

**LAPORAN PEMROSESAN PARALEL
INSTALASI UBUNTU SERVER DAN PUTTY**



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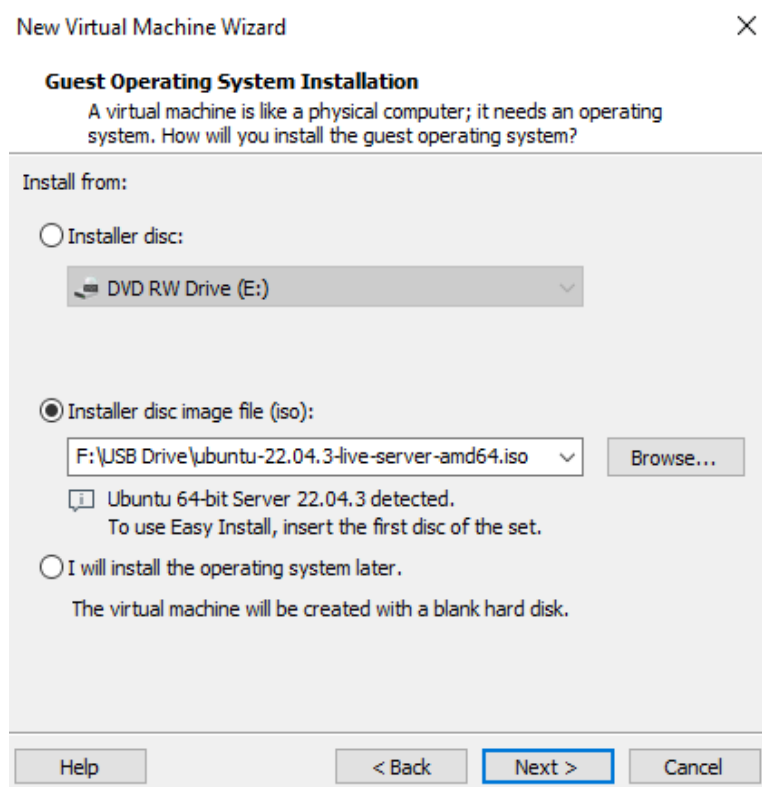
FAKULTAS ILMU KOMPUTER
JURUSAN SISTEM KOMPUTER
UNIVERSITAS SRIWIJAYA 2023

INSTALL UBUNTU SERVER DAN REMOTE ACCESS

1. Langkah pertama create a new virtual machine, dan klik next



2. Setelah itu masukkan ubuntu server yang telah di download, klik next



3. Beri nama pada ubuntu server yang akan dibuat, disini saya memberi nama “Ubuntu -64-bit(Nabila)” serta tentukan dimana lokasi ubuntu tersebut akan disimpan, klik next

New Virtual Machine Wizard ✕

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

Virtual machine name:

Location:

The default location can be changed at Edit > Preferences.

4. Tentukan kapasitasnya, disini saya membuat 20 GB, next

New Virtual Machine Wizard ✕

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

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

Maximum disk size (GB):

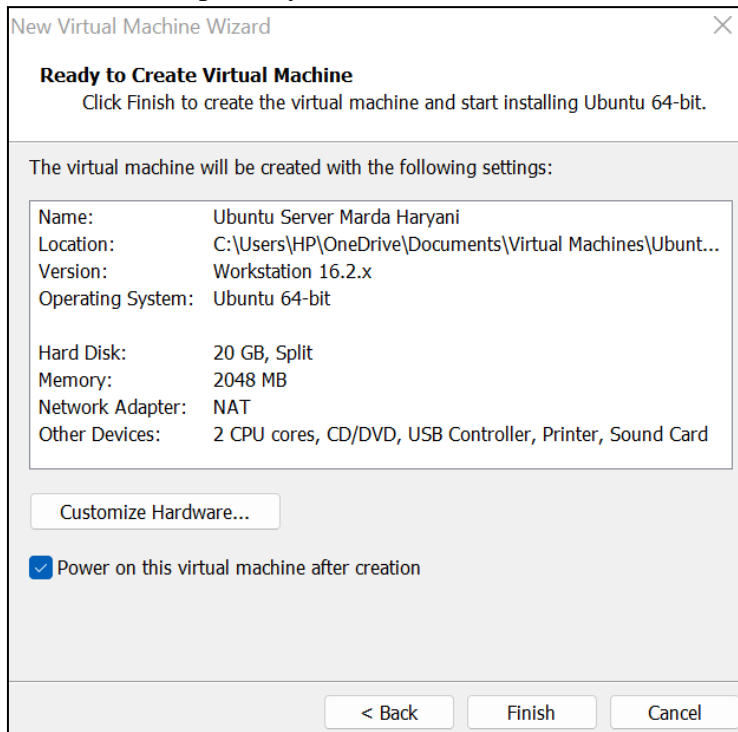
Recommended size for Ubuntu 64-bit: 20 GB

☐ Store virtual disk as a single file

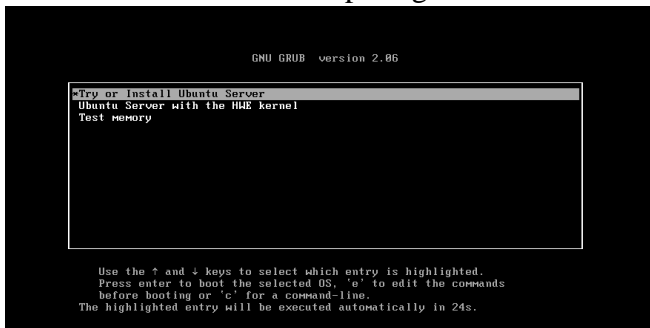
☒ Split virtual disk into multiple files

Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

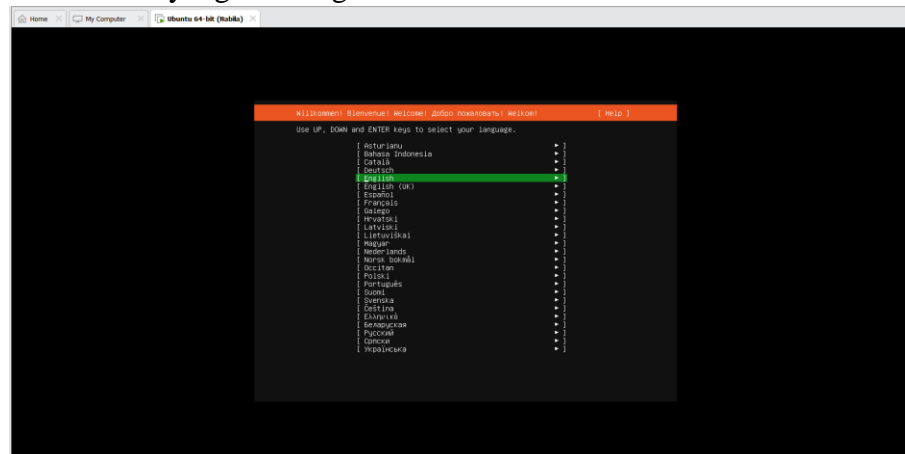
5. Berikut ini tampilan nya, setelah itu klik finish



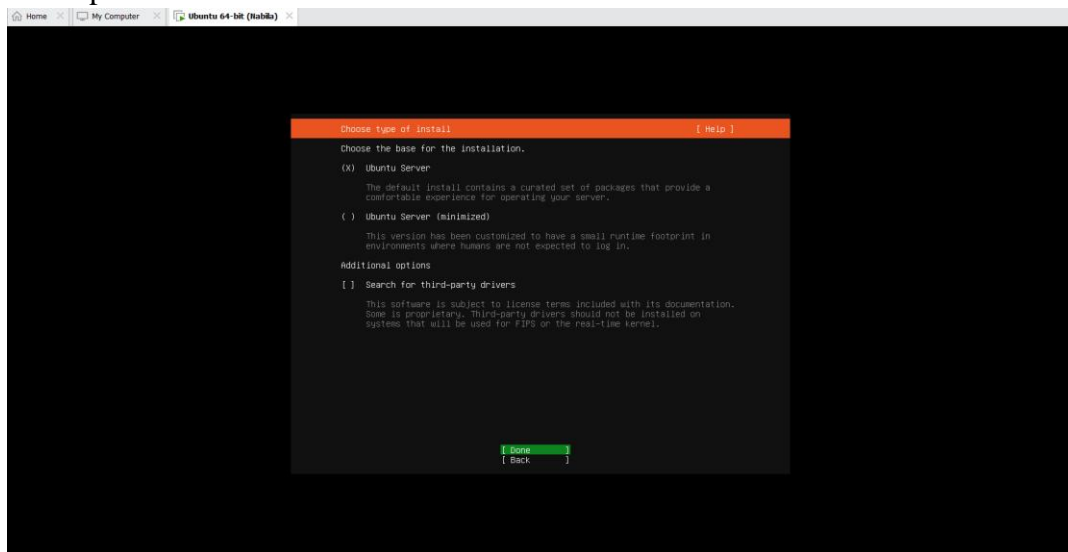
6. Kemudian akan muncul seperti gambar dibawah ini, klik enter



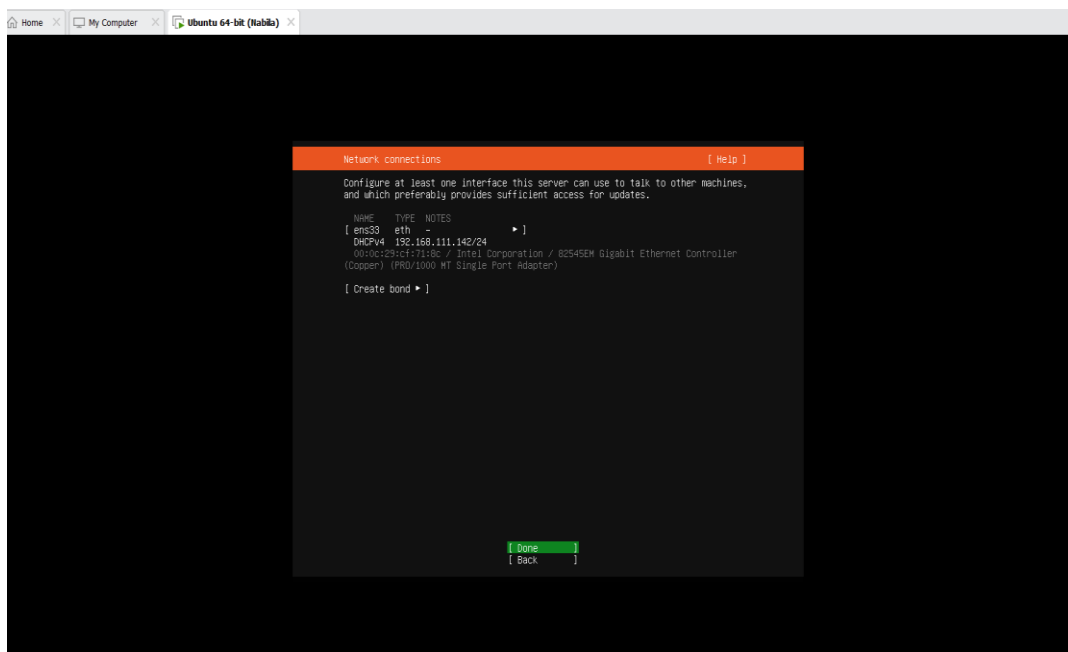
7. Pilih bahasa yang akan digunakan



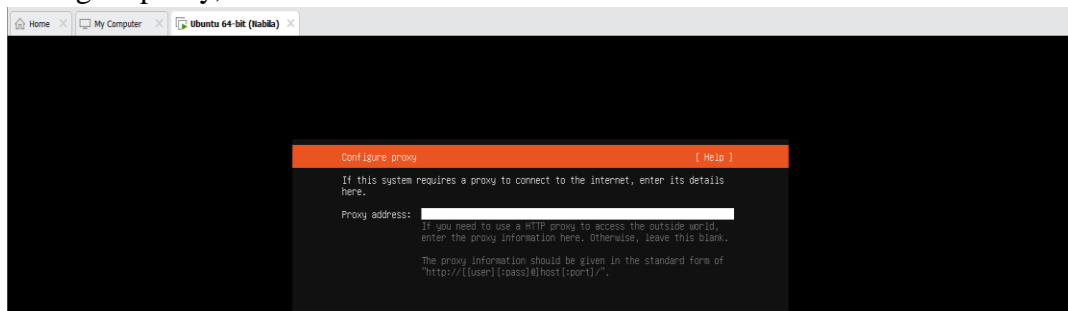
8. Pilih tipe dan klik done



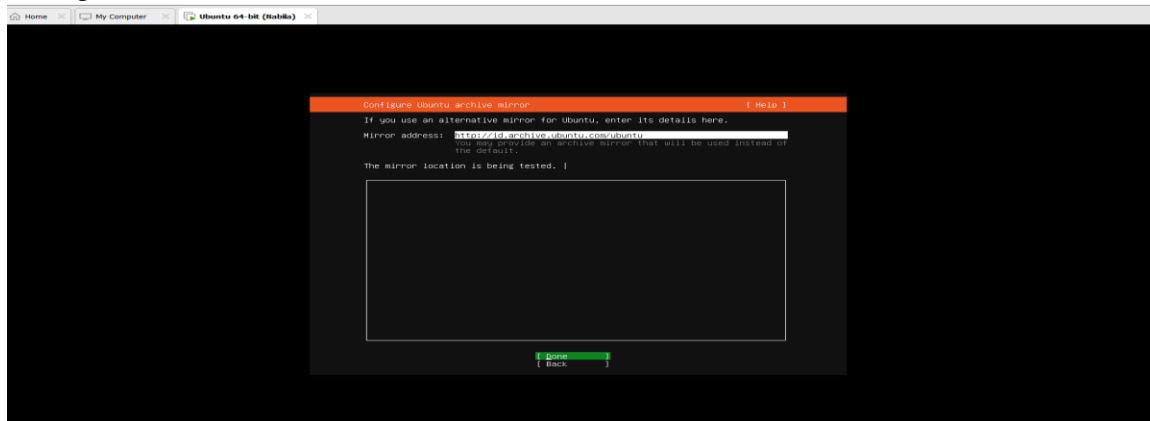
9. Network connections



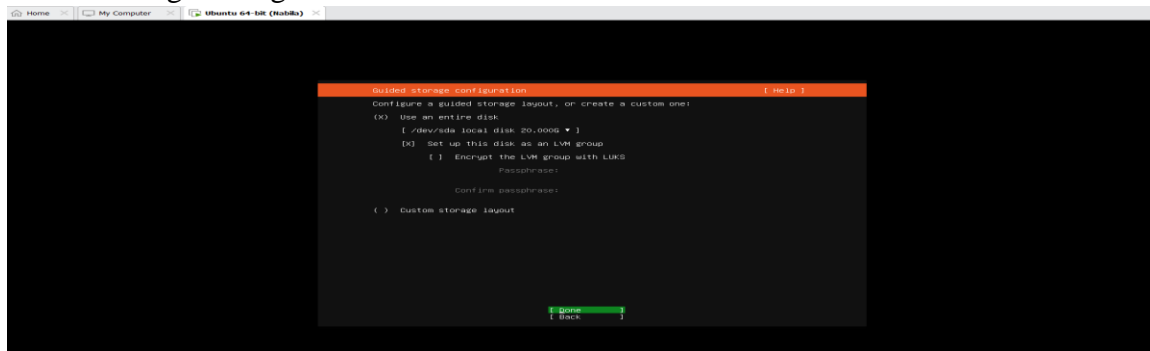
10. Configure proxy, klik done



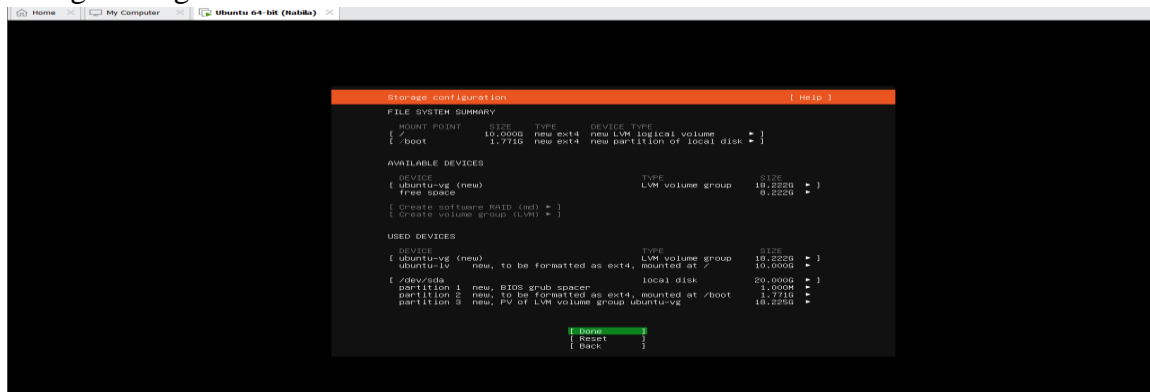
11. Configure ubuntu archive mirror



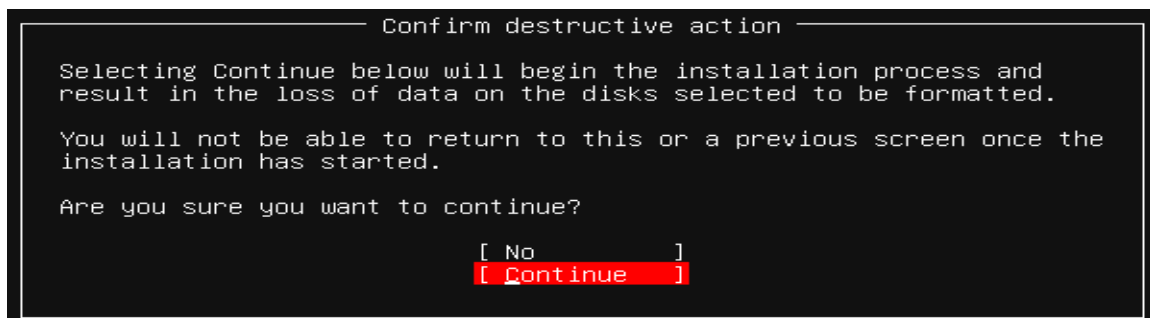
12. Guided storage configuration



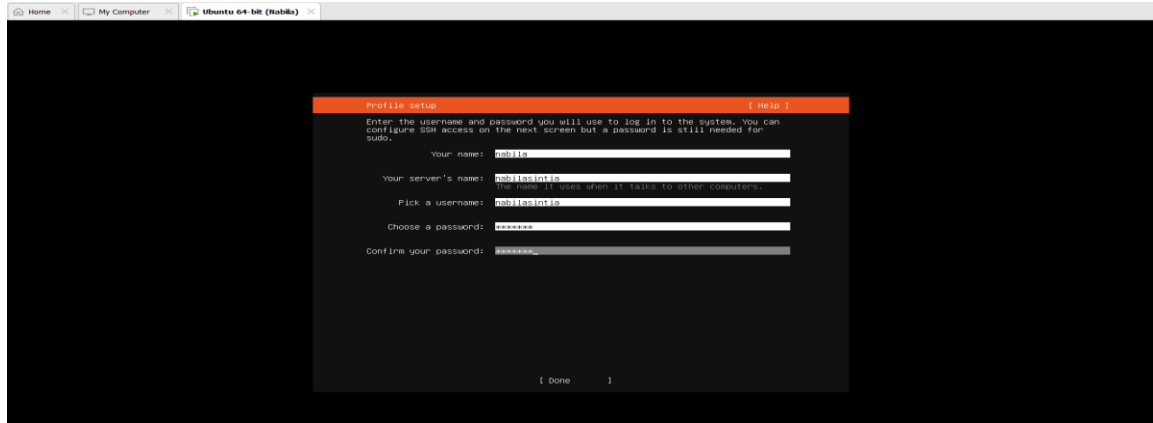
13. Storage configuration



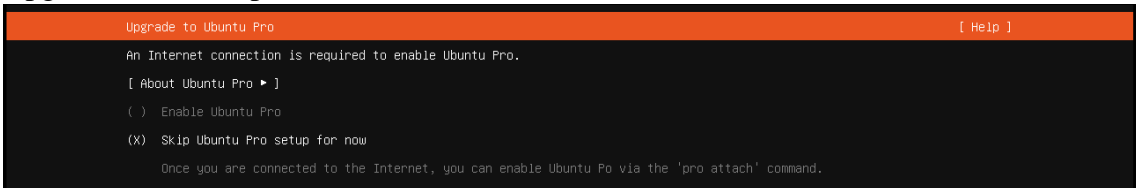
14. Confirm destructive action



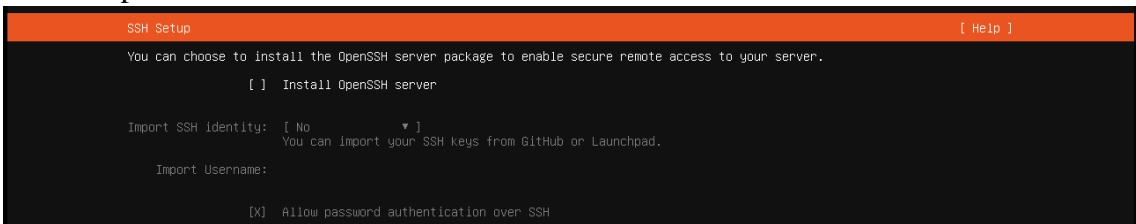
15. Setelah itu mengisi profile setup



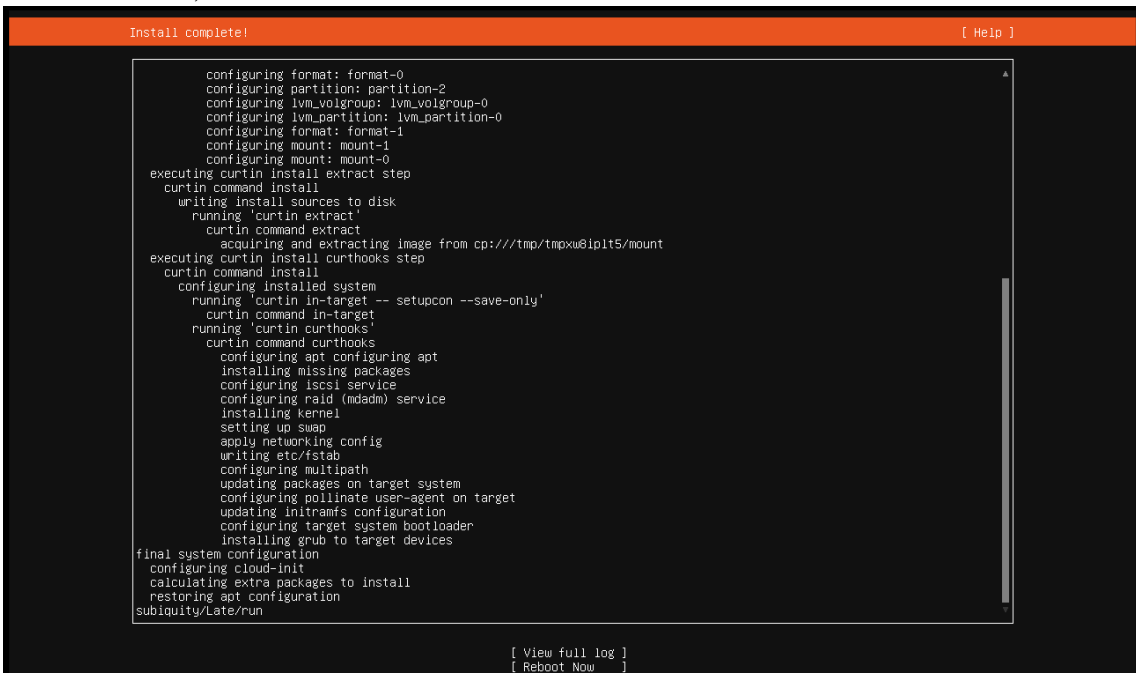
16. Upgrade to ubuntu pro



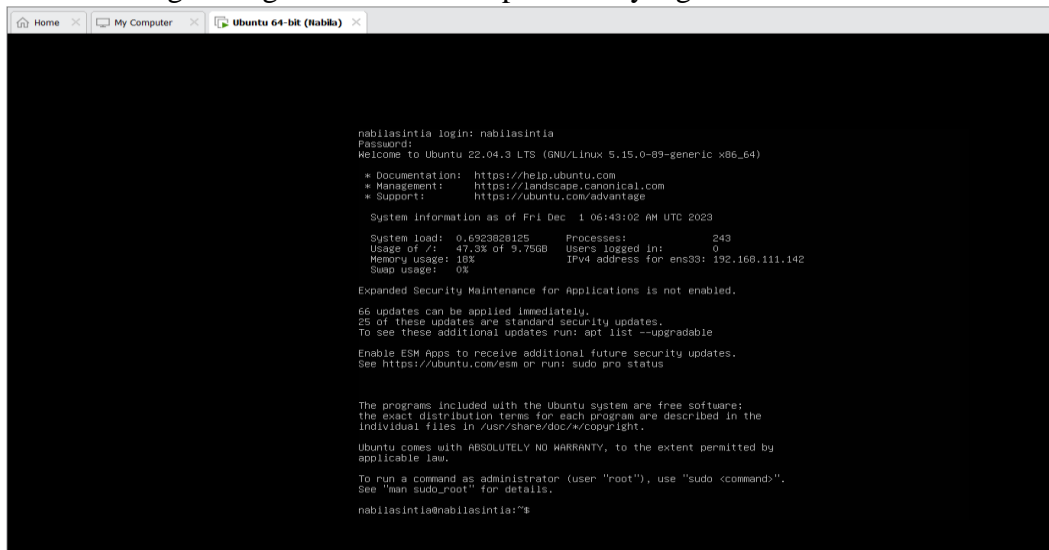
17. SSH setup



18. Install berhasil, dan reboot now



19. Kemudian login dengan username dan password yang telah dibuat



A terminal window titled 'Ubuntu 64-bit (habila)' showing the login process for user 'nabilasintia'. The prompt is 'nabilasintia login: nabilasintia'. After entering the password, the system displays the Ubuntu 22.04.3 LTS welcome message and system information. The prompt returns to 'nabilasintia@nabilasintia:~\$'.

```
nabilasintia login: nabilasintia
Password:
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.0-89-generic x86_64)

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

System Information as of Fri Dec 1 06:43:02 AM UTC 2023

System load: 0.6923820125   Processes:            243
Usage of /:  47.3% of 9.75GB Users logged in:             0
Memory usage: 18%          IPv4 address for ens33: 192.168.111.142
Swap usage:  0%

Expanded Security Maintenance for Applications is not enabled.

66 updates can be applied immediately.
25 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

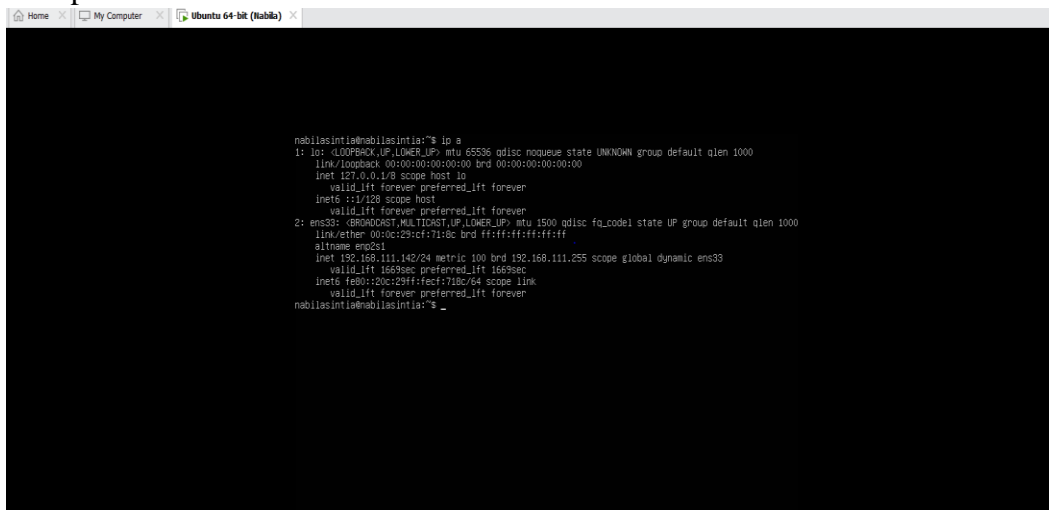
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

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.

nabilasintia@nabilasintia:~$
```

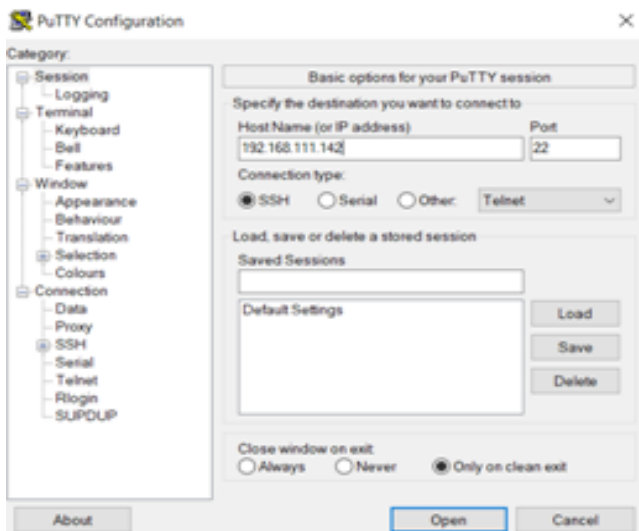
20. Cek ip a



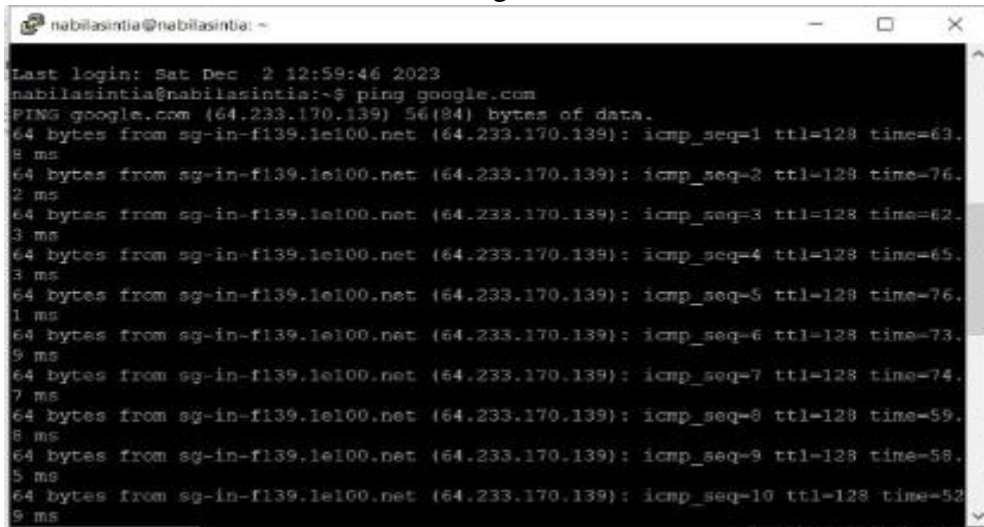
A terminal window titled 'Ubuntu 64-bit (habila)' showing the output of the 'ip a' command. It displays details for the loopback interface 'lo' and the ethernet interface 'ens33'.

```
nabilasintia@nabilasintia:~$ ip a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 00:0c:29:c7:71:8c brd ff:ff:ff:ff:ff:ff
    altname enp2s1
    inet 192.168.111.142/24 metric 100 brd 192.168.111.255 scope global dynamic ens33
        valid_lft 1669sec preferred_lft 1669sec
    inet6 fe80::20c:29ff:fe71:8c/64 scope link
        valid_lft forever preferred_lft forever
nabilasintia@nabilasintia:~$
```

21. Sambungkan ip yang ada di ubuntu server dengan putty



22. Kemudian login lagi dengan memasukkan username dan password pada putty, dan ini lah hasil remote acces, berhasil tersambung.



```
nabilasintia@nabilasintia: ~  
Last login: Sat Dec 2 12:59:46 2023  
nabilasintia@nabilasintia:~$ ping google.com  
PING google.com (64.233.170.139) 56(84) bytes of data:  
64 bytes from sg-in-f139.1e100.net (64.233.170.139): icmp_seq=1 ttl=128 time=63.  
8 ms  
64 bytes from sg-in-f139.1e100.net (64.233.170.139): icmp_seq=2 ttl=128 time=76.  
2 ms  
64 bytes from sg-in-f139.1e100.net (64.233.170.139): icmp_seq=3 ttl=128 time=62.  
3 ms  
64 bytes from sg-in-f139.1e100.net (64.233.170.139): icmp_seq=4 ttl=128 time=65.  
3 ms  
64 bytes from sg-in-f139.1e100.net (64.233.170.139): icmp_seq=5 ttl=128 time=76.  
1 ms  
64 bytes from sg-in-f139.1e100.net (64.233.170.139): icmp_seq=6 ttl=128 time=73.  
9 ms  
64 bytes from sg-in-f139.1e100.net (64.233.170.139): icmp_seq=7 ttl=128 time=74.  
7 ms  
64 bytes from sg-in-f139.1e100.net (64.233.170.139): icmp_seq=8 ttl=128 time=59.  
8 ms  
64 bytes from sg-in-f139.1e100.net (64.233.170.139): icmp_seq=9 ttl=128 time=58.  
5 ms  
64 bytes from sg-in-f139.1e100.net (64.233.170.139): icmp_seq=10 ttl=128 time=52.  
9 ms
```