Pertemuan 2

Pengenalan VMware Workstation dan Linux OS

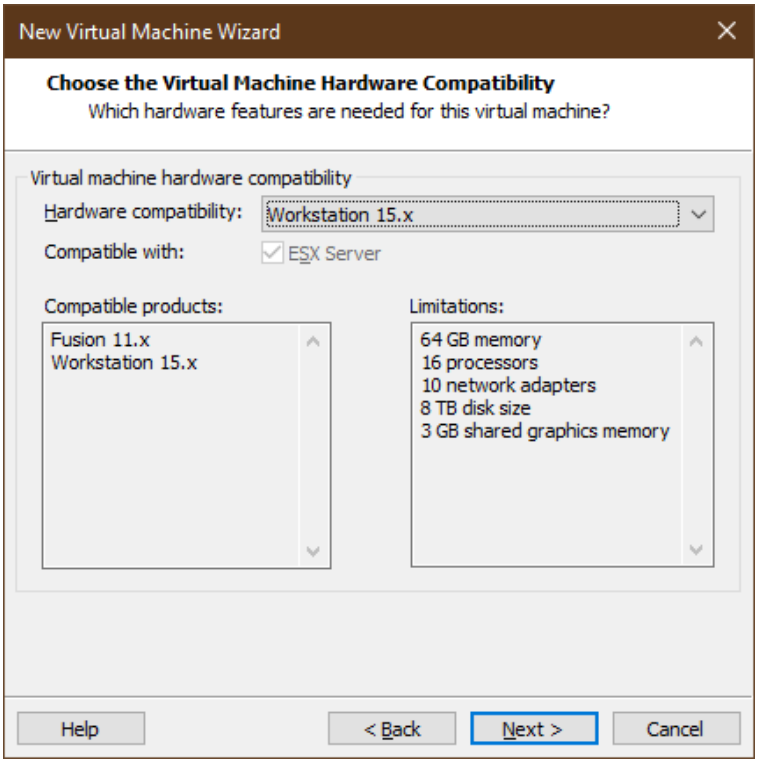
Comceptual Application

VMware Workstation adalah menciptakan versi virtual dari sesuatu misalnya hardware, storage, dan resource dari komputer. Didalam VMware adalah istilah swapping seperti menambahkan RAM jika kurang atau ingin menambahkan ram tambahan, namun akan berpengaruh error pada xampp apache apabila enable swapping VMware.

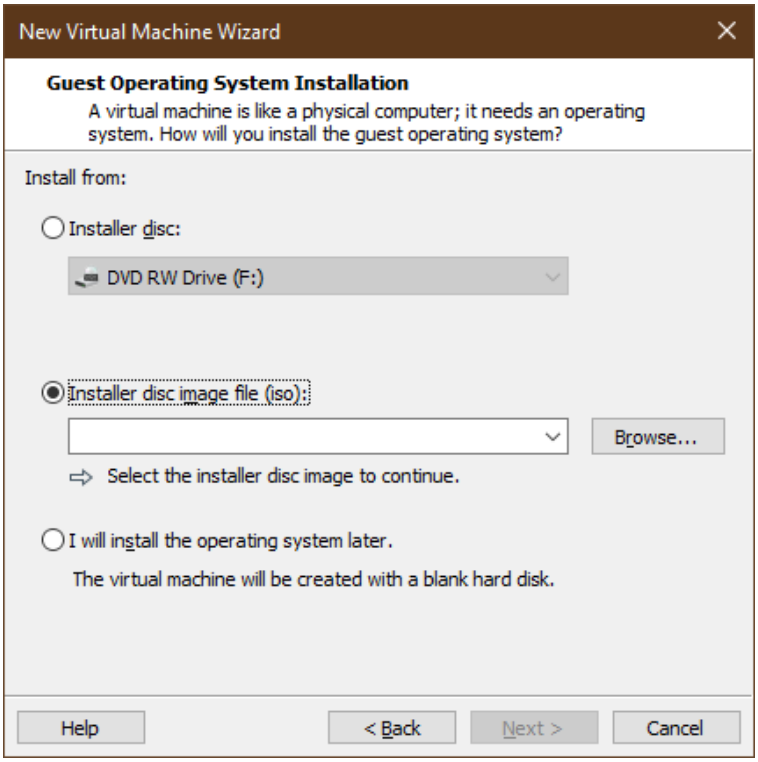
Berikut adalah langkah langkah pembuatan virtual machine :

1. Pilih Custom.

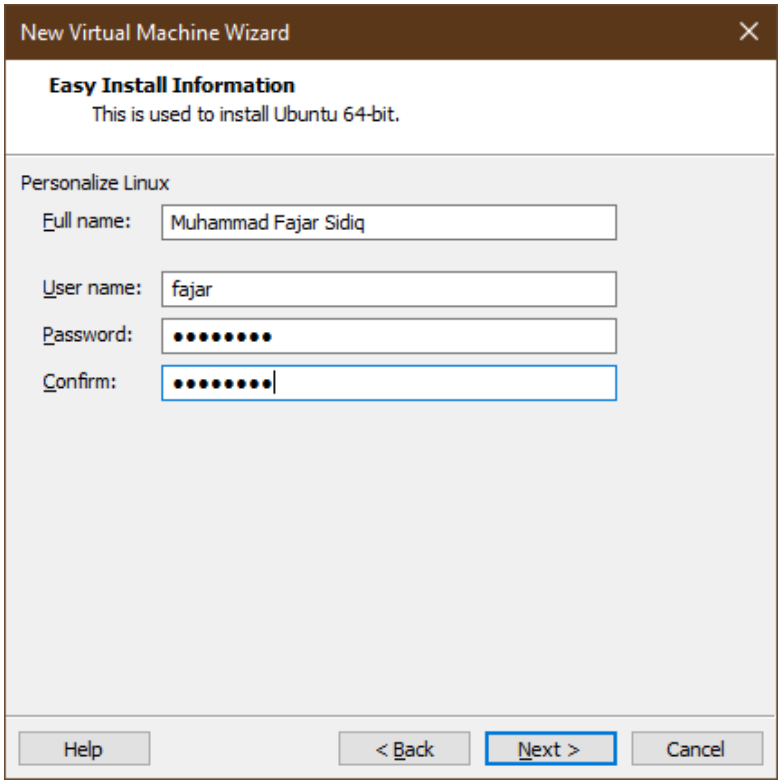
2. Berikut adalah kompatibilitas terhadap os yang akan diinstal, pilih workstation 15.x.



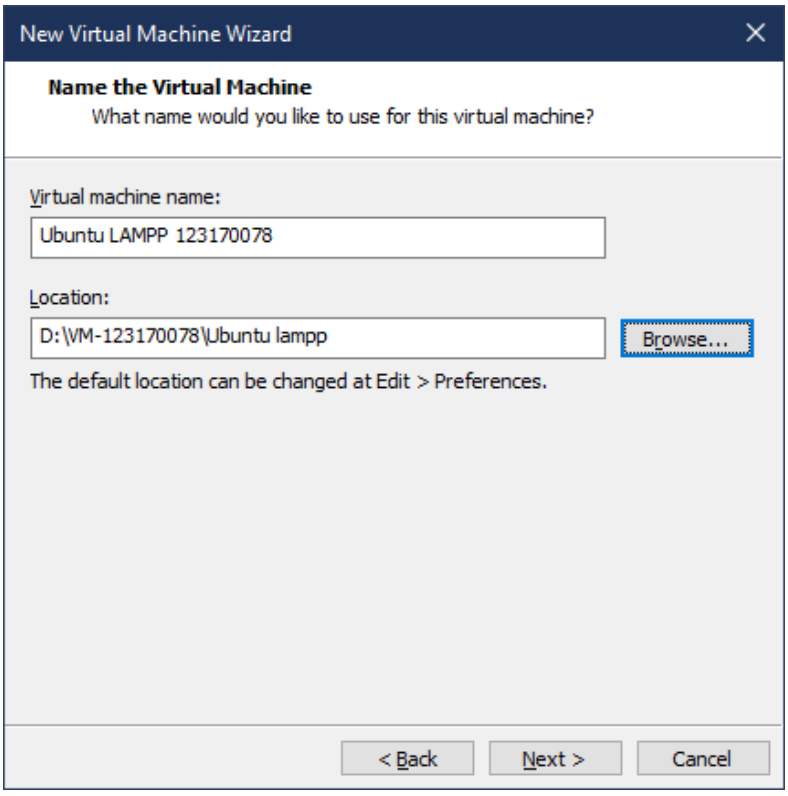
3. Pilih file ISO yang telah di sediakan .



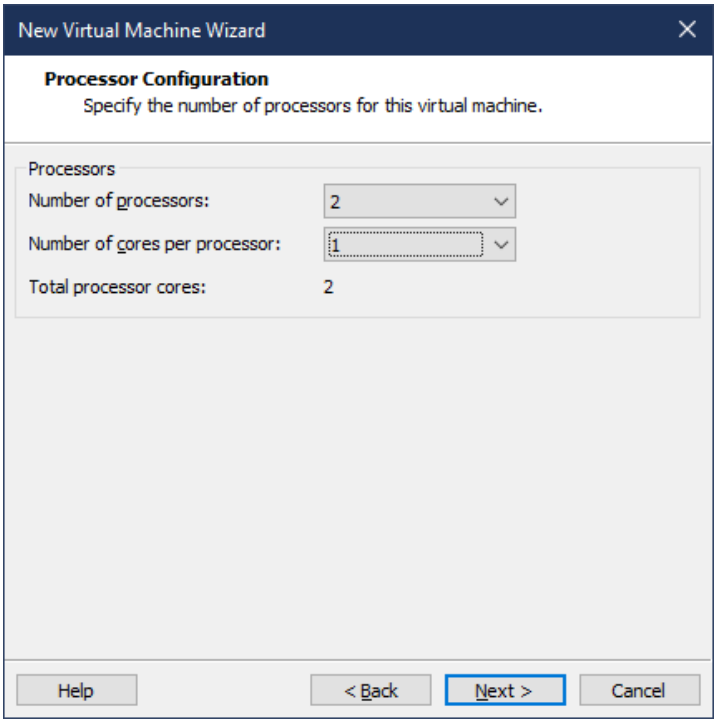
4. Kemudian isi form tersbut.



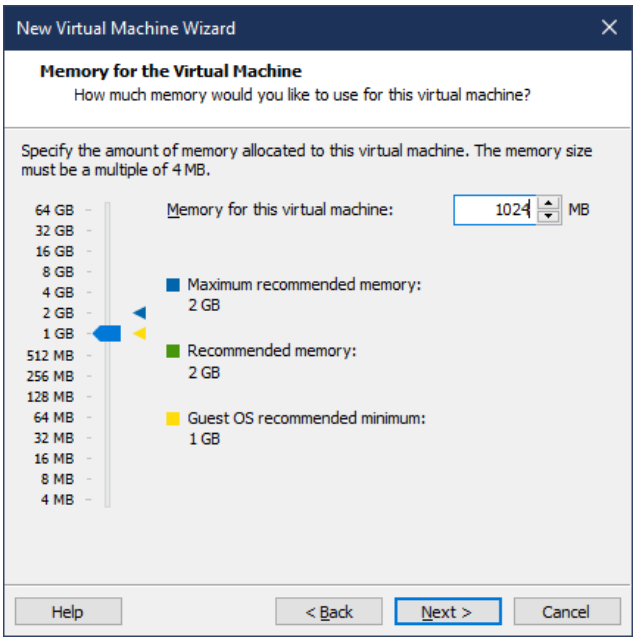
5. Tempatkan pada folder yang ingin ada taruh file Ubuntu nya.



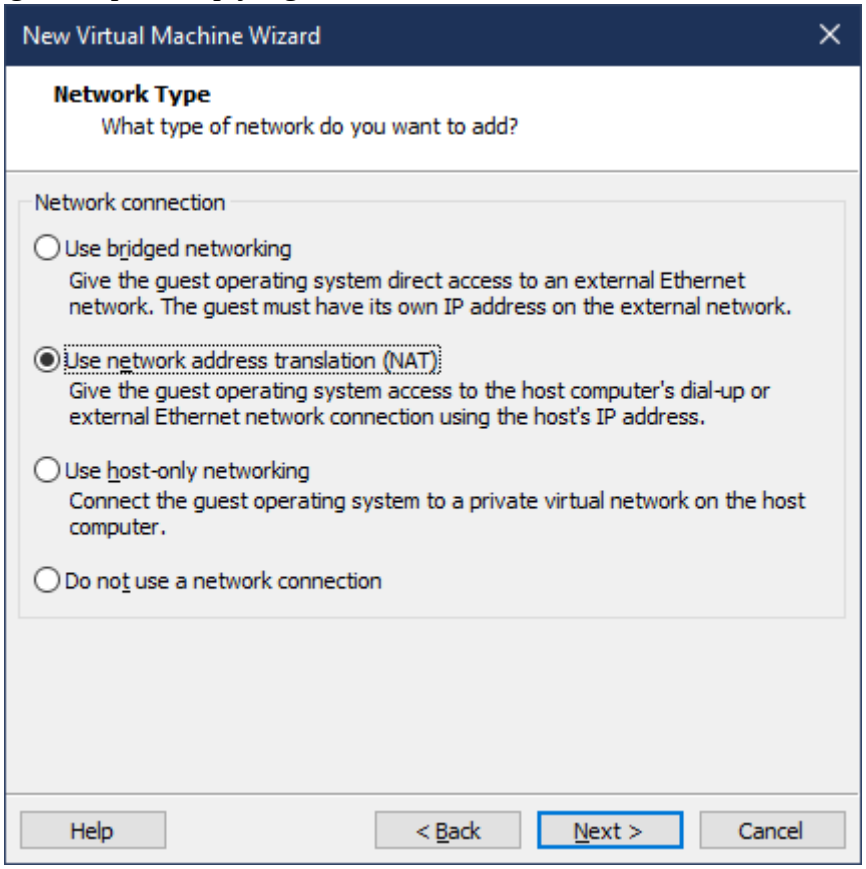
6. Selanjutnya pilih prosesornya 2 dan core 1 satu.



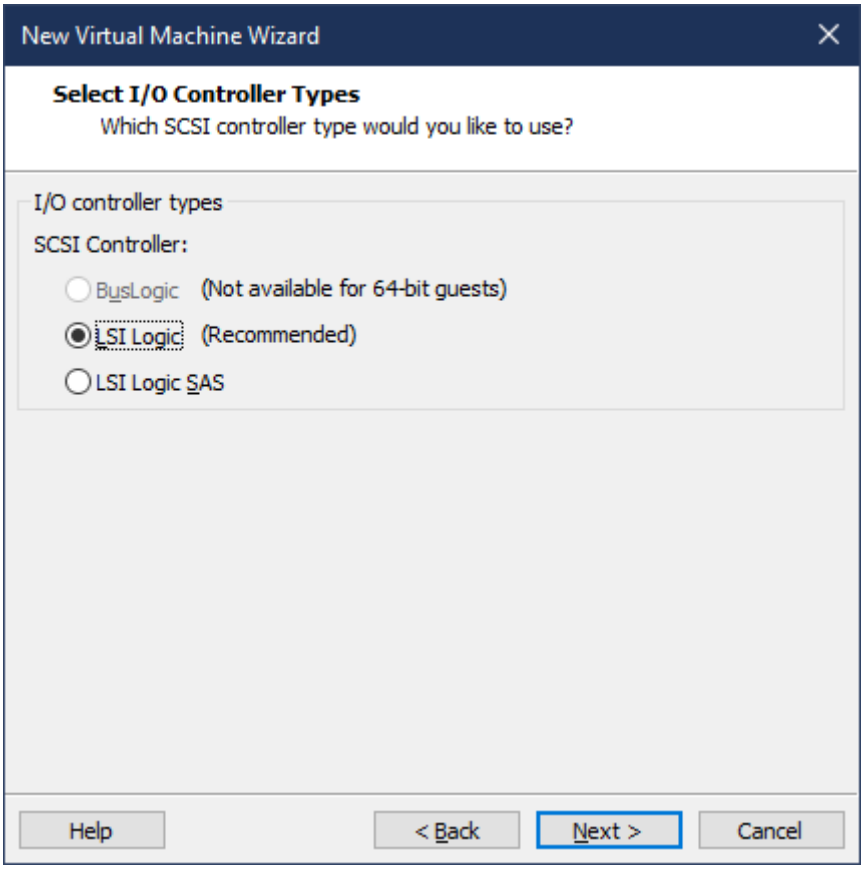
7. Pilih ram yang ingin digunakan untuk virtual machine.



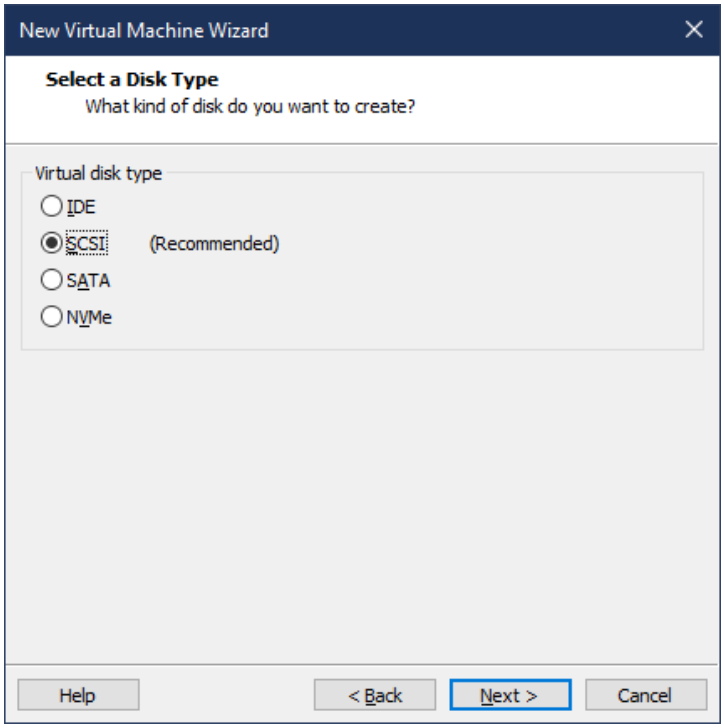
8. Pilih nerwork address translation untuk membentuk ip baru, untuk user bridge networking menciptakan ip yang sama.



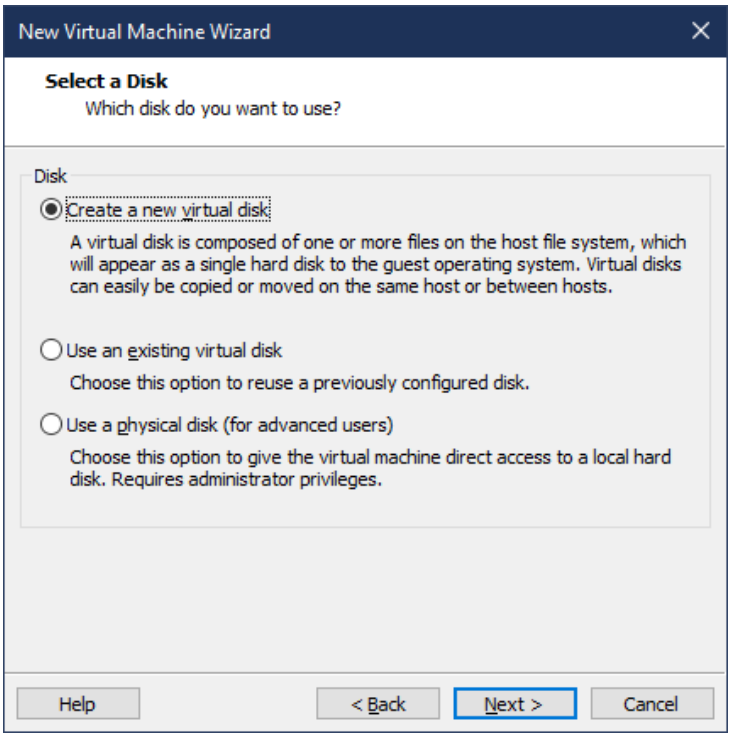
9. Pilih LSI Logic



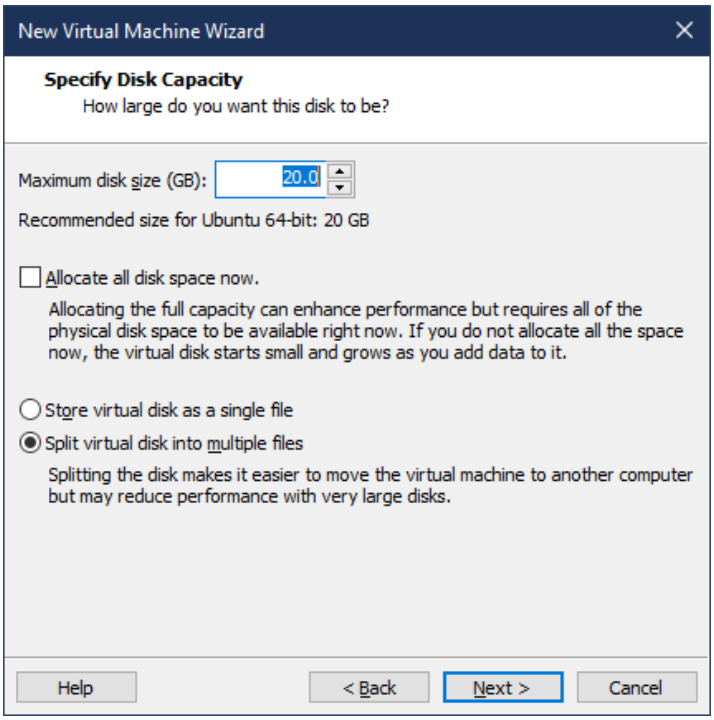
10. Piih SCSI.



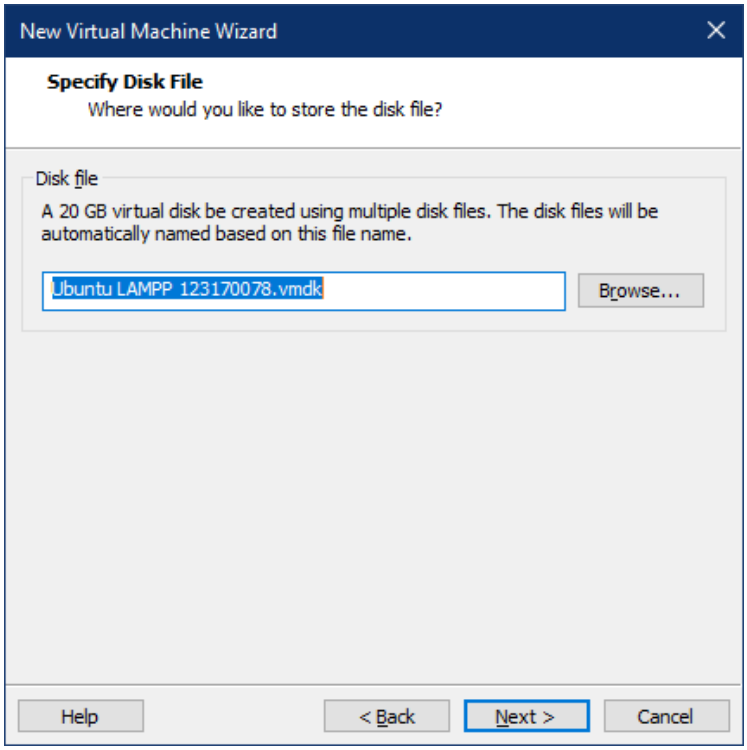
11. Pilih new virtual disk.



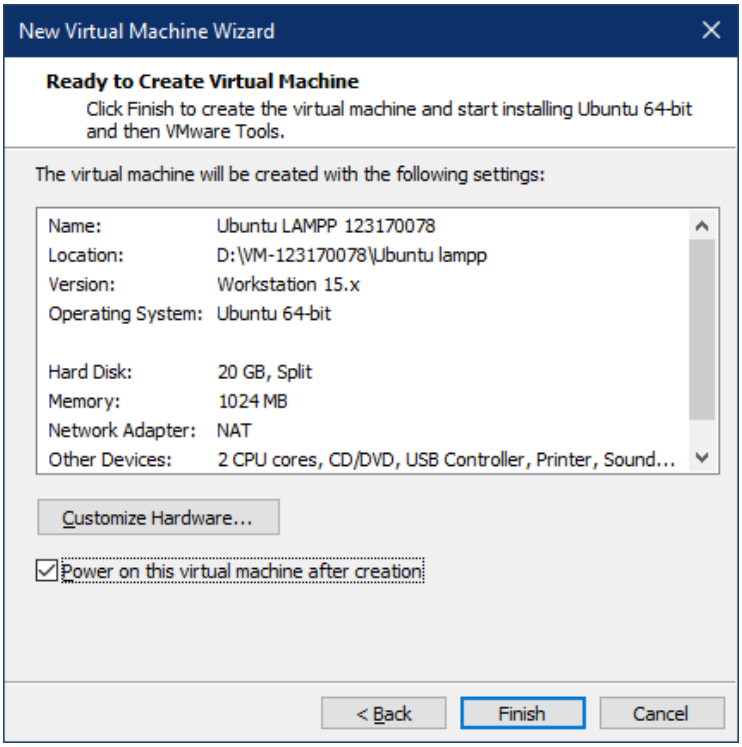
12. Pilih hard disk yang ingin disediakan.



13. Kemudian pilih penempatan disk.

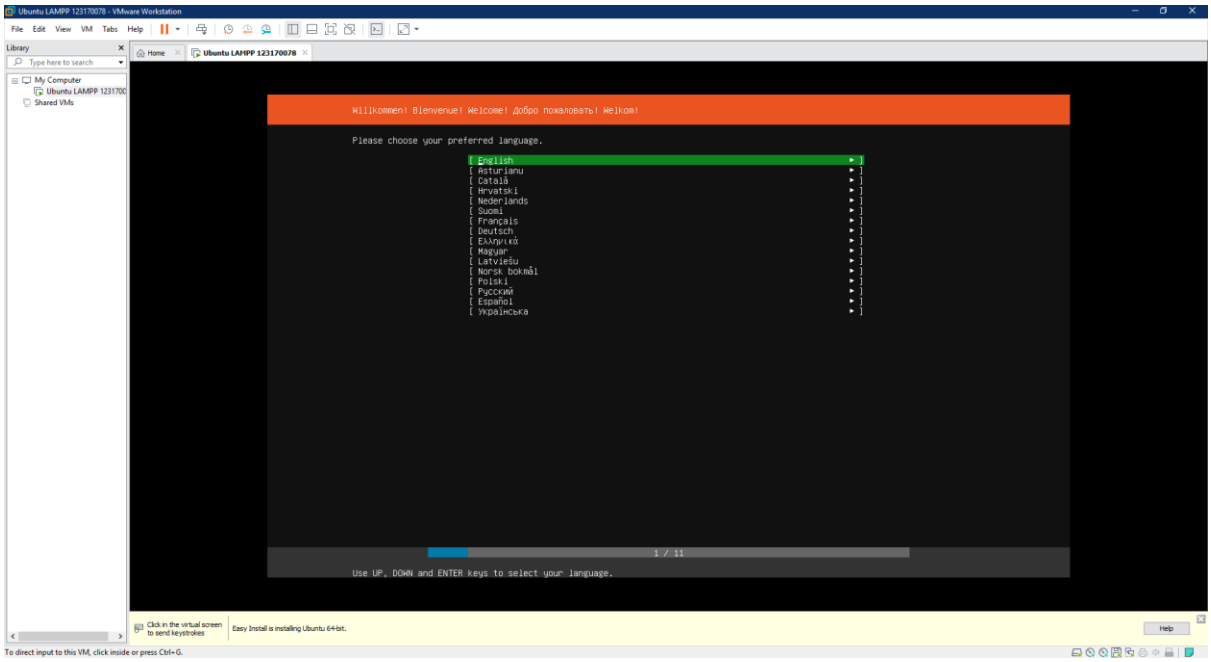


14. Pada halaman ini menampilkan spesifikasi Ubuntunya.

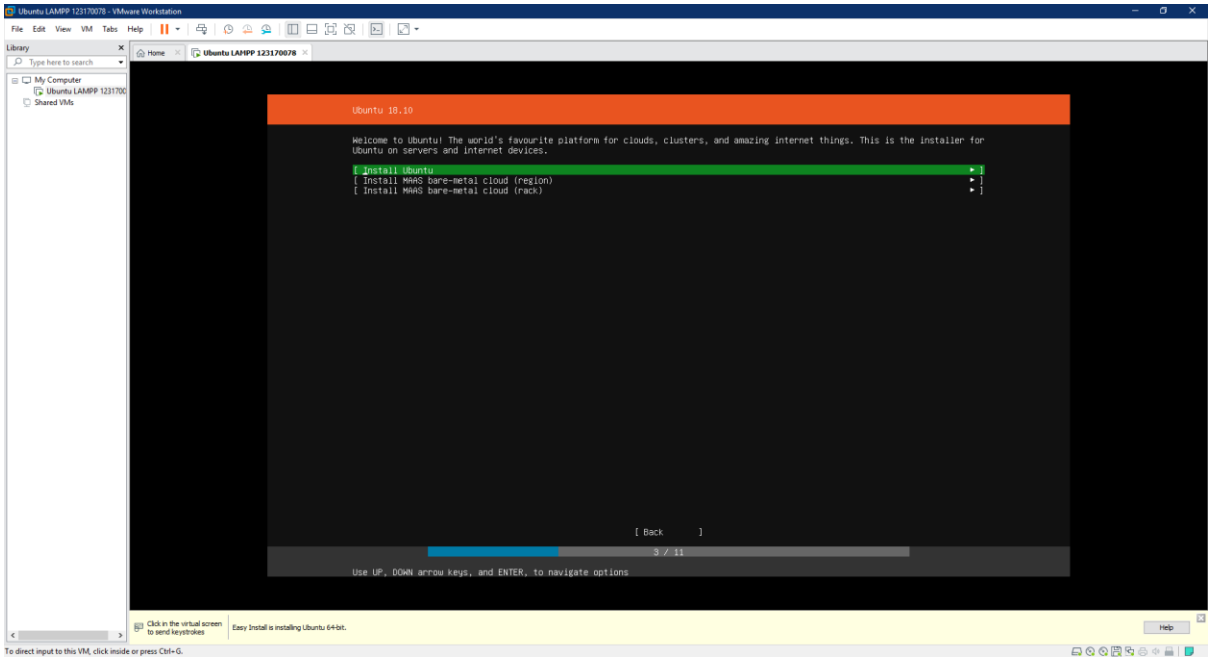


Berikut ini cara menginstal Virtual Machine Ubuntu

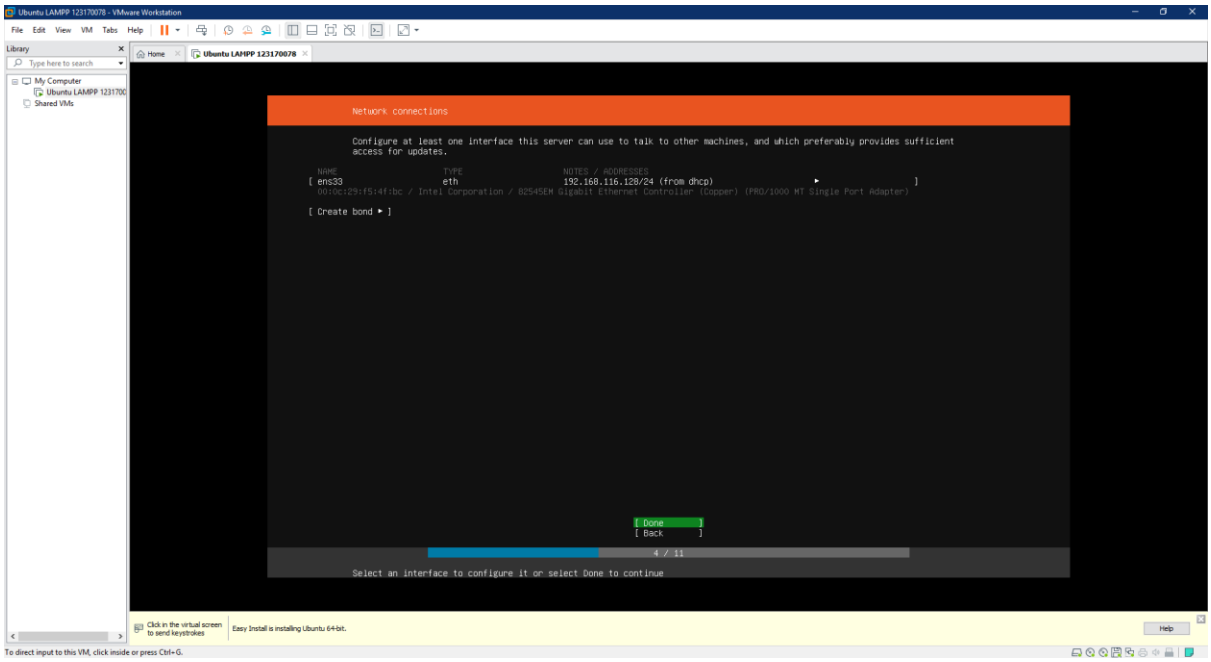
1. Pilih Bahasa.



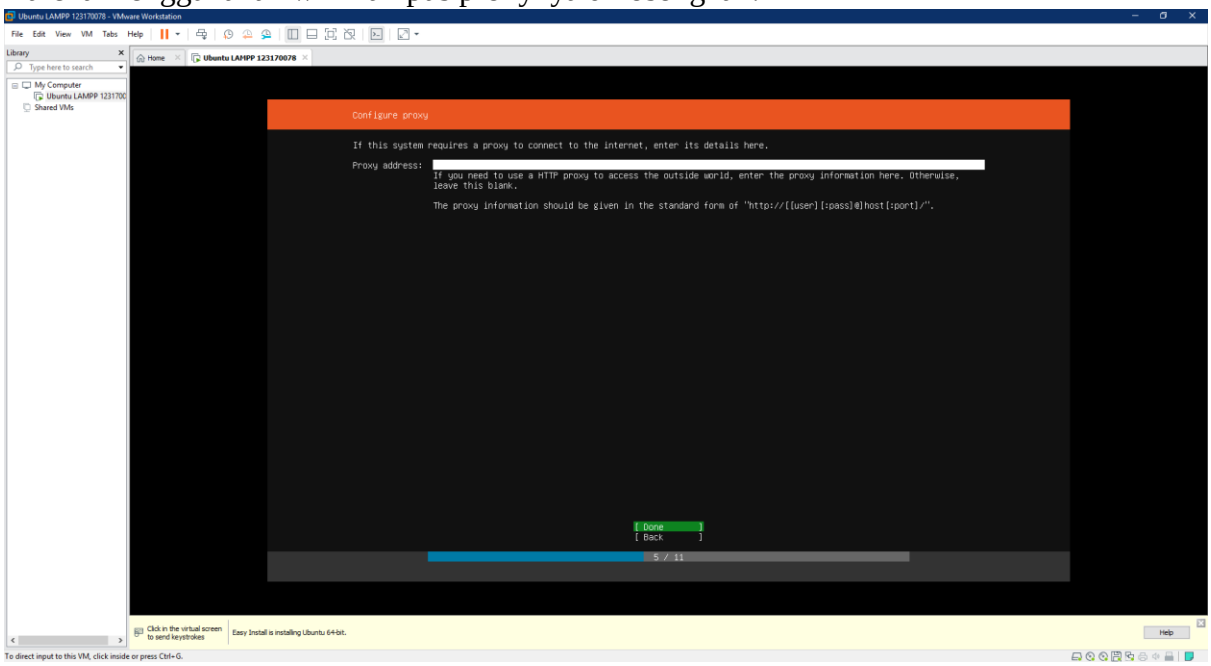
2. Klik Instal ubuntu



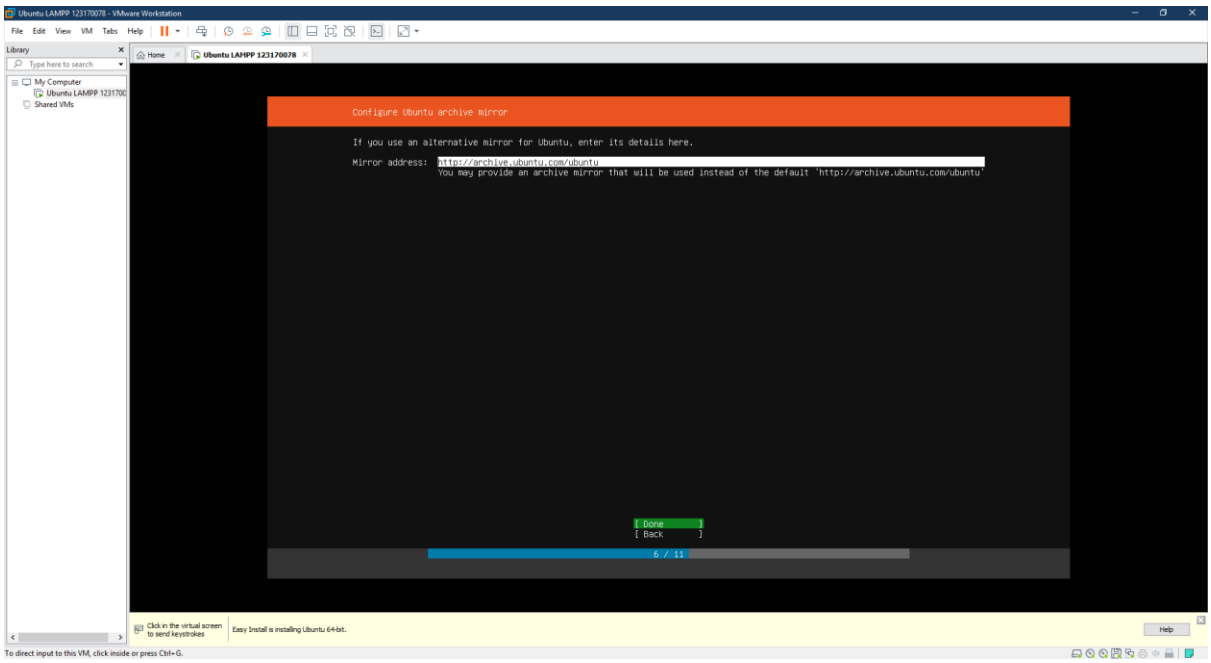
3. Berikut adalah ip adress yang di sediakan.



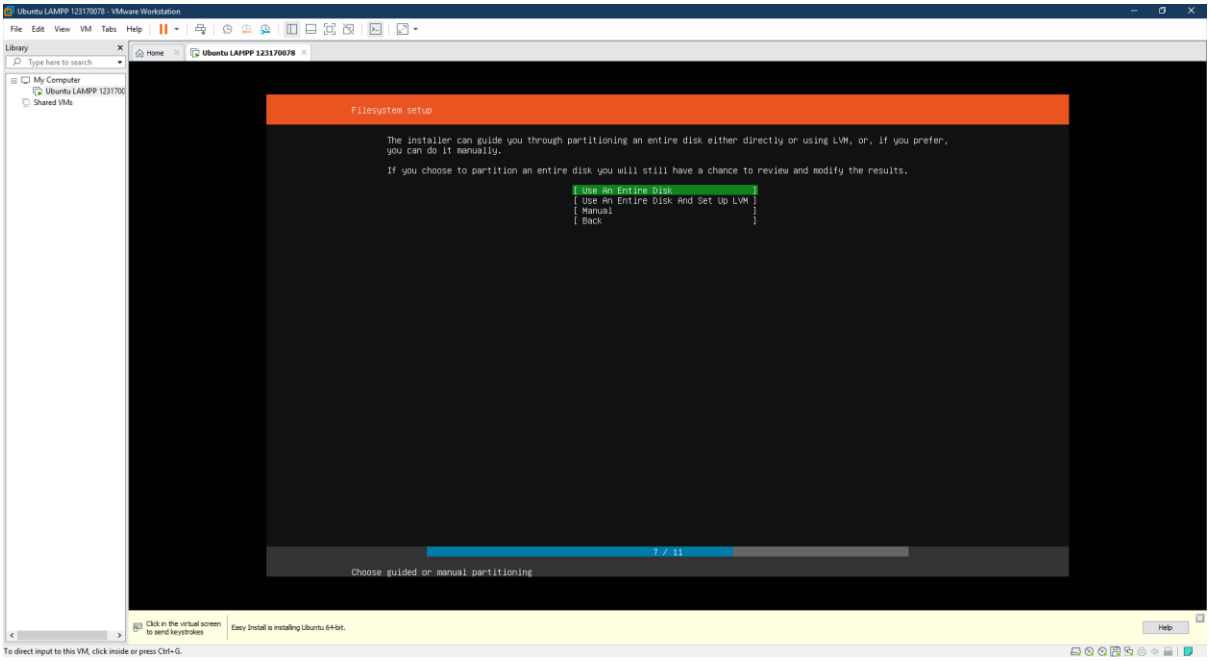
4. Karena menggunakan wifi kampus proxynya dikosongkan.



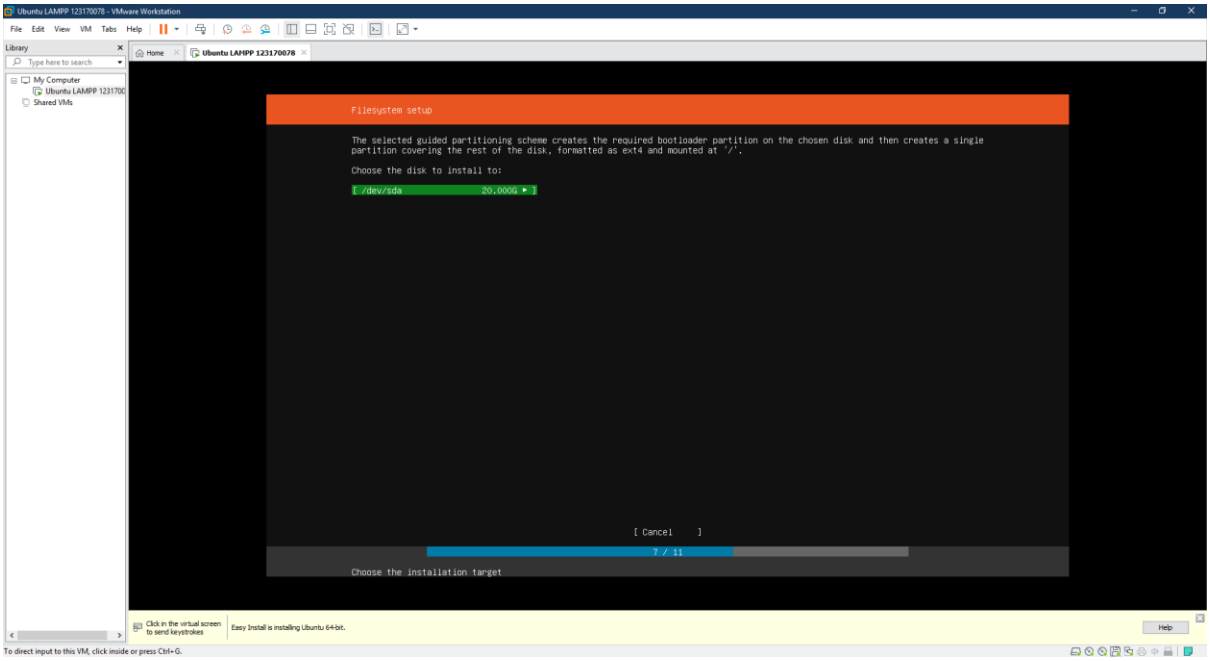
5.



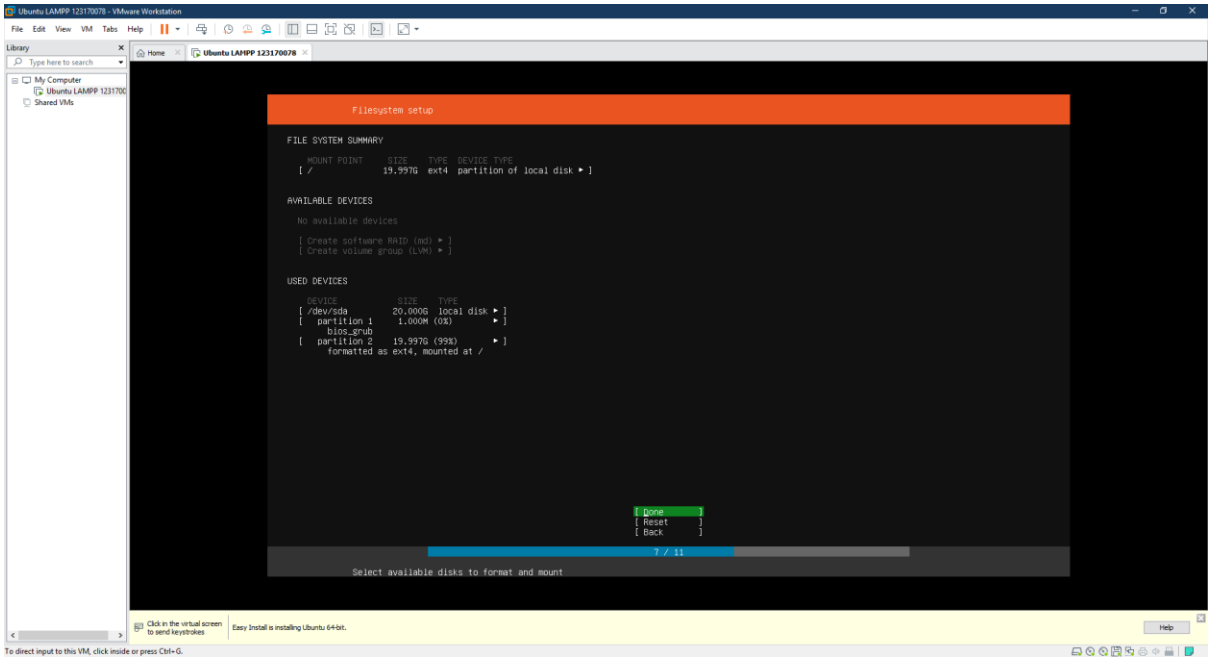
6. Gunakan disk secara penuh.



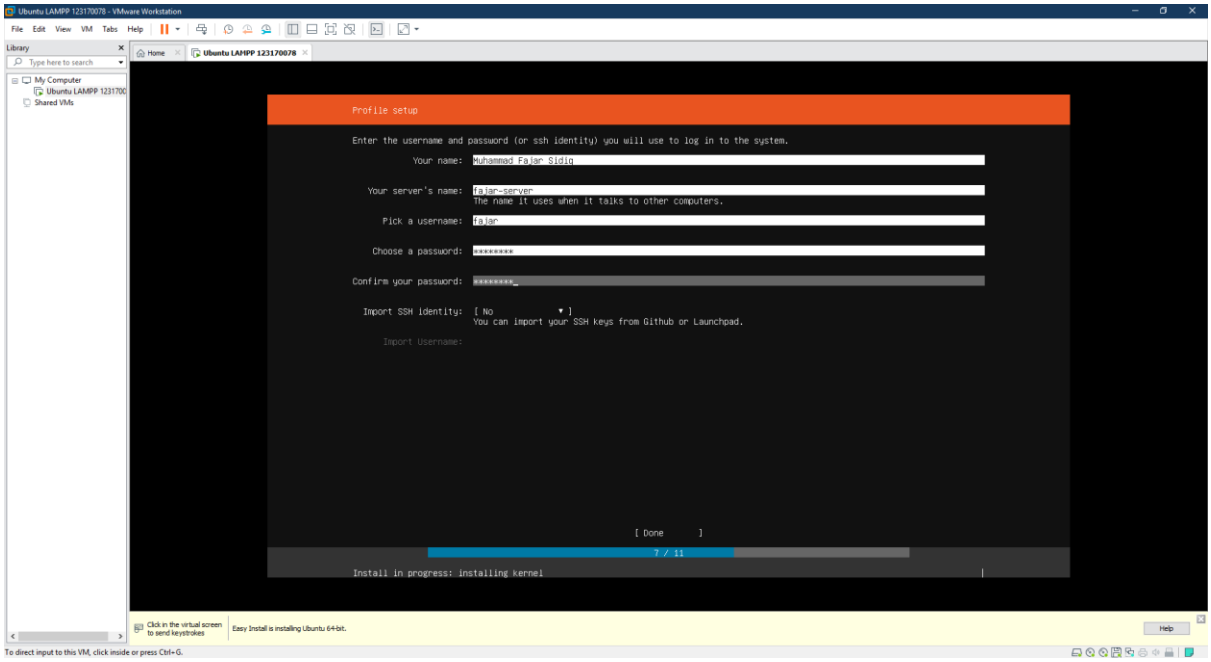
7.

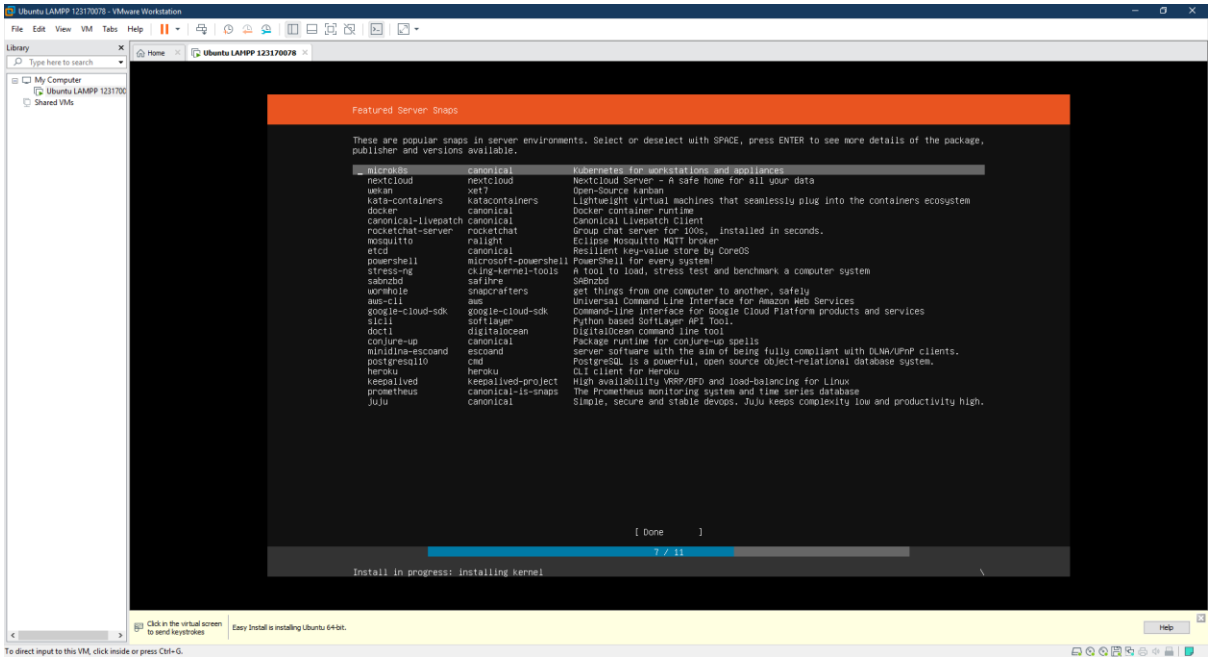


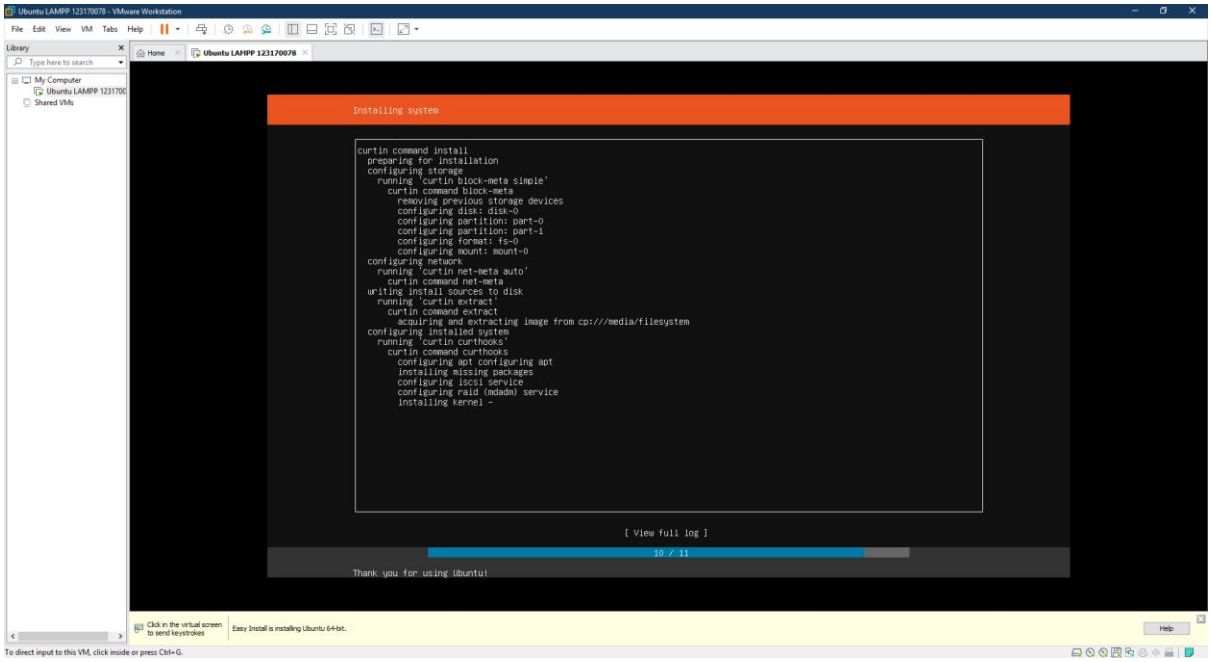
8.


Ubuntu LAMPP 123170078 - VMware Workstation
Filesystem setup
FILE SYSTEM SUMMARY
MOUNT POINT SIZE TYPE DEVICE TYPE
[/ 19.997G ext4 partition of local disk ▸]
AVAILABLE DEVICES
No available devices
[Create software RAID (md) ▸]
[Create volume group (LVM) ▸]
USED DEVICES
DEVICE SIZE TYPE
[/dev/sda 20.000G local disk ▸]
[partition 1 1.000M (0%) ▸]
bios_grub
[partition 2 19.997G (99%) ▸]
formatted as ext4, mounted at /
[Done]
[Reset]
[Back]
7 / 11
Select available disks to format and mount

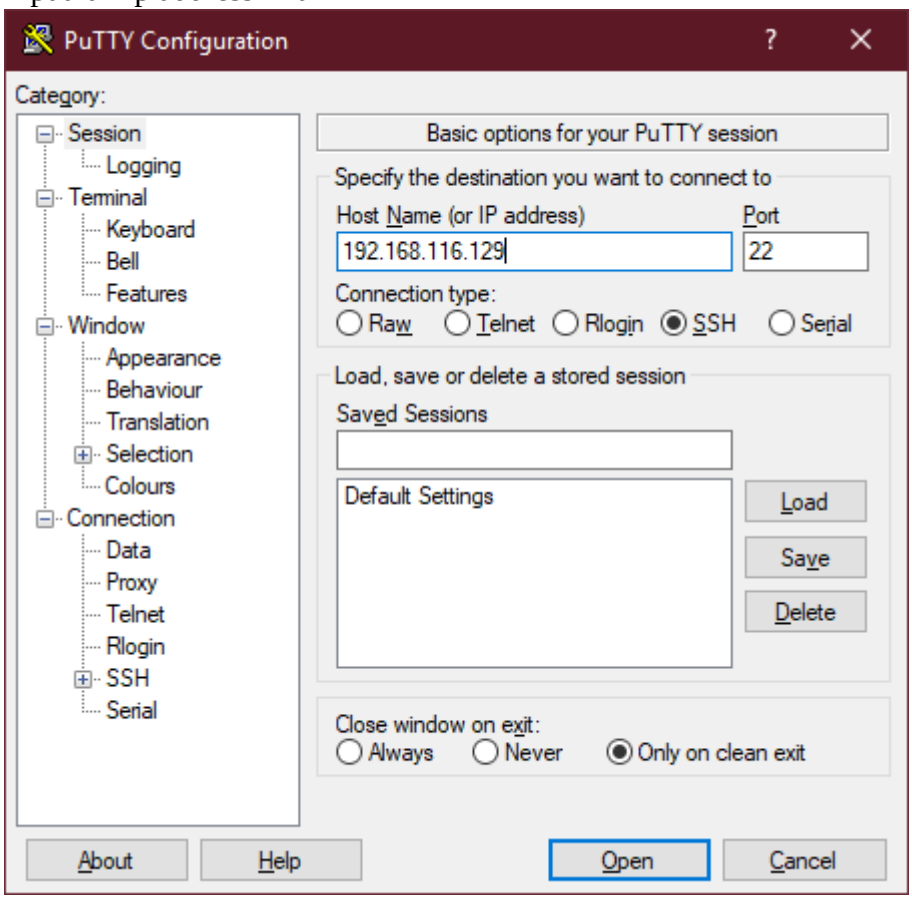
9.


Ubuntu LAMPP 123170078 - VMware Workstation
Profile setup
Enter the username and password (or ssh identity) you will use to log in to the system.
Your name: Muhammad Fajar Sidiq
Your server's name: fajar-server
The name it uses when it talks to other computers.
Pick a username: fajar
Choose a password: ********
Confirm your password: ********
Import SSH identity: [No]
You can import your SSH keys from Github or Launchpad.
Import Username:
[Done]
7 / 11
Install in progress: installing kernel

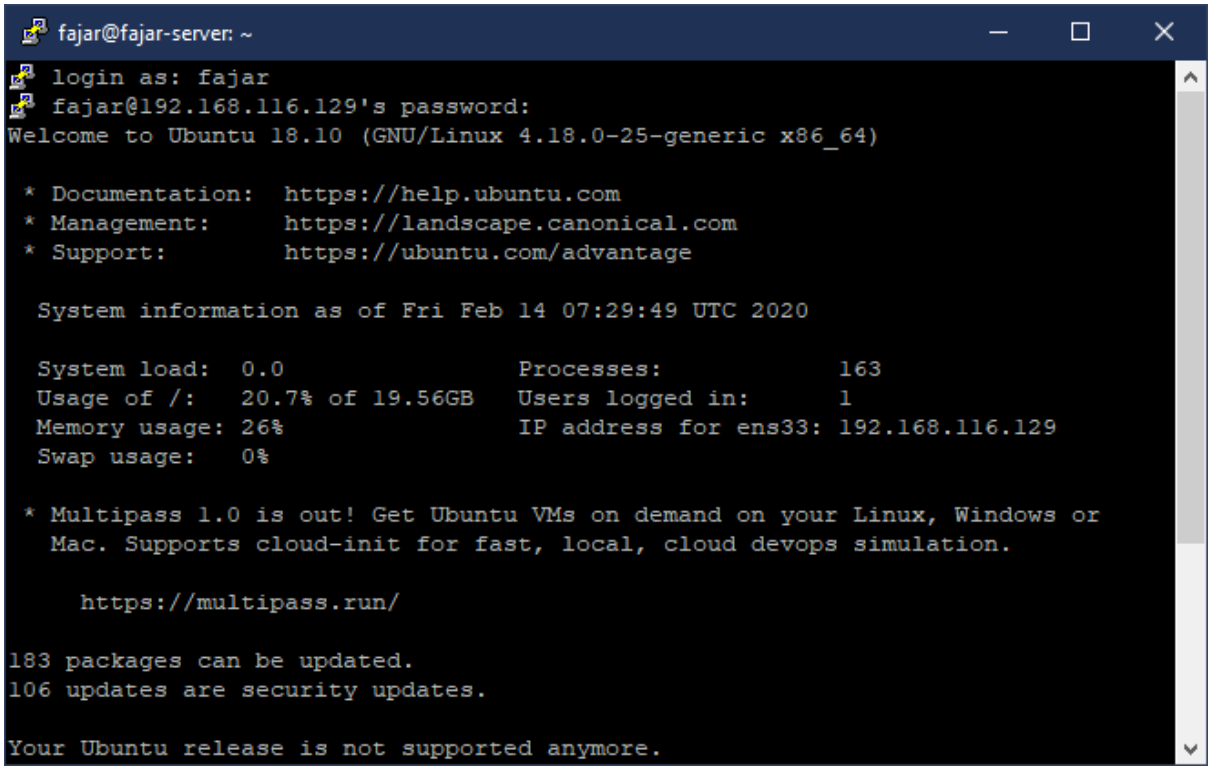
10. 
Ubuntu LAMPP 123170078 - VMware Workstation
Featured Server Snaps
These are popular snaps in server environments. Select or deselect with SPACE, press ENTER to see more details of the package, publisher and versions available.
microk8s canonical Kubernetes for workstations and appliances
nextcloud nextcloud Nextcloud Server – A safe home for all your data
wekan xet7 Open-Source kanban
kata-containers katacontainers Lightweight virtual machines that seamlessly plug into the containers ecosystem
docker canonical Docker container runtime
canonical-livepatch canonical Canonical Livepatch Client
rocketchat-server rocketchat Group chat server for 100s, installed in seconds.
mosquitto ralight Eclipse Mosquitto MQTT broker
etcd canonical Resilient key-value store by CoreOS
powershell microsoft-powershell PowerShell for every system!
stress-ng cking-kernel-tools A tool to load, stress test and benchmark a computer system
sabnzbd safihre SABnzbd
wormhole snapcrafters get things from one computer to another, safely
aws-cli aws Universal Command Line Interface for Amazon Web Services
google-cloud-sdk google-cloud-sdk Command-line interface for Google Cloud Platform products and services
slcli softlayer Python based SoftLayer API Tool.
doctl digitalocean DigitalOcean command line tool
conjure-up canonical Package runtime for conjure-up spells
minidlna-escoand escoand server software with the aim of being fully compliant with DLNA/UPnP clients.
postgresql10 cmd PostgreSQL is a powerful, open source object-relational database system.
heroku heroku CLI client for Heroku
keepalived keepalived-project High availability VRRP/BFD and load-balancing for Linux
prometheus canonical-is-snaps The Prometheus monitoring system and time series database
juju canonical Simple, secure and stable devops. Juju keeps complexity low and productivity high.
[Done]
7 / 11
Install in progress: installing kernel
Easy Install is installing Ubuntu 64-bit.
To direct input to this VM, click inside or press Ctrl+G.

11. 
Ubuntu LAMPP 123170078 - VMware Workstation
Installing system
curtin command install
preparing for installation
configuring storage
running 'curtin block-meta simple'
curtin command block-meta
removing previous storage devices
configuring disk: disk-0
configuring partition: part-0
configuring partition: part-1
configuring format: fs-0
configuring mount: mount-0
configuring network
running 'curtin net-meta auto'
curtin command net-meta
writing install sources to disk
running 'curtin extract'
curtin command extract
acquiring and extracting image from cp:///media/filesystem
configuring installed system
running 'curtin curthooks'
curtin command curthooks
configuring apt configuring apt
installing missing packages
configuring iscsi service
configuring raid (mdadm) service
installing kernel -
[View full log]
10 / 11
Thank you for using Ubuntu!
Easy Install is installing Ubuntu 64-bit.
To direct input to this VM, click inside or press Ctrl+G.

1. Inputkan ip address linux

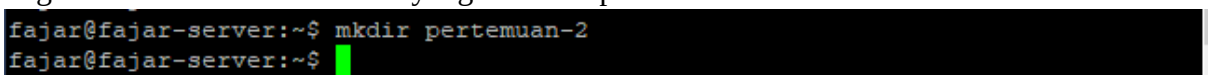


2. Masuk ke putty dan inputkan username password ubuntu yang telah dibuat

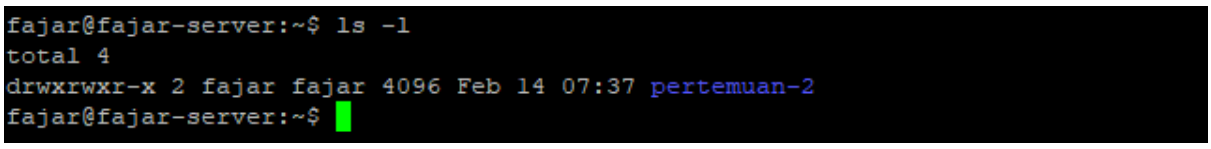


1. digunakan untuk mengecek isi file yang tersedia

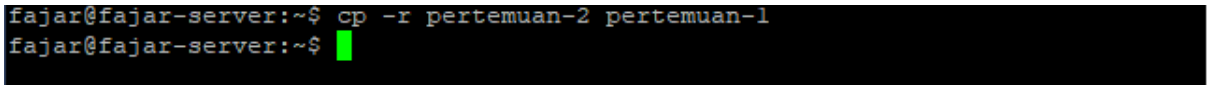
2. Digunakan untuk membuat file yang bernama pertemuan 2



3.



4.



5.

6. Digunakan untuk mengganti judul

```
fajar@fajar-server:~$ mv pertemuan-2 "pertemuan 2 LAMPP"
fajar@fajar-server:~$
```

7. Setelah itu cd digunakan untuk mengisi pertemuan dengan menggunakan nano .txt

```
fajar@fajar-server:~$ cd "pertemuan 2 LAMPP"/
fajar@fajar-server:~/pertemuan 2 LAMPP$ nano biodata.txt
fajar@fajar-server:~/pertemuan 2 LAMPP$
```

8. Cat biodata diunakan untuk melihat isi biodata.

```
fajar@fajar-server:~/pertemuan 2 LAMPP$ cat biodata.txt
123170078
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
```

9. Kemudian tail digunakan untuk memperliahatkan tail pada biodata.txt

```
fajar@fajar-server:~/pertemuan 2 LAMPP$ tail biodata.txt
12
13
14
15
16
17
18
19
20
```