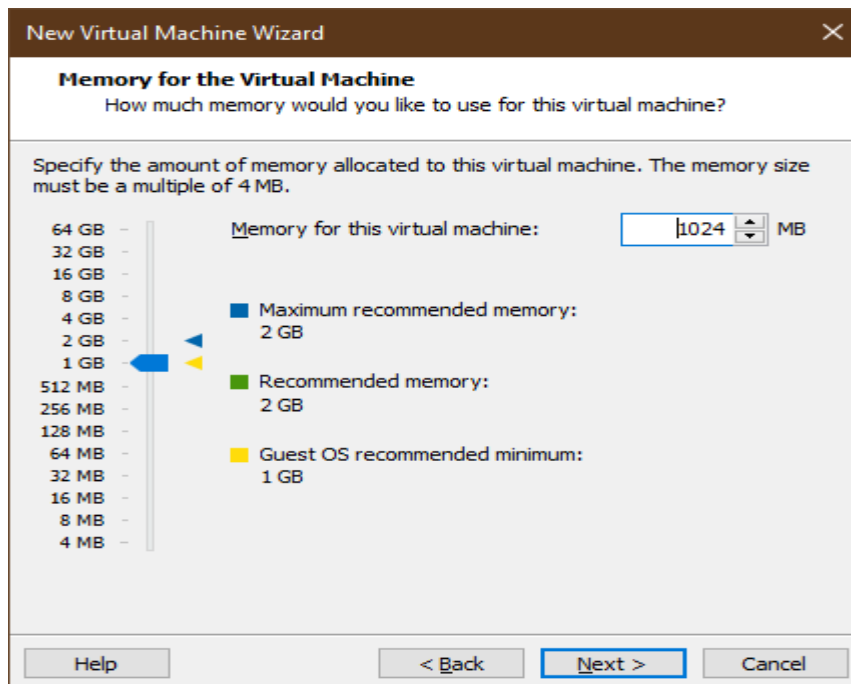
Number of processors: 2

Number of cores per processor: 1

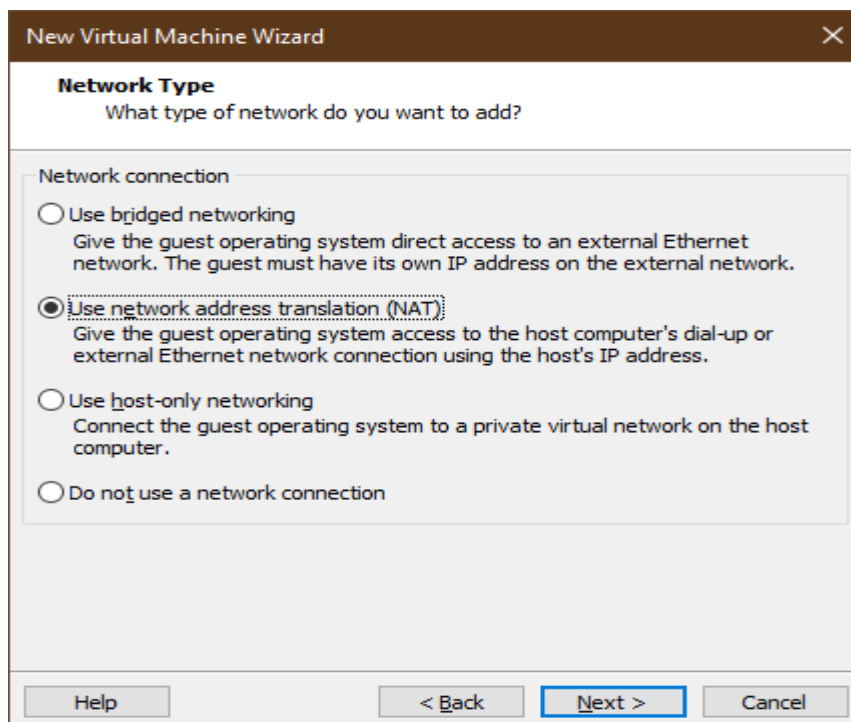
Total processor cores: 2

Help < Back Next > Cancel

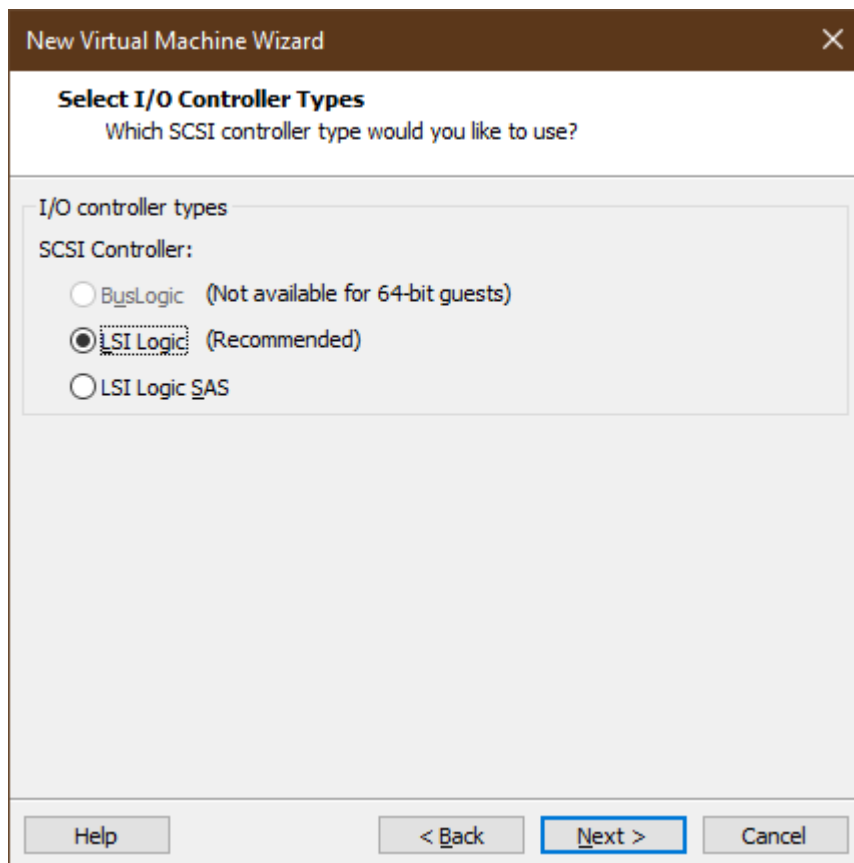
>>gunakan parameter memory sebanyak 1 Gb



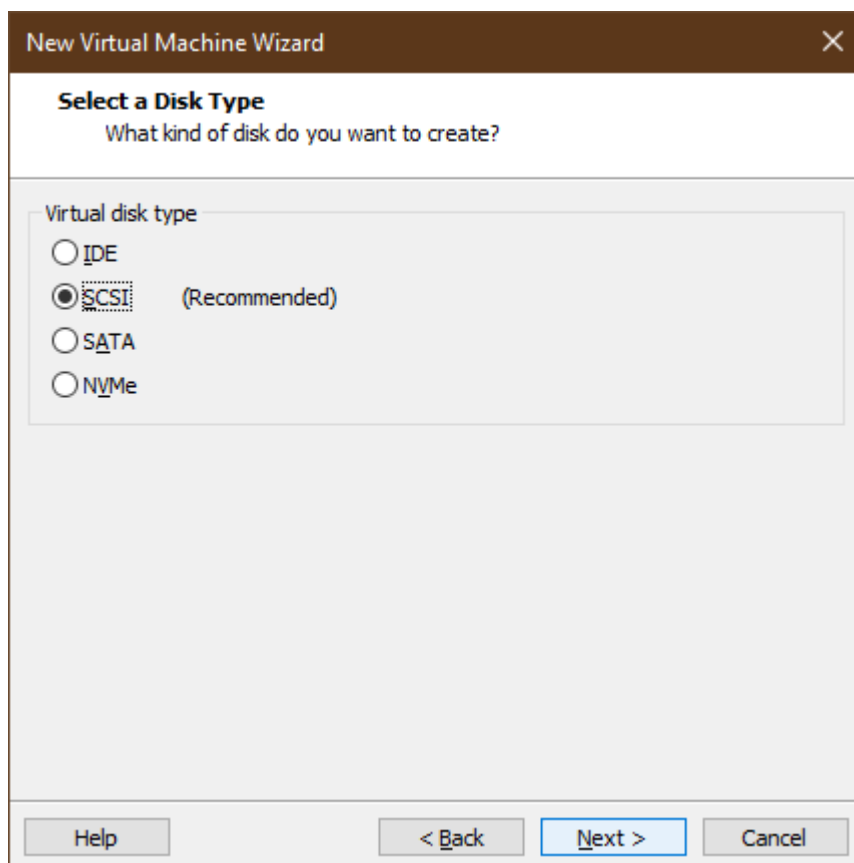
>>pilih network mode NAT



>>pilih controler type LSI Logic (Recommended)



>>pilih disk type SCSI (Recommended)



>> dikarenakan sebelumnya belum pernah memiliki virtual disk , maka pilih create a new virtual disk

The screenshot shows the 'New Virtual Machine Wizard' window with the title bar 'New Virtual Machine Wizard' and a close button. The main heading is 'Select a Disk' with the subtitle 'Which disk do you want to use?'. Below this, there is a 'Disk' section with three radio button options: 'Create a new virtual disk' (selected), 'Use an existing virtual disk', and 'Use a physical disk (for advanced users)'. Each option has a descriptive paragraph. At the bottom, there are four buttons: 'Help', '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

New Virtual Machine Wizard

Select a Disk
Which disk do you want to use?

Disk

☒ **Create a new virtual disk**
A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.

☐ **Use an existing virtual disk**
Choose this option to reuse a previously configured disk.

☐ **Use a physical disk (for advanced users)**
Choose this option to give the virtual machine direct access to a local hard disk. Requires administrator privileges.

Help **< Back** **Next >** **Cancel**

>>gunakan ukuran default yang disarankan untuk Ubuntu yaitu 20 Gb dan split untuk memudahkan memindah berkas virtual disk

The screenshot shows the 'New Virtual Machine Wizard' window with the title bar 'New Virtual Machine Wizard' and a close button. The main heading is 'Specify Disk Capacity' with the subtitle 'How large do you want this disk to be?'. Below this, there is a 'Maximum disk size (GB):' field with a value of '20.0' and a spin button. Below the field, it says 'Recommended size for Ubuntu 64-bit: 20 GB'. There are three radio button options: 'Allocate all disk space now.', 'Store virtual disk as a single file', and 'Split virtual disk into multiple files' (selected). Each option has a descriptive paragraph. At the bottom, there are four buttons: 'Help', '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

New Virtual Machine Wizard

Specify Disk Capacity
How large do you want this disk to be?

Maximum disk size (GB):

Recommended size for Ubuntu 64-bit: 20 GB

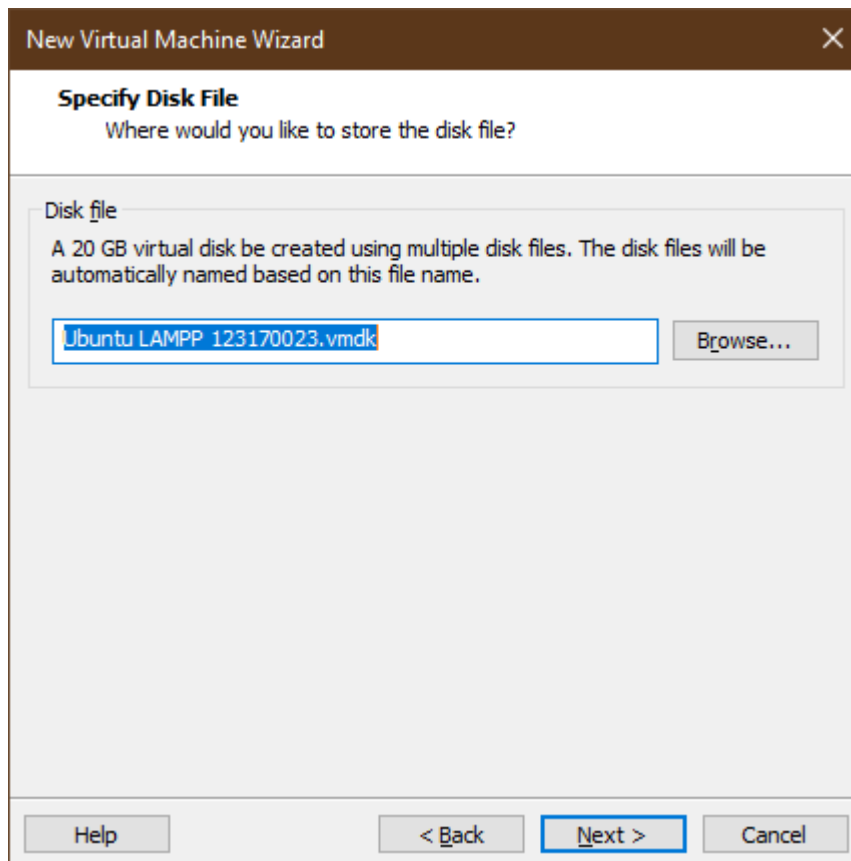
☐ **Allocate all disk space now.**
Allocating the full capacity can enhance performance but requires all of the physical disk space to be available right now. If you do not allocate all the space now, the virtual disk starts small and grows as you add data to it.

☐ **Store virtual disk as a single file**

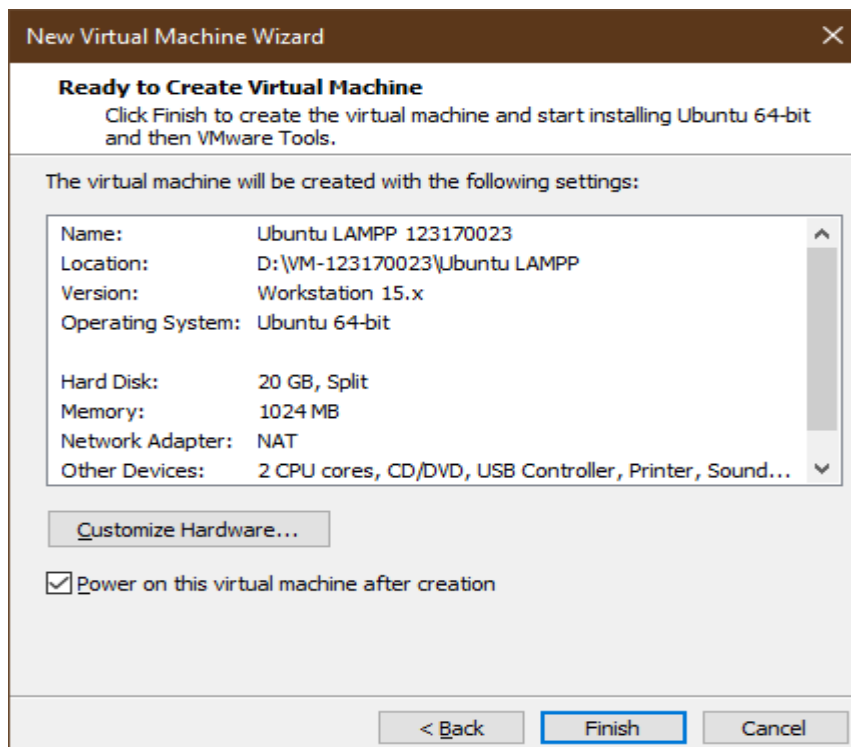
☒ **Split virtual disk into multiple files**
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

Help **< Back** **Next >** **Cancel**

>> pilih virtual machine



>> konfirmasi dan pengecekan apakah sudah benar



>> lalu klik finnish maka akan booting

>> TIPS : untuk interaksi tinggal di klik , jika ingin keluar tinggal tekan ctrl + alt

>> lalu pilih bahasa

>>next lalu keyboard

>>lalu pilih install ubuntu

>>akan muncul network konektiviti

>>configurasi proxy lalu

>>configurasi lokasi

>> lalu pilih use an antire disk

>> lalu keluar file system lalu enter

>>lalu tekan continue

>> lalu isi biodata

>>setelah selesai akan muncul pilahna apk yang mau kita install . setelah selesai tekan done

>> setelah itu tekan reboot now

>> jika terjadi stuck maka klik tombol pilihan samping pause lalu pilih reset

>>jika berhasil maka langsung enter

>> maka keluar username dan password .

>> setelah memasukan username dan password maka akan muncul seperti gambar di bawah

```
Ubuntu 18.10 eko-server tty1

eko-server login: ekoempu
Password:
Welcome to Ubuntu 18.10 (GNU/Linux 4.18.0-25-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Thu Feb 13 05:10:55 UTC 2020

System load:  0.0               Processes:            156
Usage of /:   20.6% of 19.56GB  Users logged in:     0
Memory usage: 25%              IP address for ens3: 192.168.116.129
Swap usage:   0%

183 packages can be updated.
106 updates are security updates.

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ekoempu@eko-server:~$ _
```

>> cara pindah ke root dengan cara ketik "sudo su"

```
ekoempu@eko-server:~$ sudo su
[sudo] password for ekoempu:
root@eko-server:/home/ekoempu# exit
exit
ekoempu@eko-server:~$ _
```

>> mengubah motd dengan cara masuk root lalu ketik "nano etc/motd"

```
GNU nano 2.9.8 /etc/motd Modified
===== SELAMAT DATANG EKO EMPU WIBOWO =====_

Get Help  Write Out  Where Is  Cut Text  Justify  Cut Pos  Undo  Mark Text  To Bracket  Previous
Exit      Read File  Replace  Uncut Text  To Spell  Go To Line  Redo  Copy Text  WhereIs Next  Next
```

>>tekan ctrl + O maka akan muncul tampilan di bawah ini

```
GNU nano 2.9.8 /etc/motd Modified
===== SELAMAT DATANG EKO EMPU WIBOWO =====

File Name to Write: /etc/motd
Get Help  OOS Format  Append  Backup File
Cancel    Mac Format    Prepend  To Files
```

>> lalu enter maka kembali ke awal dengan ctrl + x

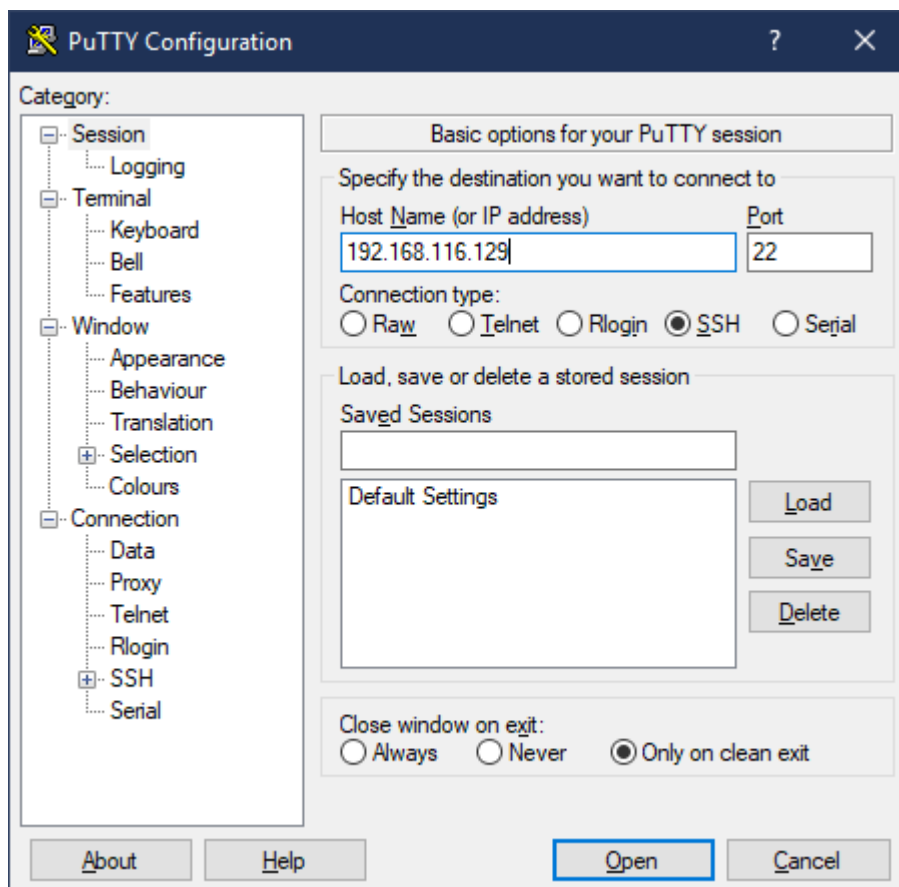
>> cara mendapat ip ketik “ifconfig”

```
ekoempu@eko-server:~$ ifconfig
ens33: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.116.129 netmask 255.255.255.0 broadcast 192.168.116.255
    inet6 fe80::20c:29ff:fee3:a2e6 prefixlen 64 scopeid 0x20<link>
    ether 00:0c:29:e3:a2:e6 txqueuelen 1000 (Ethernet)
    RX packets 777 bytes 629273 (629.2 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 250 bytes 27699 (27.6 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
    inet6 ::1 prefixlen 128 scopeid 0x10<host>
    loop txqueuelen 1000 (Local Loopback)
    RX packets 219 bytes 17200 (17.2 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 219 bytes 17200 (17.2 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

ekoempu@eko-server:~$
```

>> setelah mendapat ip maka masukan ke PuTTY



>> maka akan muncul seperti gambar di bawah

```
ekoempu@eko-server: ~  
login as: ekoempu  
ekoempu@192.168.116.129's password:  
Welcome to Ubuntu 18.10 (GNU/Linux 4.18.0-25-generic x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:       https://ubuntu.com/advantage  
  
System information as of Thu Feb 13 05:32:44 UTC 2020  
  
System load:  0.0           Processes:            166  
Usage of /:   20.6% of 19.56GB Users logged in:       1  
Memory usage: 26%          IP address for ens33: 192.168.116.129  
Swap usage:   0%  
  
183 packages can be updated.  
106 updates are security updates.  
  
Your Ubuntu release is not supported anymore.  
For upgrade information, please visit:  
http://www.ubuntu.com/releaseendoflife  
  
New release '19.10' available.
```