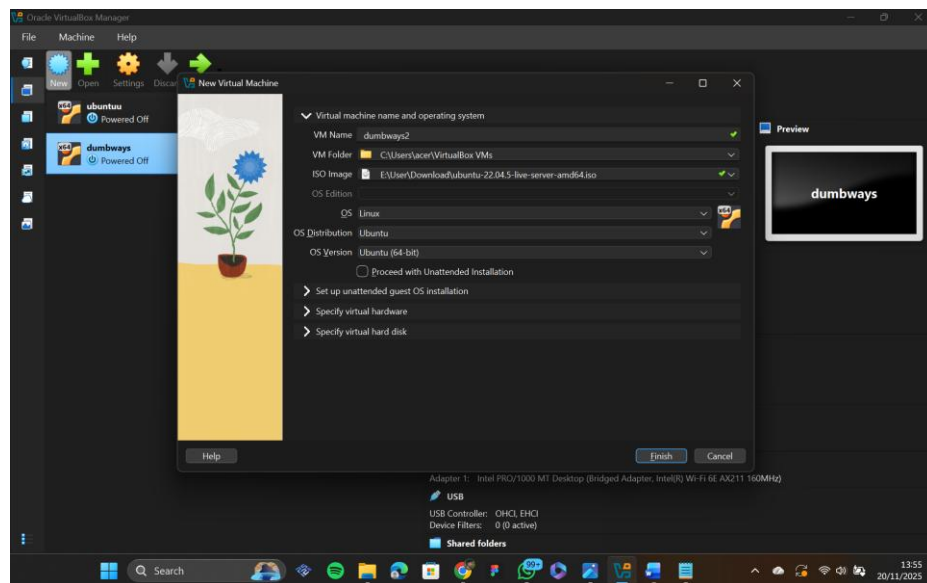
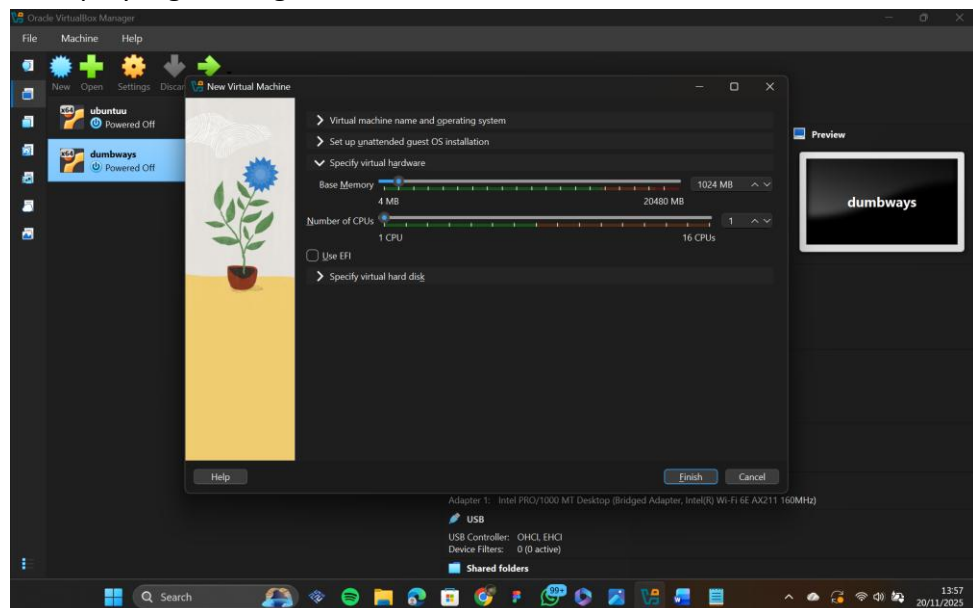


Tasks 1

1. devops adalah penghubung antara tim develop dengan operation agar mempercepat proses bangun hingga rilis ke public, developer yang mempunyai tugas build, test, rilis, deploy, dan monitoring
2. step menginstal ubuntu server dengan versi 22.04.5
 1. mengunduh virtualbox untuk menjalankan system operasi linux didalam windows lewat aplikasi. Dan mengunduh juga file linux .iso yang akan kita gunakan
 2. instal virtualbox kemudian jalankan kemudian buat vm baru dan masukkan nama vm, pilih folder vm, dan file linux yang sudah diunduh tadi



3. kemudian memilih pilihan berapa ram yang bisa dipakai untuk vm nantinya dan cpu yang bisa digunakan



-
- The screenshot shows the 'New Virtual Machine' wizard in Oracle VM VirtualBox Manager. The 'Create a New Virtual Hard Disk' step is selected. The disk file location is set to 'C:\Users\acem\VirtualBox VMs\dumbways2\dumbways2.vdi'. The disk size is 10 GB. The hard disk file type is VDI (VirtualBox Disk Image). The pre-allocate full size option is selected. The preview window shows the 'dumbways' logo.

-
- Hardways1 [Running] - Oracle VM VirtualBox
- File Machine View Input Devices Help
- GNU GRUB version 2.06
- Try or install Ubuntu Server
 Ubuntu Server with the HWE kernel
 Test memory
- Use the ↑ and ↓ keys to select which entry is highlighted.
 Press enter to boot the selected OS, 'e' to edit the commands
 before booting or 'c' for a command-line.
- Auto capture keyboard ...
 Don't show again
- 14:04
 20/11/2025

- ```
Willkommen! Bienvenue! Welcome! Добро пожаловать! Welkom! [Help]
Use UP, DOWN and ENTER keys to select your language.

[Asturianu ▶]
[Bahasa Indonesia ▶]
[Català ▶]
[Deutsch ▶]
[English ▶]
[English (UK) ▶]
[Español ▶]
[Français ▶]
[Galego ▶]
[Hrvatski ▶]
[Latviski ▶]
[Lietuviški ▶]
```

7. continue without updating apabila tidak ingin menggunakan versi terbarunya dan tetap menggunakan versi saat ini saja

```
Installer update available [Help]

Version 25.10 of the installer is now available (24.08.1 is currently running).

You can read the release notes for each version at:

 https://github.com/canonical/subiquity/releases

If you choose to update, the update will be downloaded and the installation
will continue from here.
```

8. memilih versi mana yang ingin kita gunakan nantinya dan saya memilih ubuntu server yang biasa

```
Choose the type of installation [Help]

Choose the base for the installation.

(X) Ubuntu Server

 The default install contains a curated set of packages that provide a
 comfortable experience for operating your server.

() Ubuntu Server (minimized)

 This version has been customized to have a small runtime footprint in
 environments where humans are not expected to log in.

Additional options

[] Search for third-party drivers

 This software is subject to license terms included with its documentation.
 Some is proprietary. Third-party drivers should not be installed on
 systems that will be used for FIPS or the real-time kernel.
```

9. untuk bagian network kita menggunakan konfigurasi manual dengan memasukkan ipv4 secara manual berdasarkan ip kita

```
Network configuration [Help]

Configure at least one interface this server can use to talk to other machines,
and which preferably provides sufficient access for updates.

NAME TYPE NOTES
[enp0s3 eth -]
DHCPv4 10.0.2.15/24
08:00:27:1b:1e:c1 / Intel Corpora (PRO/1000 MT Desktop Adapter)

[Create bond ►]
```

Context menu for enp0s3:

- (close)
- Info
- Edit IPv4
- Edit IPv6
- Add a VLAN tag

10. kemudian memilih cara manual untuk memasukkan ip

```
Network configuration [Help]

Configure at least one interface this server can use to talk to other machines,
and which preferably provides sufficient access for updates.

NAME TYPE NOTES
[enp0s3 eth -]
DHCPv4 10.0.2.15/24
08:00:27:1b:1e:c1 / Intel Corporation / 82540EM Gigabit Ethernet Controller
(PRO/1000 MT Desktop Adapter)

[Create bond ►]
```

Edit enp0s3 IPv4 configuration

IPv4 Method: Automatic (DHCP) Manual Disabled

[ Cancel ]

11. kemudian saya memasukkan sesuai dengan ip config device saya

```
Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . :
Link-local IPv6 Address : fe80::29ef:457f:4b86:ad2d%6
IPv4 Address. : 192.168.1.2
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.1.1
```

subnet : 192.168.1.0/24 karena masuk dalam class C yaitu 192  
address: 192.168.1.10 saya memilih 10 karena 1 sudah dipakai oleh  
gateway agar tidak nabrak dengan yang lain  
gateway : 192.168.1.1 sesuai dengan ip config  
name server: 8.8.8.8, 1.1.1.1 menggunakan google dan cloudflare

Network configuration [ Help ]

Configure at least one interface this server can use to talk to other machines, and which preferably provides sufficient access for updates.

| NAME | TYPE | NOTES |
|------|------|-------|
|------|------|-------|

Edit enp0s3 IPv4 configuration

IPv4 Method: [ Manual ▼ ]

Subnet: 192.168.1.0/24

Address: 192.168.1.10

Gateway: 192.168.1.1

Name servers: 8.8.8.8, 1.1.1.1  
IP addresses, comma separated

Search domains:   
Domains, comma separated

[ Save ]  
[ Cancel ]

12. setelah itu saya skip bagian proxy karena belum dibutuhkan

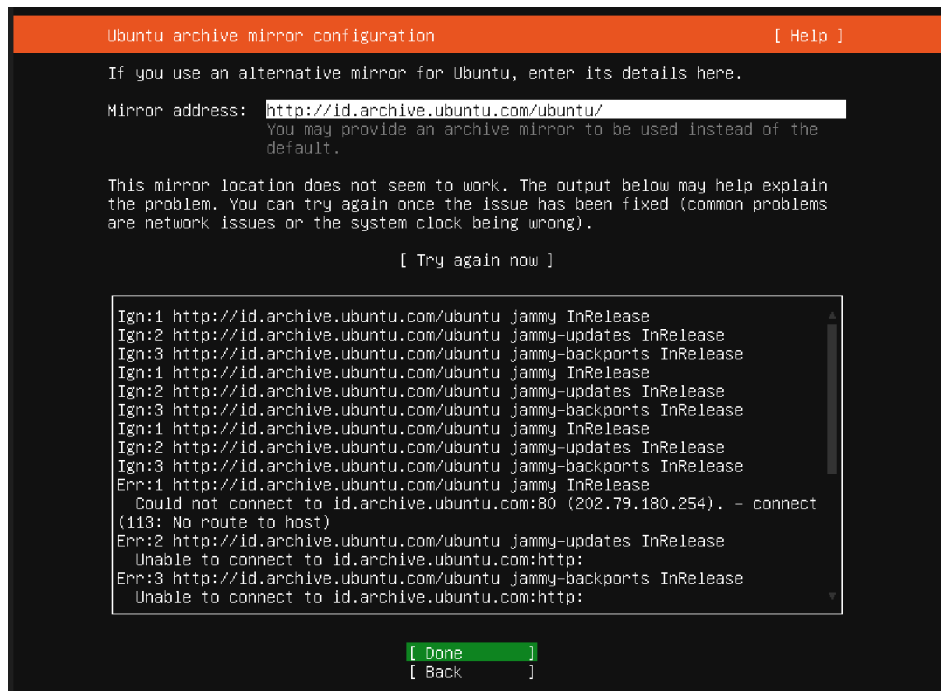
Proxy configuration [ Help ]

If this system requires a proxy to connect to the internet, enter its details here.

Proxy address:

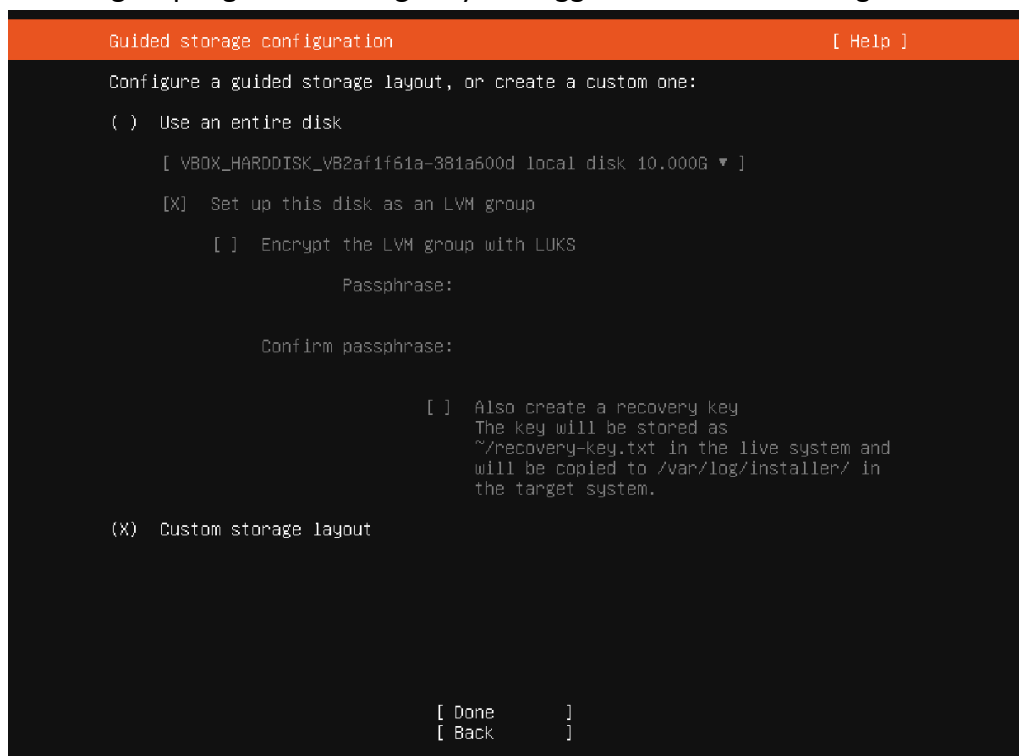
If you need to use a HTTP proxy to access the outside world, enter the proxy information here. Otherwise, leave this blank.

The proxy information should be given in the standard form of "http://[user][:pass]@host[:port]/".

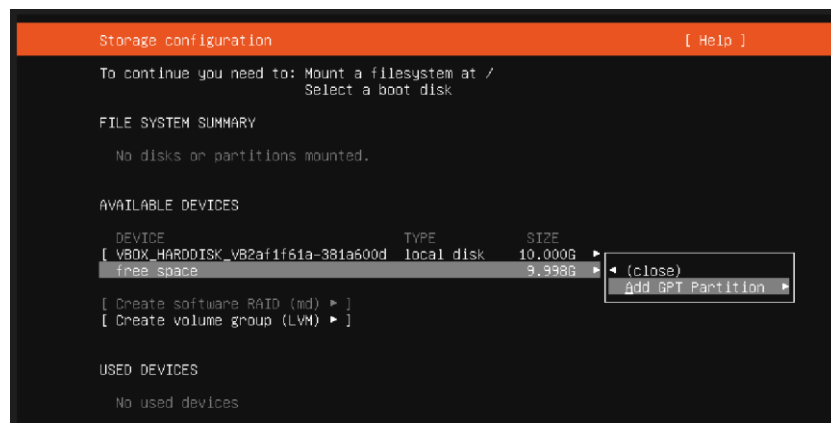


13.

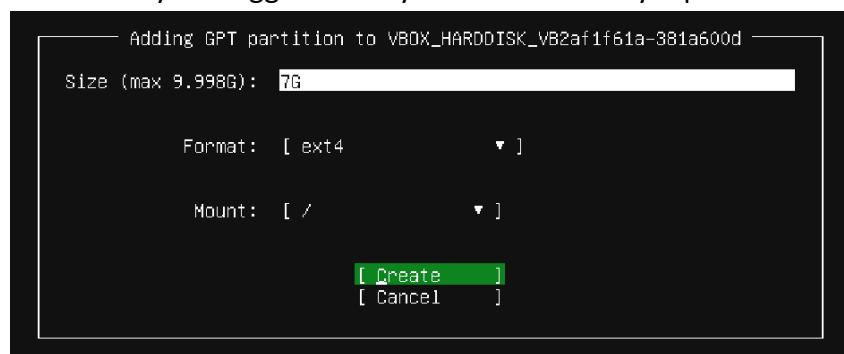
14. Pada bagian pengaturan storage saya menggunakan custom storage manual



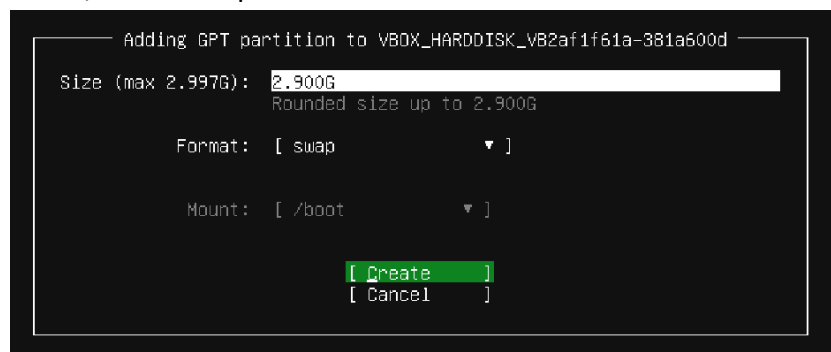
15. Kemudian saya akan memisahkan partition menjadi 2



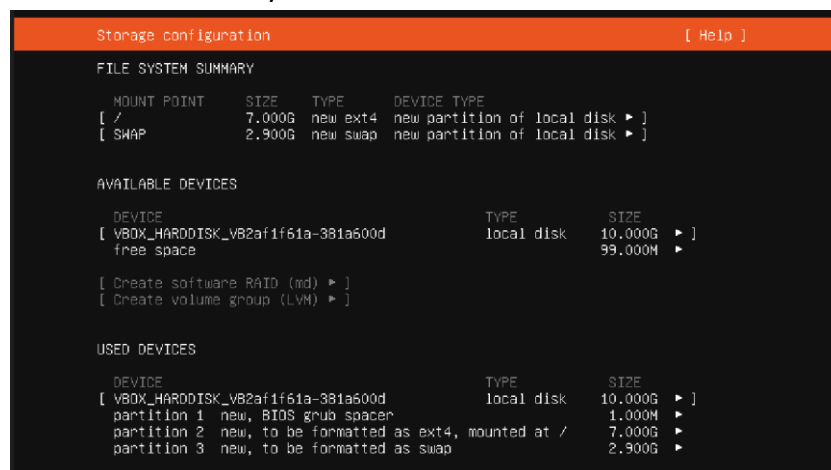
16. Pertama saya menggunakan nya 7GB untuk menyimpan biasa



17. Dan 2,9GB untuk penambahan ram



18. Maka berikut hasilnya



## 19. Kemudian memasukkan nama, nama server, username, dan password

Profile configuration [ Help ]

Enter the username and password you will use to log in to the system. You can configure SSH access on a later screen, but a password is still needed for sudo.

Your name:

Your servers name:   
The name it uses when it talks to other computers.

Pick a username:

Choose a password:

Confirm your password:

## 20. Memilih opsi apabila ingin upgrade dengan versi pro

Upgrade to Ubuntu Pro [ Help ]

An internet connection is required to enable Ubuntu Pro.

[ About Ubuntu Pro ► ]

☐ Enable Ubuntu Pro

☒ Skip Ubuntu Pro setup for now

Once you are connected to the internet, you can enable Ubuntu Pro using the 'pro attach' command.

## 21. Pilihan untuk menginstal ssh

SSH configuration [ Help ]

You can choose to install the OpenSSH server package to enable secure remote access to your server.

☐ Install OpenSSH server

☒ Allow password authentication over SSH

[ Import SSH key ► ]

AUTHORIZED KEYS

No authorized key

## 22. Setelah selesai dapat melakukan reboot ulang

Installation complete! [ Help ]

```
curtin command in-target
executing curtin install curthooks step
curtin command install
configuring installed system
 running 'curtin curthooks'
 curtin command curthooks
 configuring apt
 configuring apt
 installing missing packages
 installing packages on target system: ['grub-pc']
 configuring iscsi service
 configuring raid (mdadm) service
 configuring NVMe over TCP
 installing kernel
 setting up swap
 apply networking config
 writing etc/fstab
 configuring multipath
 updating packages on target system
 configuring pollinate user-agent on target
 updating initramfs configuration
 configuring target system bootloader
 installing grub to target devices
 copying metadata from /cdrom
final system configuration
 calculating extra packages to install
 configuring cloud-init
 restoring apt configuration
subiquity/Late/run:
```

[ view full log ]

[ Reboot Now ]

23. Kemudian melakukan login dengan username dan password

```
Ubuntu 22.04.5 LTS fauzan tty1
fauzan login: fauzan
Password: _
```

24. Kemudian tes ping untuk mengetes apakah jaringan berhasil atau tidak

```
fauzan@fauzan:~$ ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
64 bytes from 8.8.8.8: icmp_seq=1 ttl=117 time=4.53 ms
64 bytes from 8.8.8.8: icmp_seq=2 ttl=117 time=4.24 ms
64 bytes from 8.8.8.8: icmp_seq=3 ttl=117 time=4.03 ms
64 bytes from 8.8.8.8: icmp_seq=4 ttl=117 time=4.65 ms
^C
--- 8.8.8.8 ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3004ms
rtt min/avg/max/mdev = 4.034/4.361/4.648/0.241 ms
fauzan@fauzan:~$ ping google.com
PING google.com (74.125.200.102) 56(84) bytes of data.
64 bytes from sa-in-f102.1e100.net (74.125.200.102): icmp_seq=1 ttl=107 time=5.24 ms
64 bytes from sa-in-f102.1e100.net (74.125.200.102): icmp_seq=2 ttl=107 time=5.11 ms
64 bytes from sa-in-f102.1e100.net (74.125.200.102): icmp_seq=3 ttl=107 time=4.51 ms
64 bytes from sa-in-f102.1e100.net (74.125.200.102): icmp_seq=4 ttl=107 time=5.20 ms
^C
--- google.com ping statistics ---
4 packets transmitted, 4 received, 0% packet loss, time 3004ms
rtt min/avg/max/mdev = 4.509/5.014/5.242/0.295 ms
fauzan@fauzan:~$
```