

# PENGANTAR TELEKOMUNIKASI



DISUSUN OLEH :

TIARA MUTIA SARI

09011182025009

**DOSEN PENGAMPUH :**

**ADI HERMANSYAH, S.KOM., M.T.**

**MATA KULIAH:**

**PENGANTAR TELEKOMUNIKASI**

**FAKULTAS ILMU KOMPUTER**

**UNIVERSITAS SRIWIJAYA**

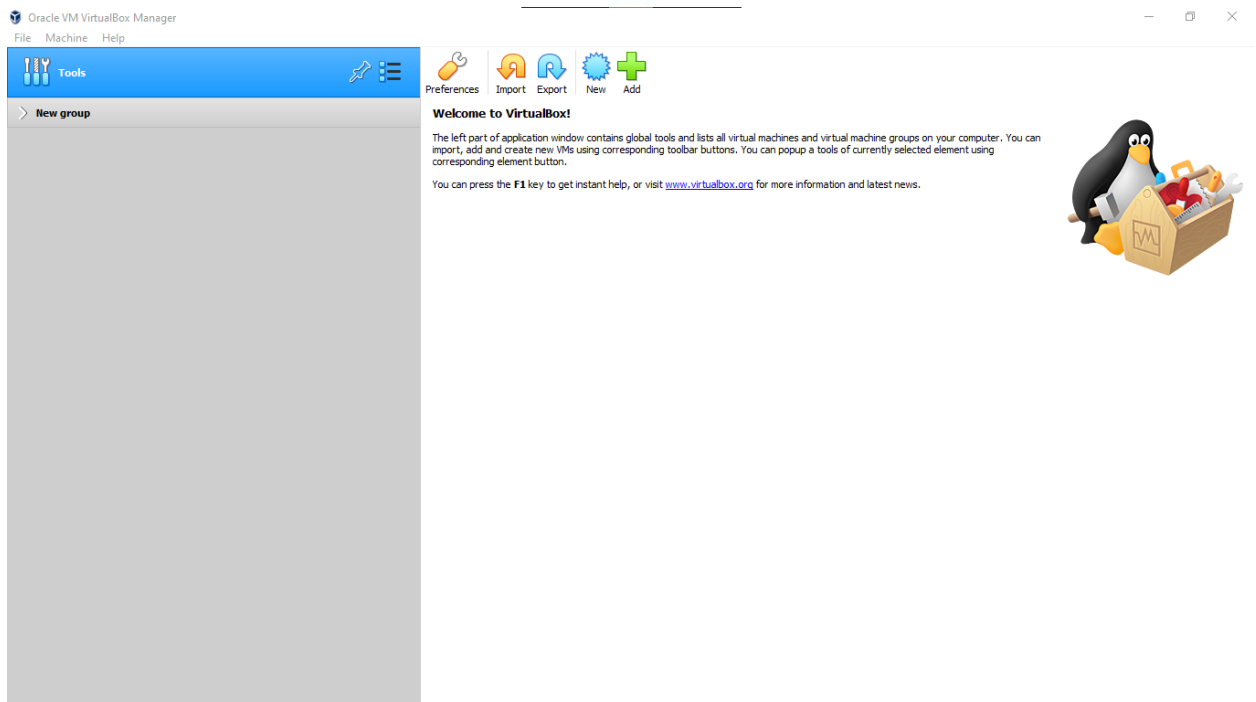
**TAHUN AJARAN 2020/2021**

## Tugas Pengantar Telekomunikasi :

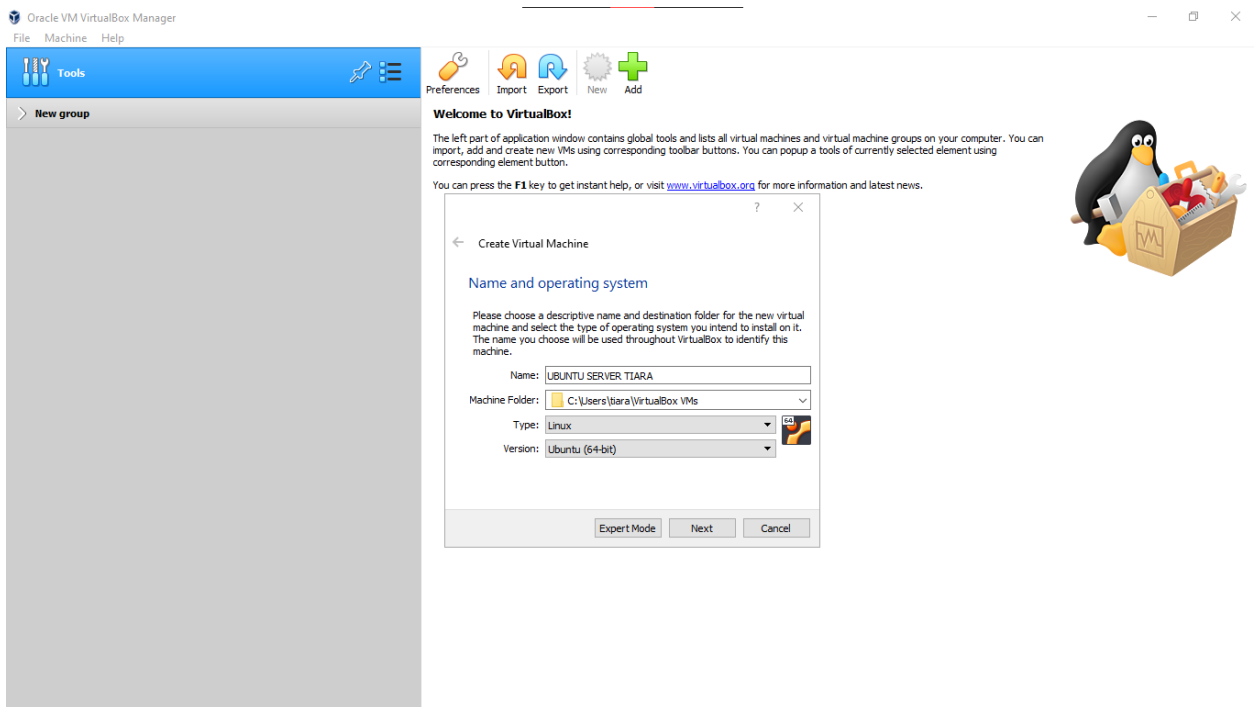
1. Instal Ubuntu server di virtual box
2. Konfigurasi SSH
3. remote SSH terminal
4. Buat website HTML

Pertama, install terlebih dahulu Virtual Box di web resminya ([virtualbox.org](https://www.virtualbox.org)) lalu klik windows hosts. Kemudian virtual box mulai mengunduh.

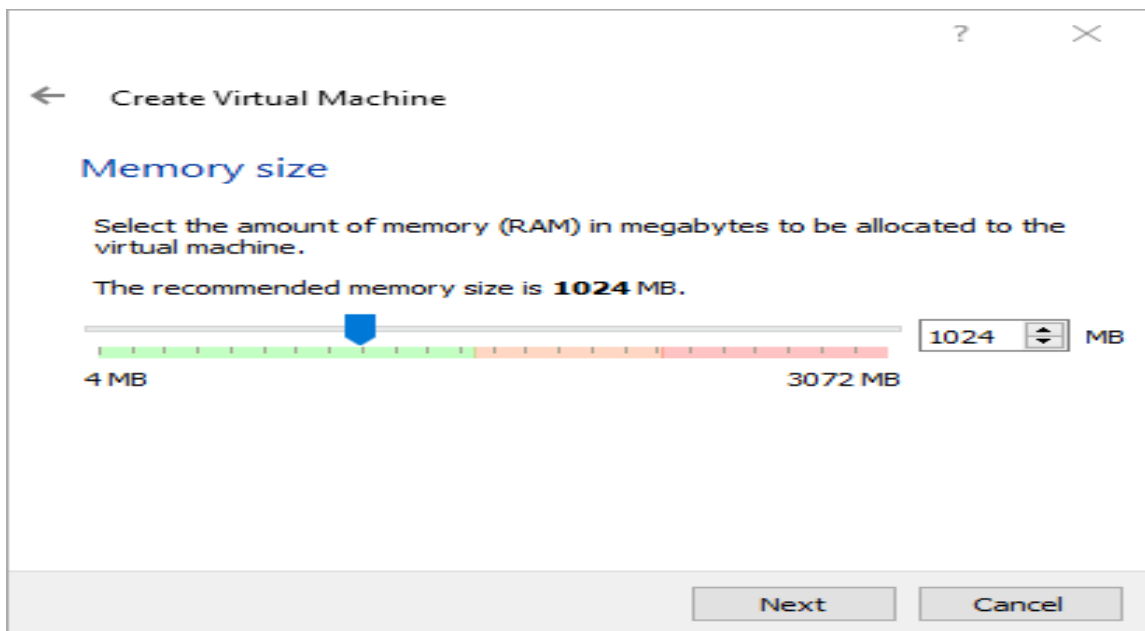
### - Halaman pertama pada virtual box



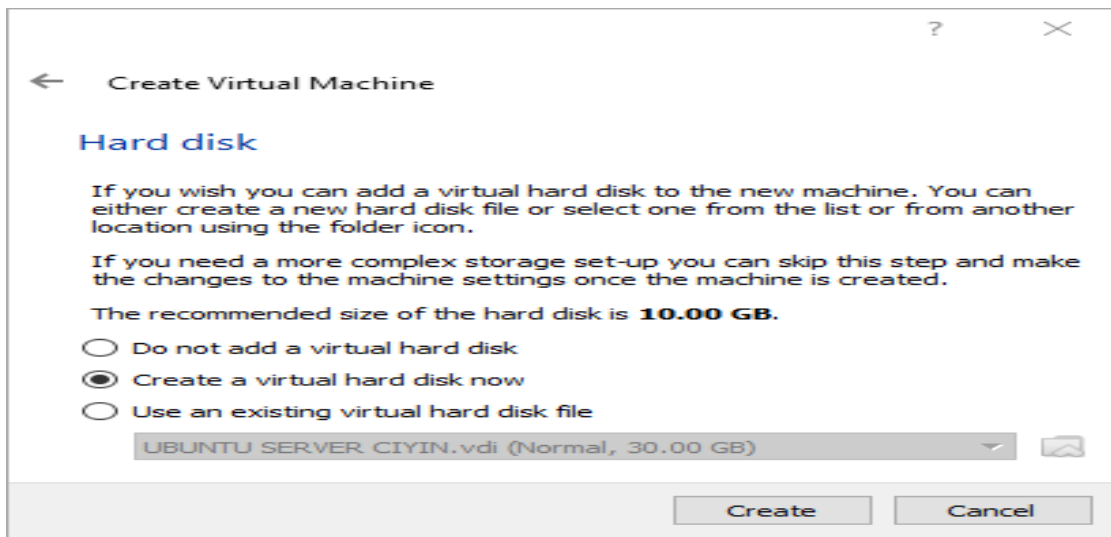
- Klik new pada bagian atas virtual box, kemudian isi nama/folder yang tertera.



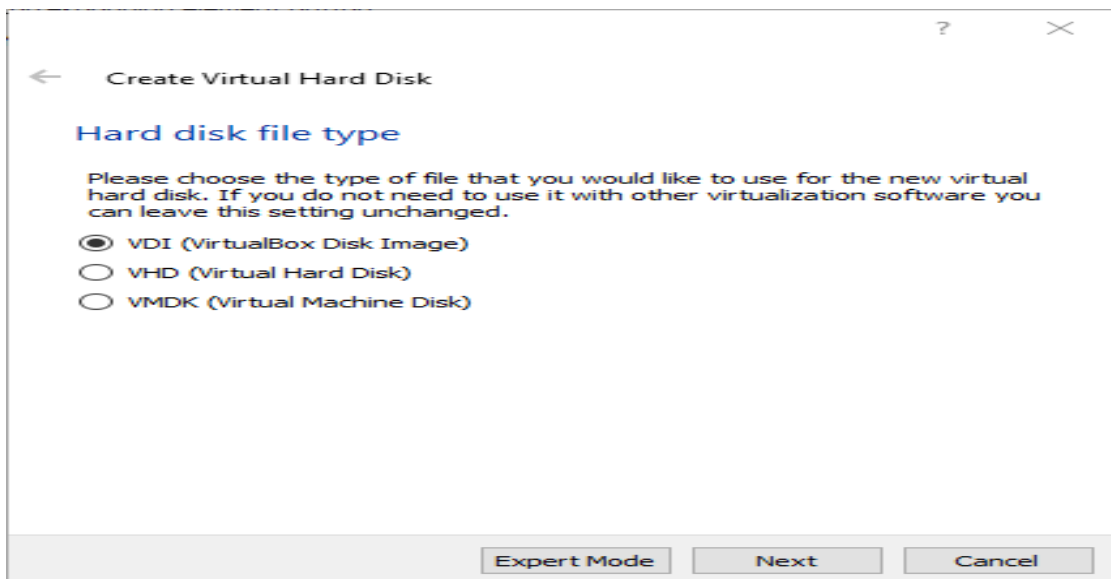
- Setelah next, akan muncul setelan memory size pada halaman berikutnya lalu kita atur RAM sampai akhir titik hijau



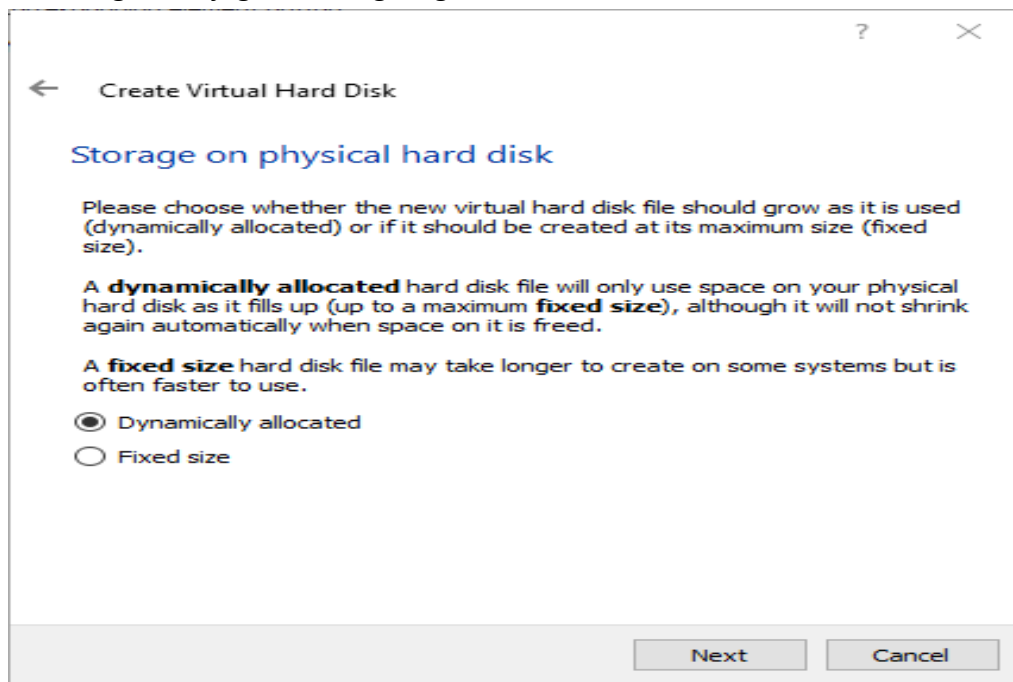
- Next, akan muncul penggunaan HARD DISK, disini langsung kita create kan saja.



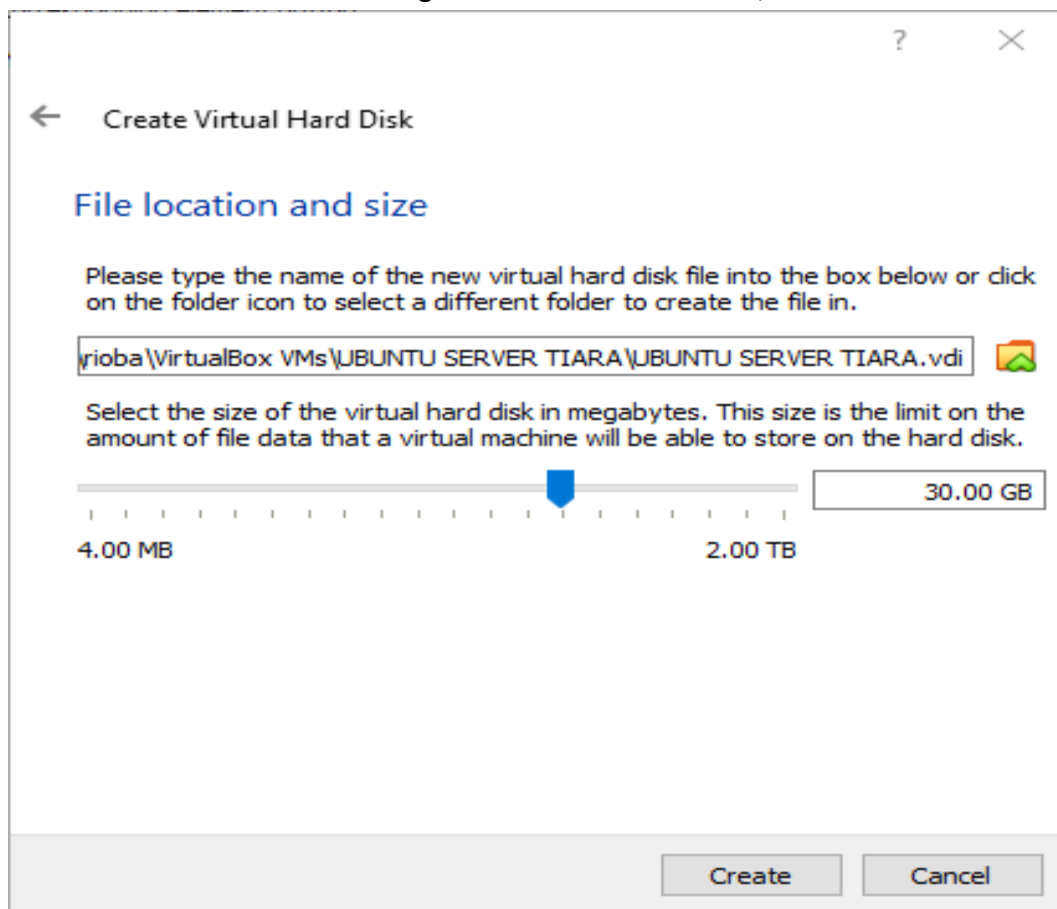
- Setelah itu kita akan disuruh memilih type file pada HARD DISK, dan disini juga kita bisa langsung menekan next.



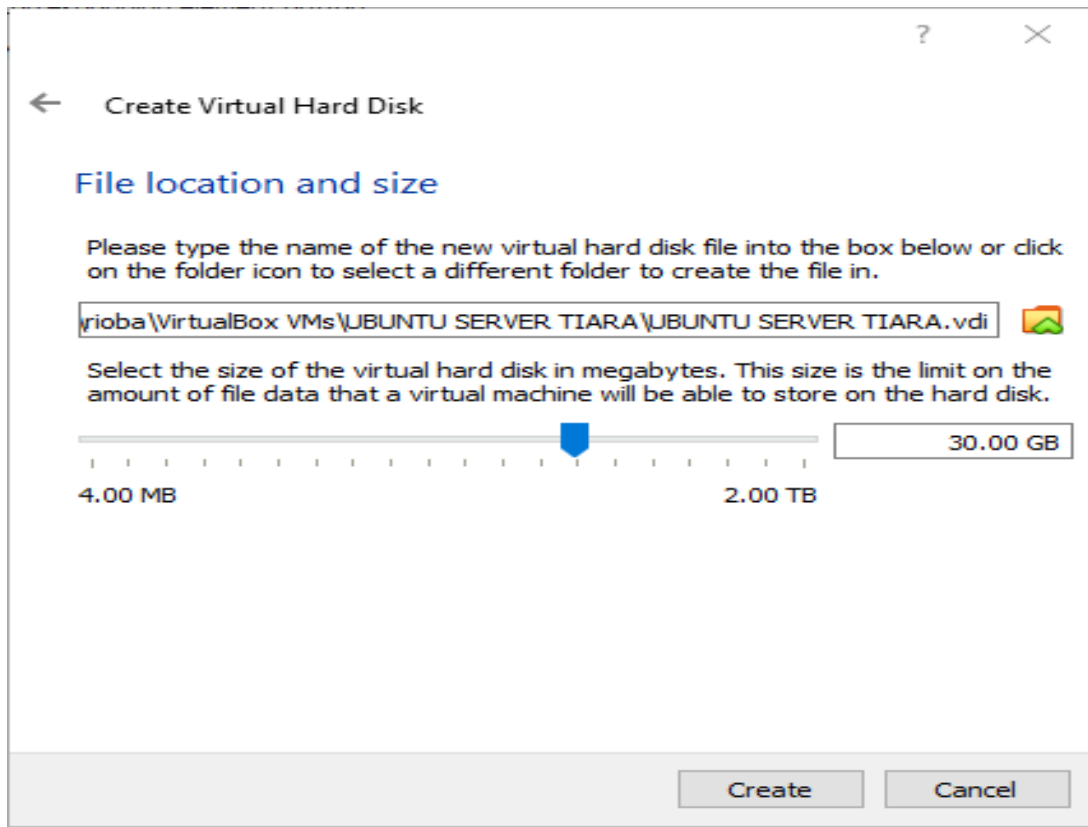
- Pada bagian ini juga bisa langsung kita next.



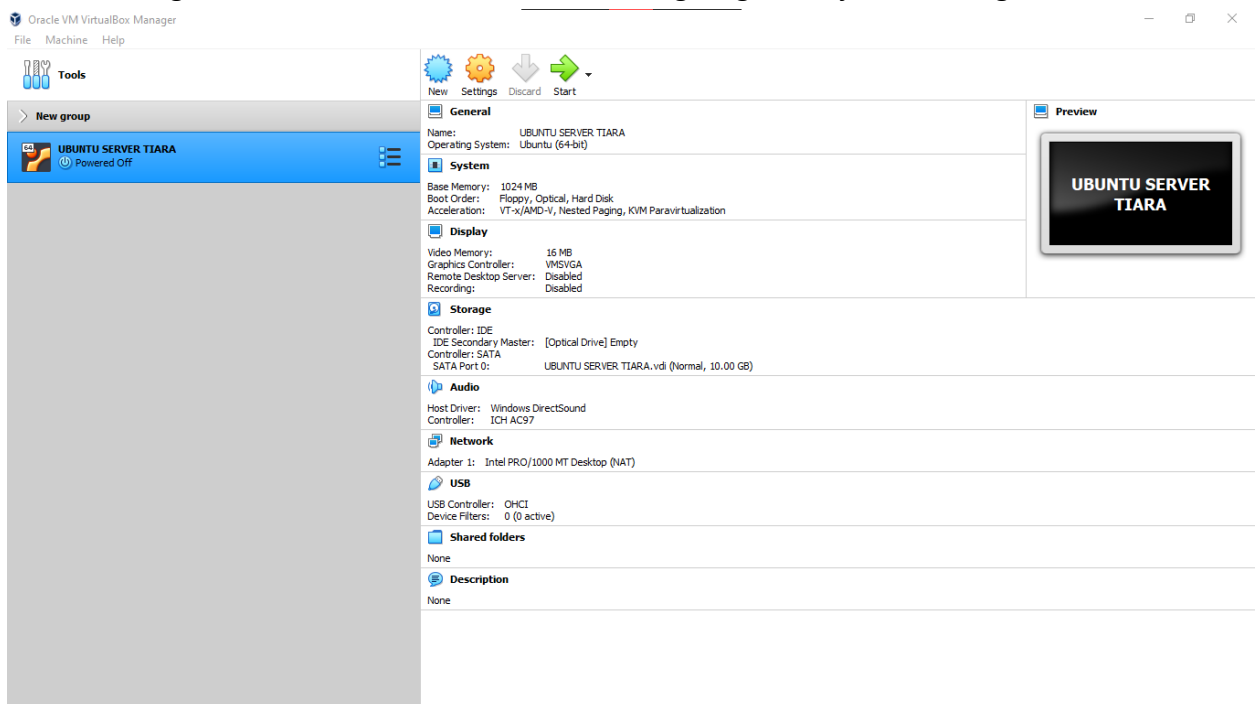
- Setelah menekan next kita mengatur file location and size,



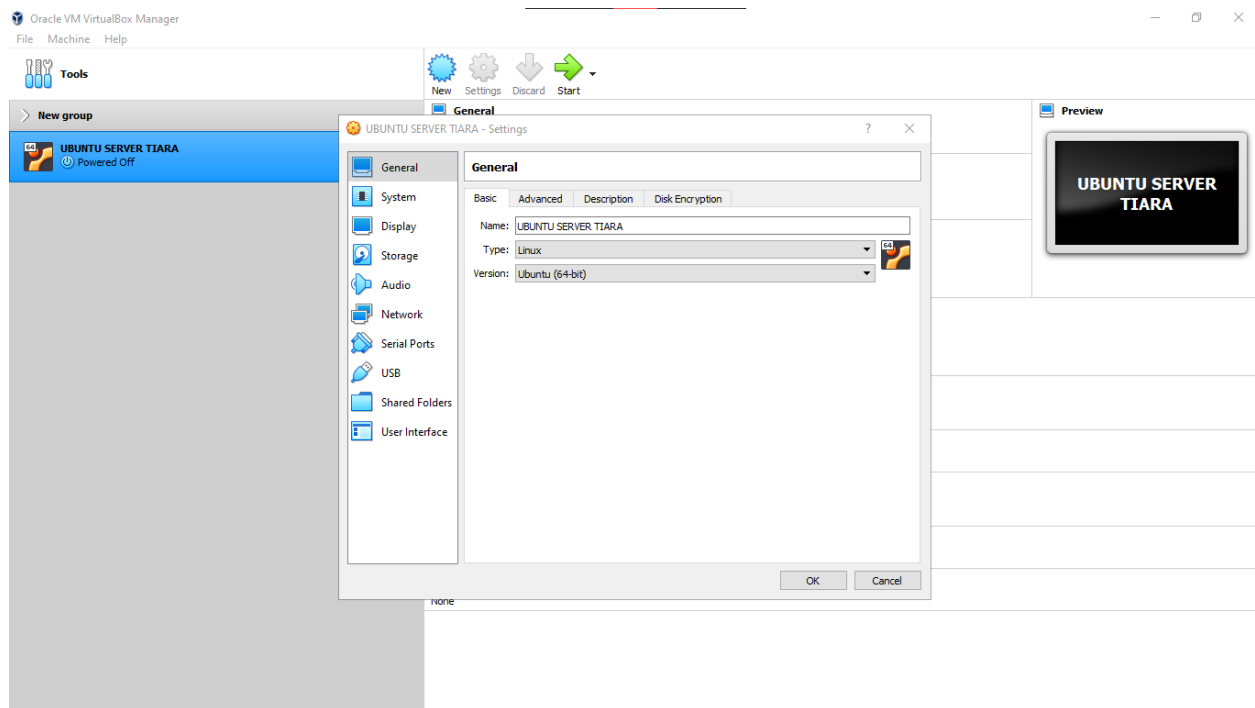
- Disini saya menggunakan size 30.00 GB



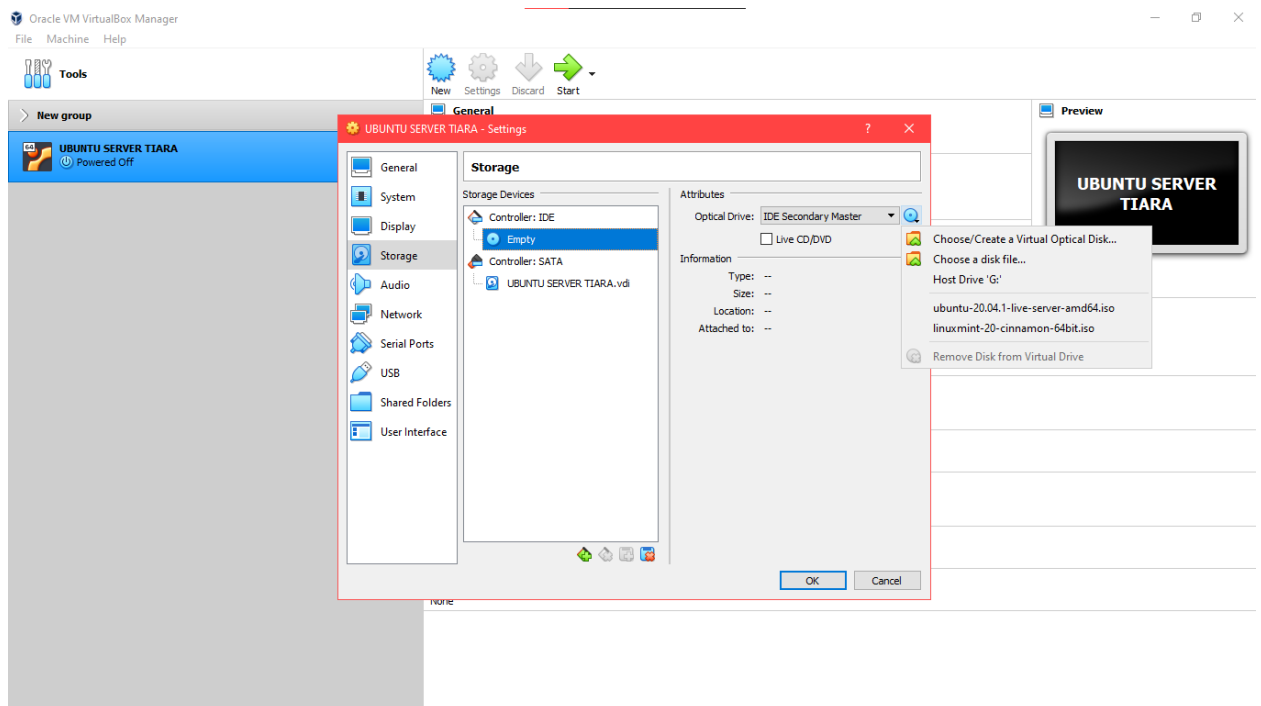
- Setelah mengklik create maka telah selesai, dan langsung berlanjut ke settings



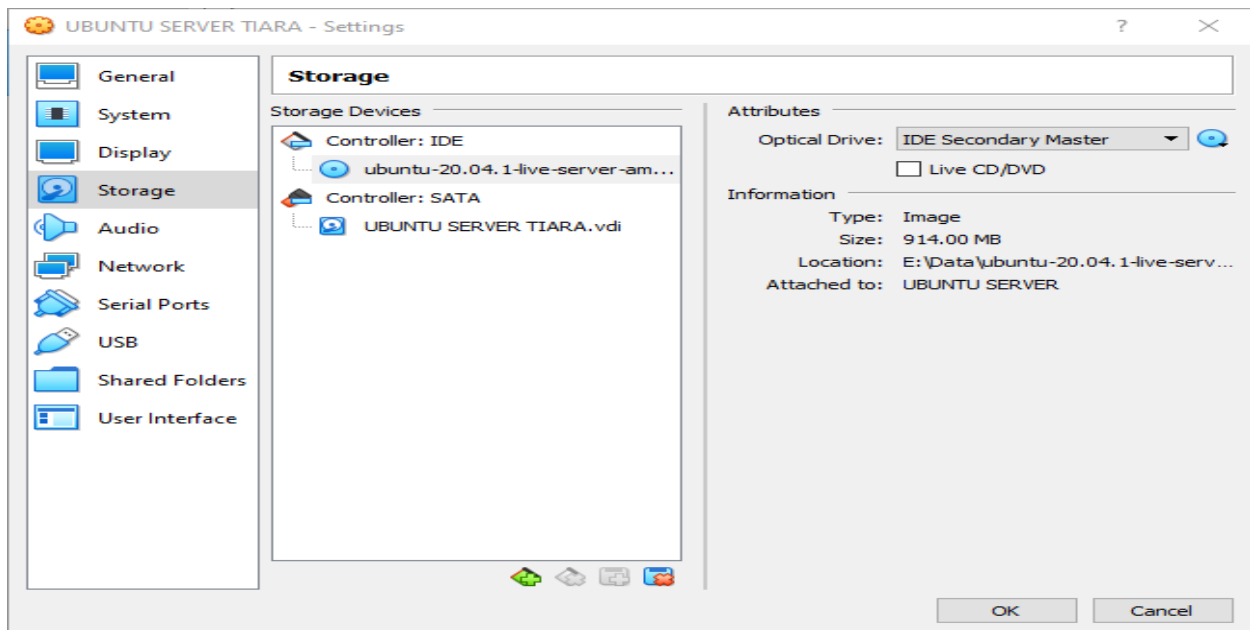
- Maka akan muncul kotak kecil seperti yang tertera pada gambar.



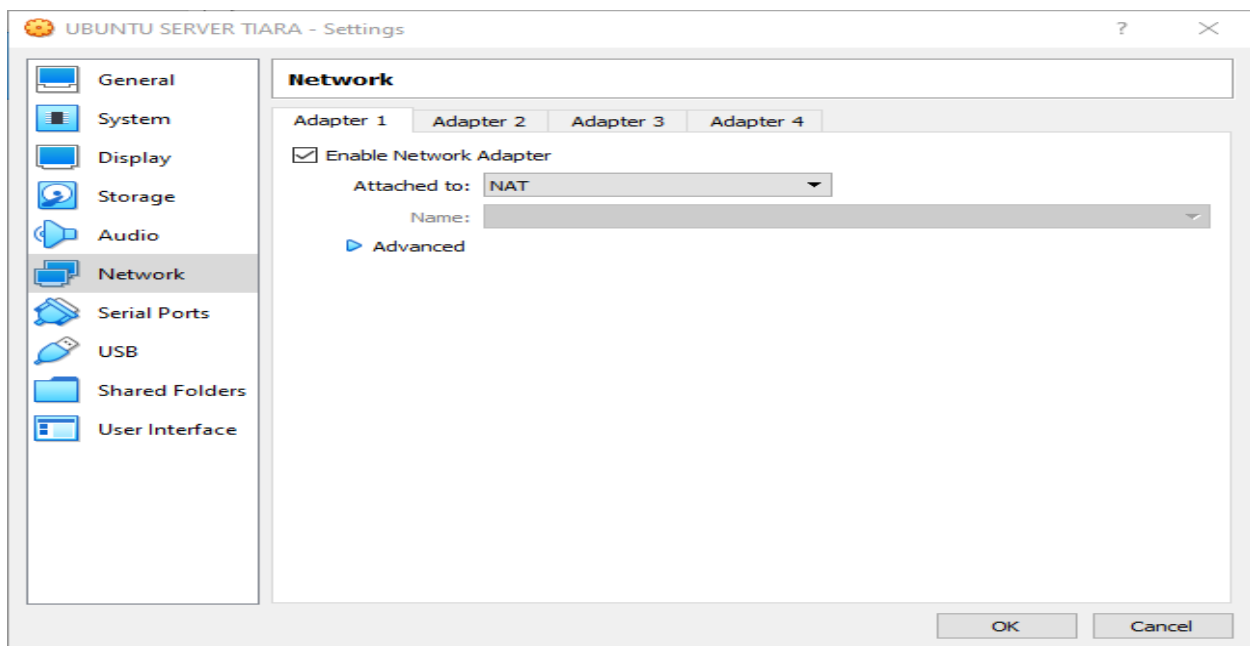
- Kemudian kita mengklik setting, dan tekan gambar kaset yang bertuliskan empty, dan akan muncul disebelahnya, langsung saja mengklik symbol kaset pada bagian yang paling kanan untuk menambah empty nya.



- Dengan memasukkan file Ubuntu server yang kita download di google.

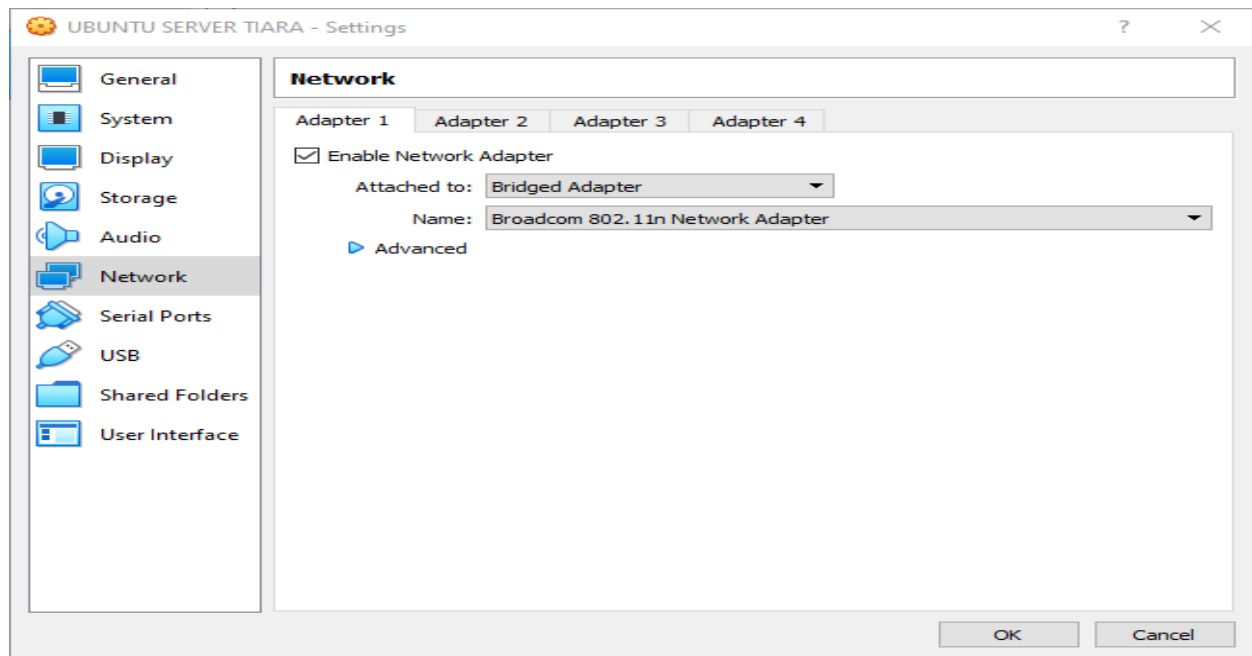


- Kemudian kita mengklik Network, akan muncul halaman seperti ini.

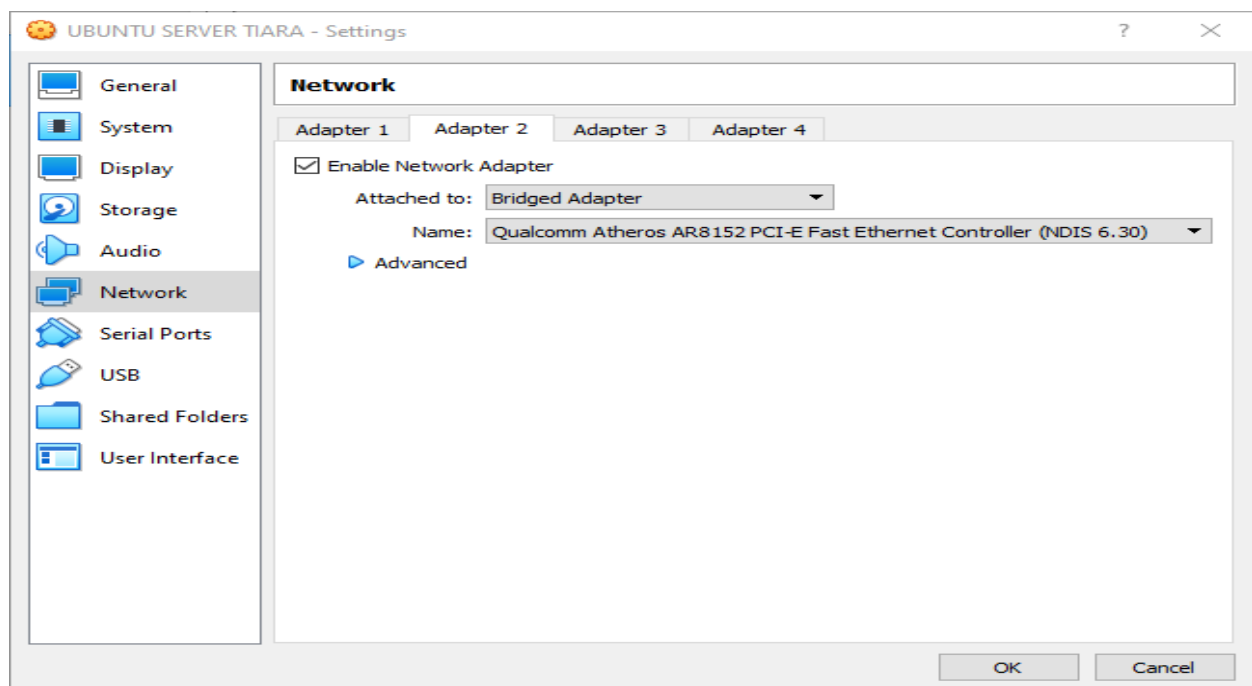




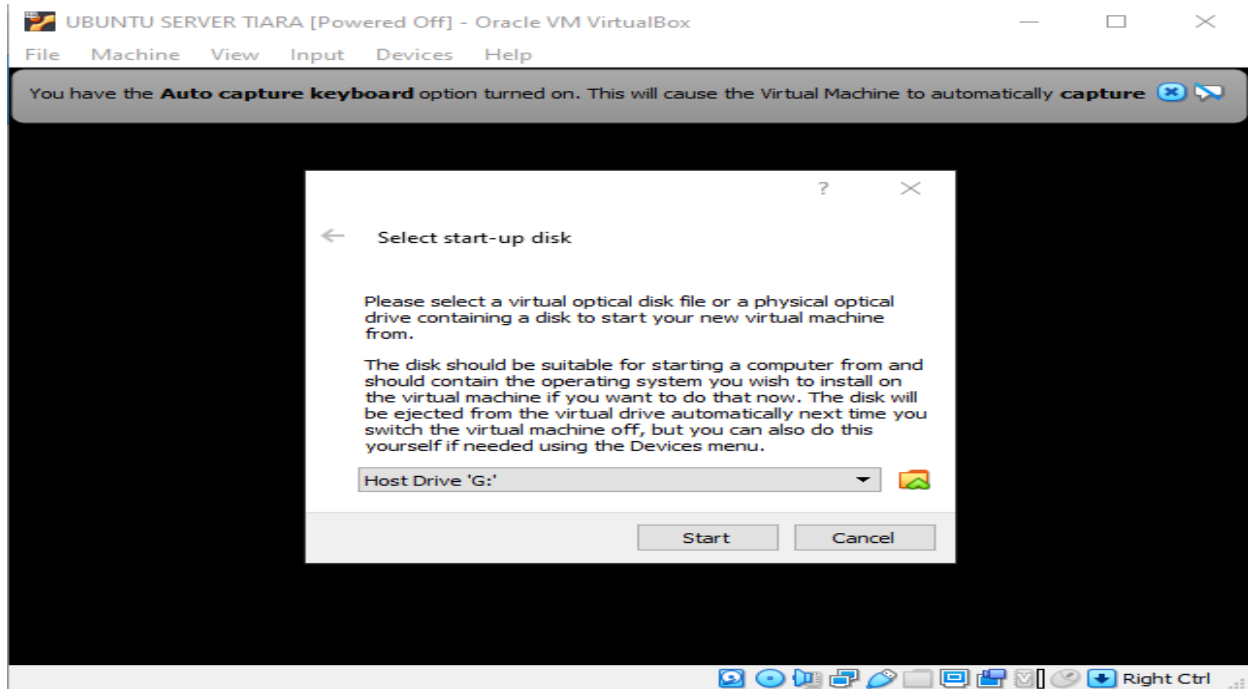
- Kemudian kita merubah NAT menjadi Bridged Adapter



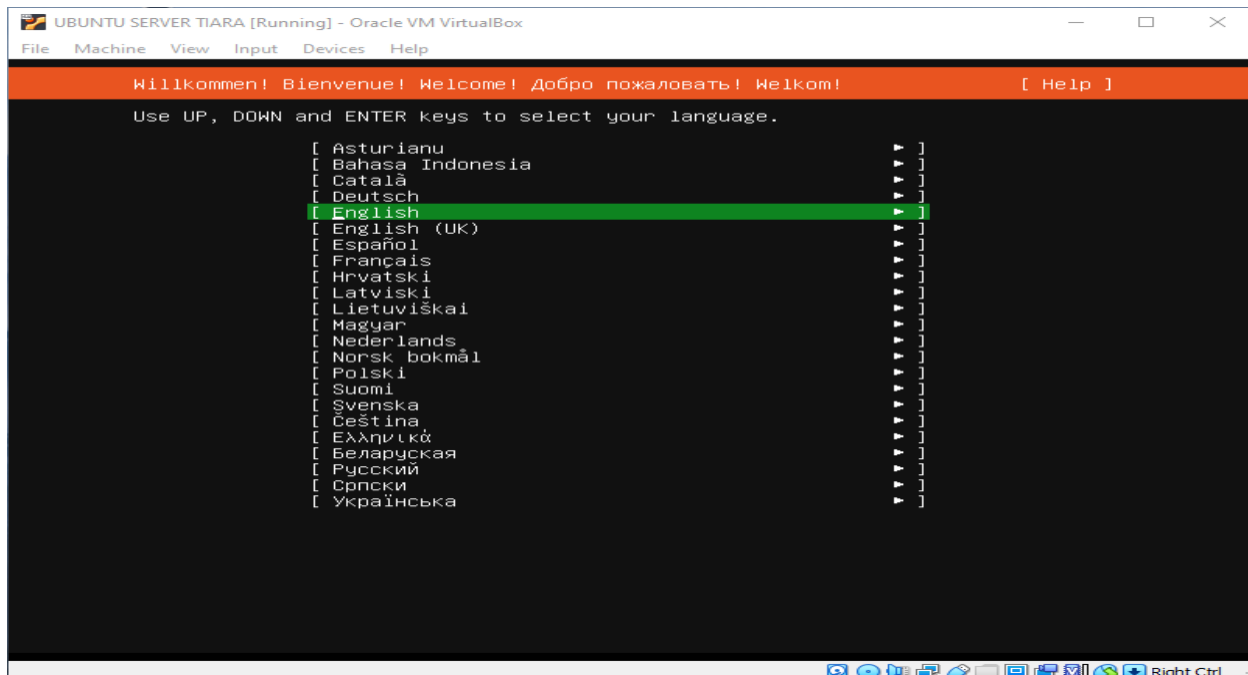
- Begitu pula, pada adapter2.



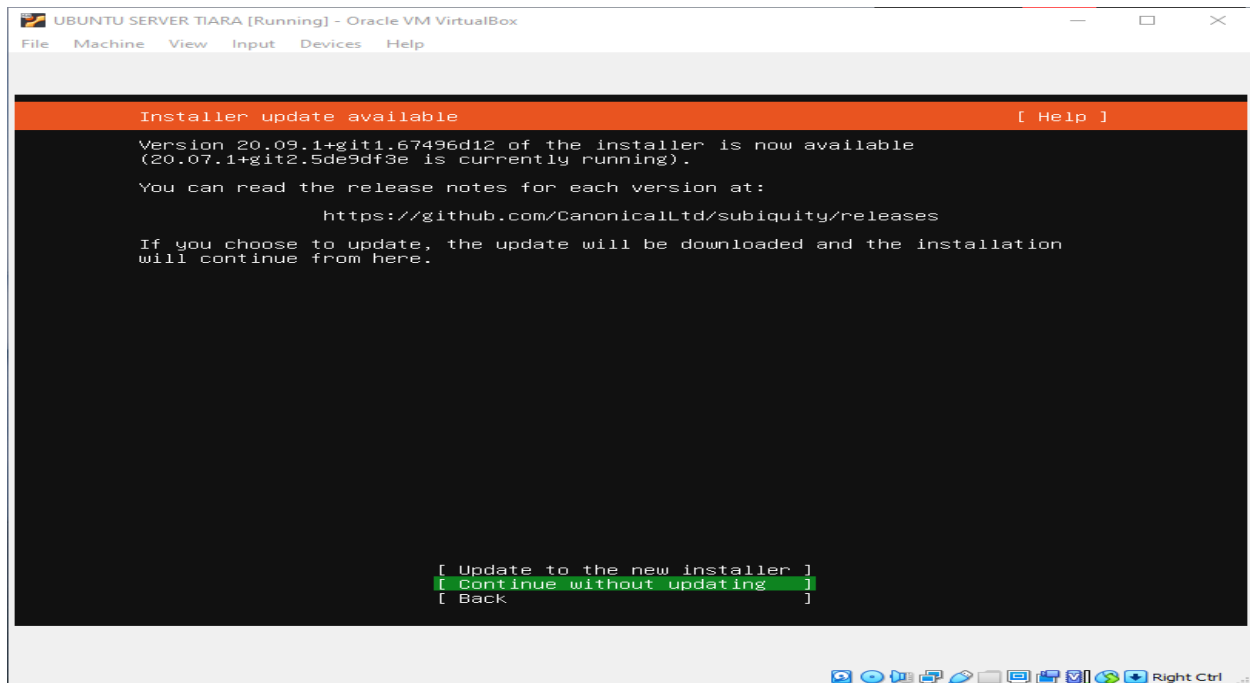
- Setelah itu maka kita langsung memulai untuk menginstal Ubuntu servernya.



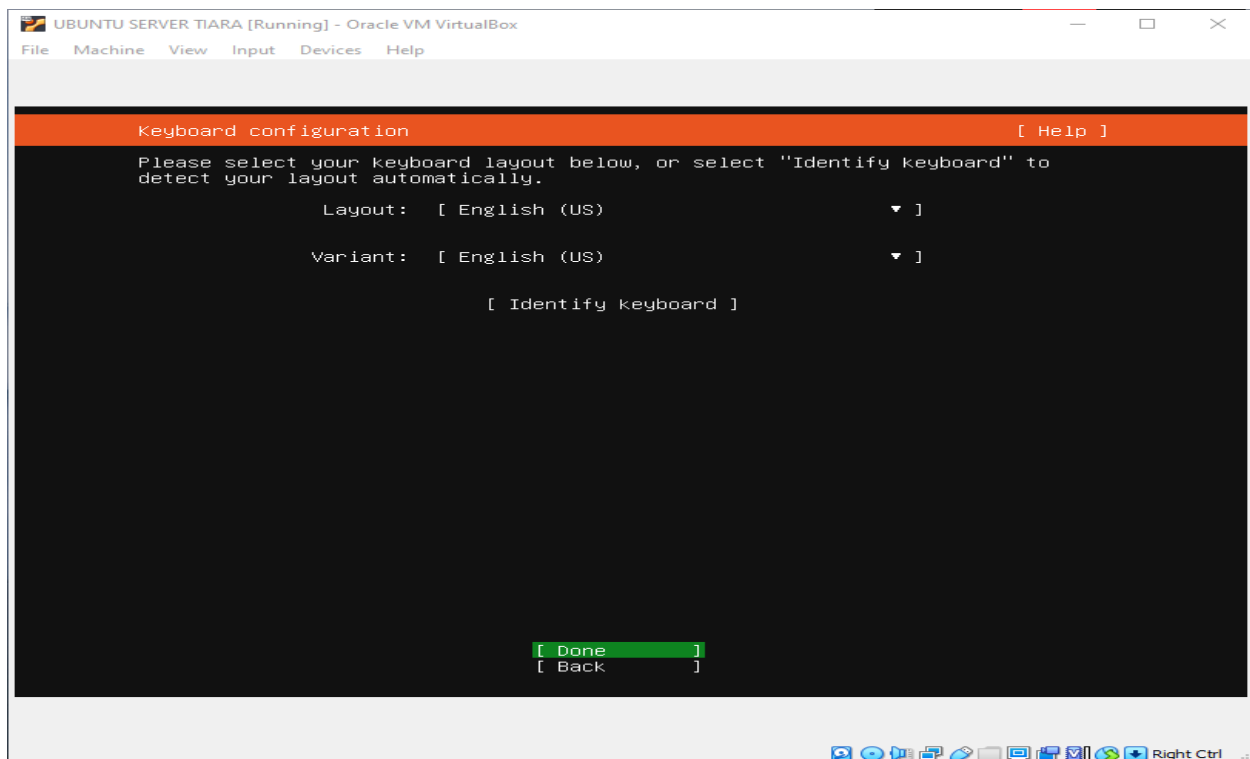
- Pada bagian pertama akan muncul pemilihan bahasa, bahasa yang kita pilih adalah bahasa inggris.



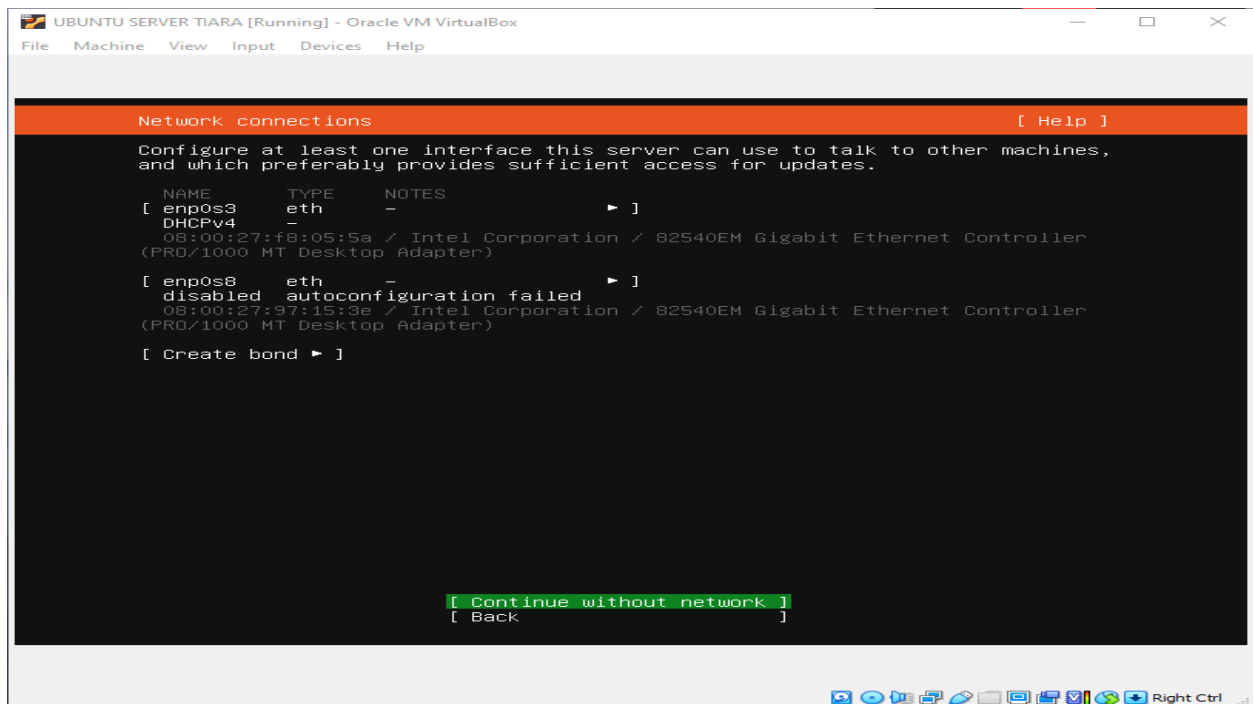
- Ketika muncul halaman seperti ini, maka dibagian paling bawah kita klik pilihan yang tengah yaitu continue without updating



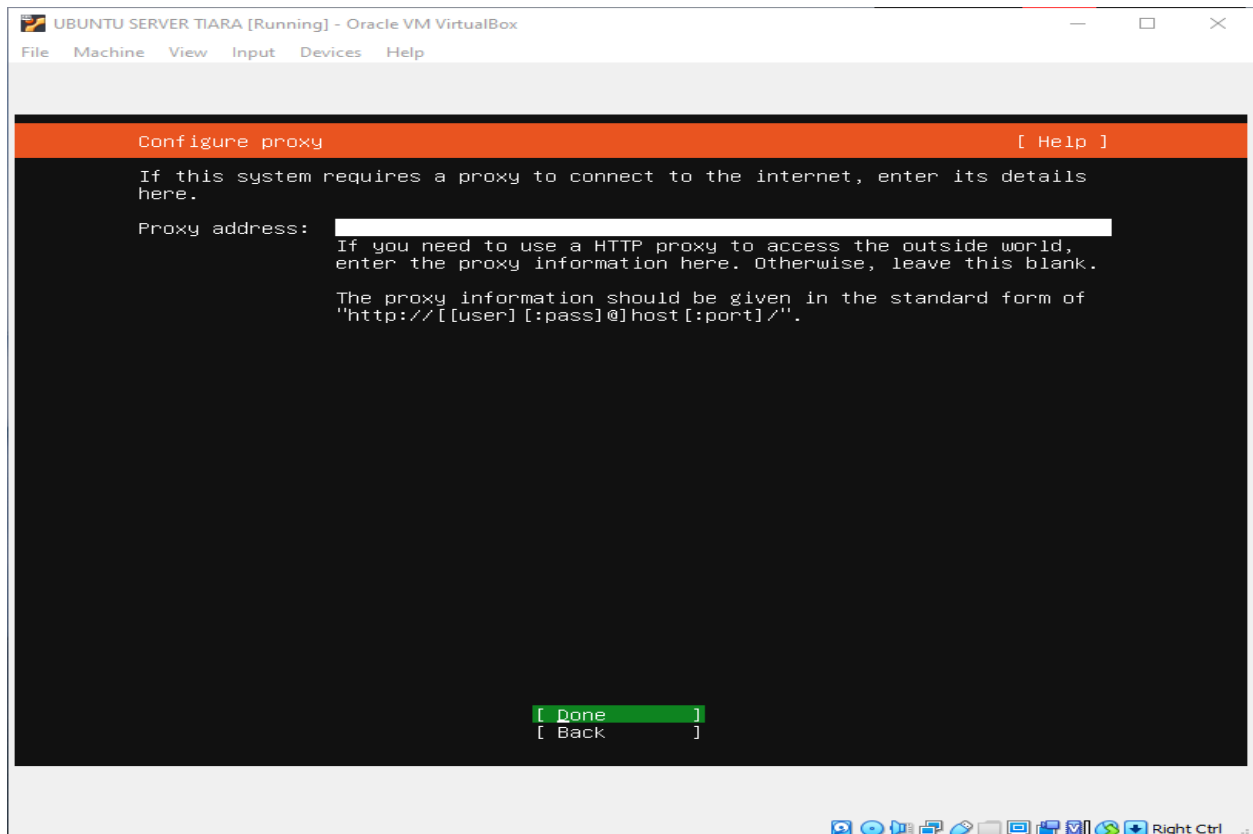
- Keyboard configuration kita rubah juga menjadi English ( US ) semua, kemudian Done.



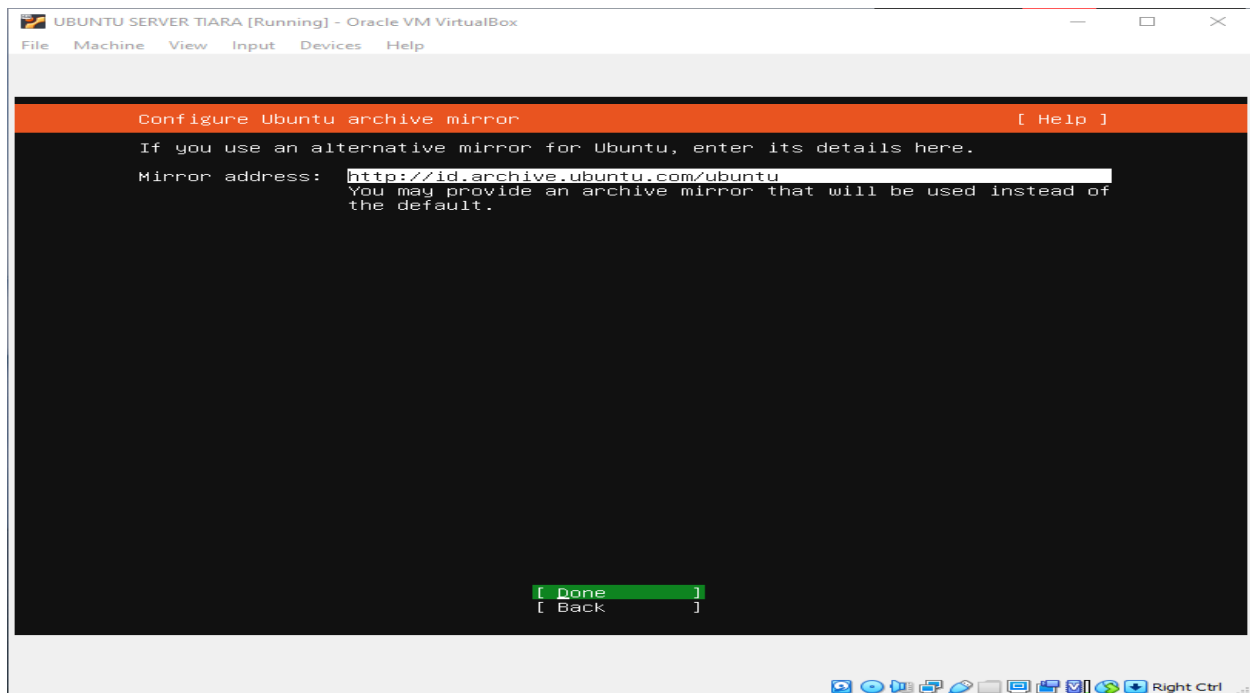
- Kemudia continue without network.



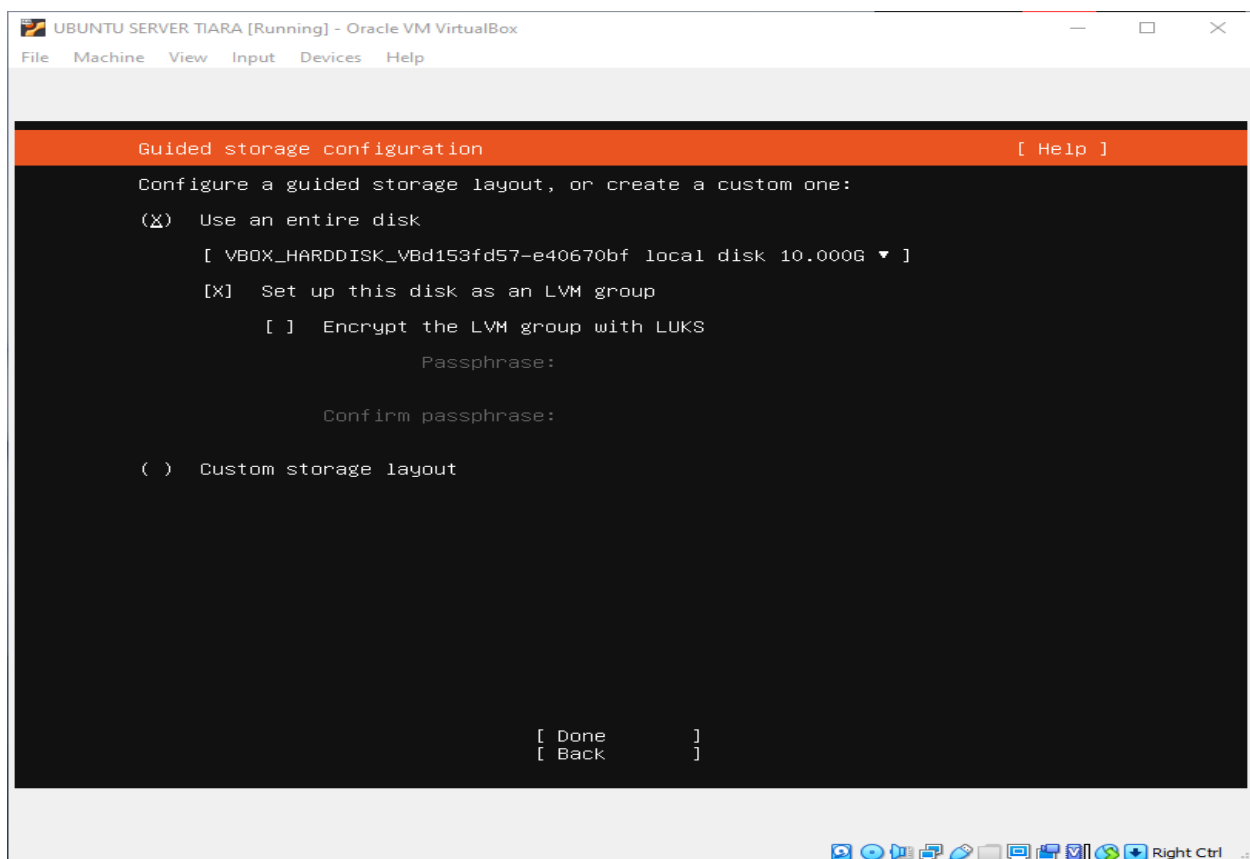
- Kita tidak perlu mengisi proxy address, maka langsung kita klik Done.



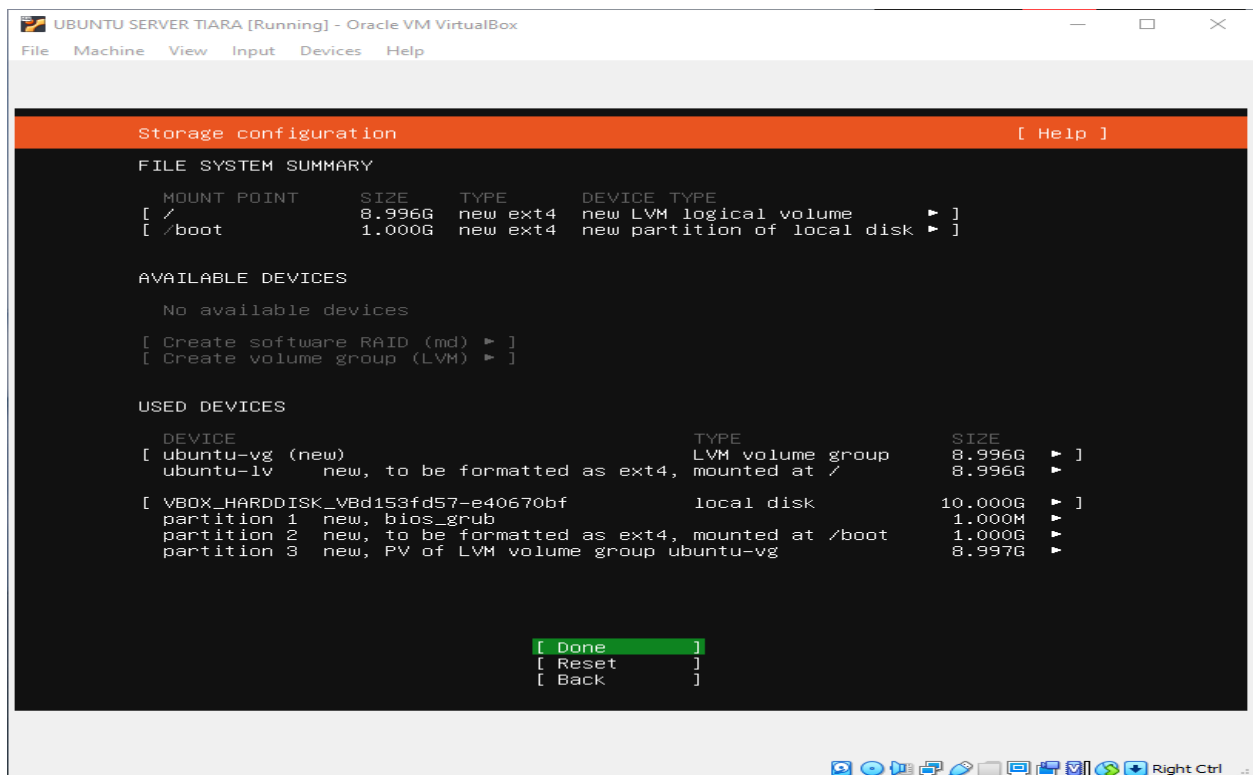
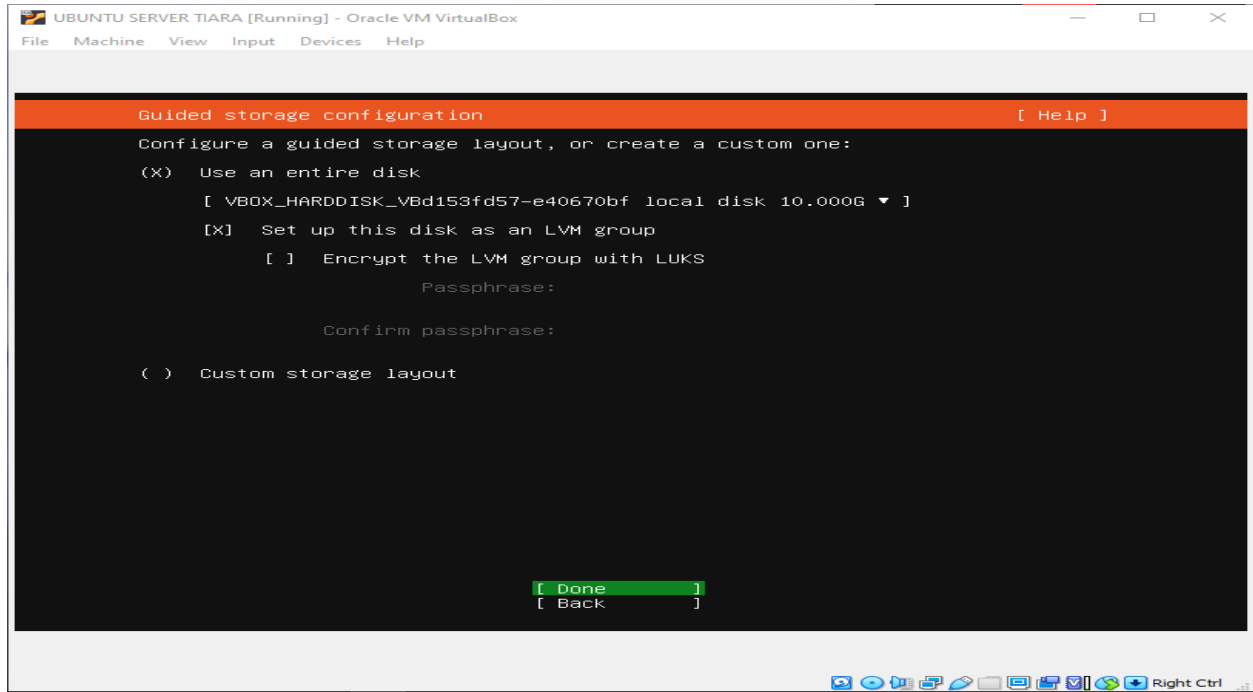
- Kita isi mirror address : <http://id.archive.ubuntu.com/ubuntu> , kemudia Done.



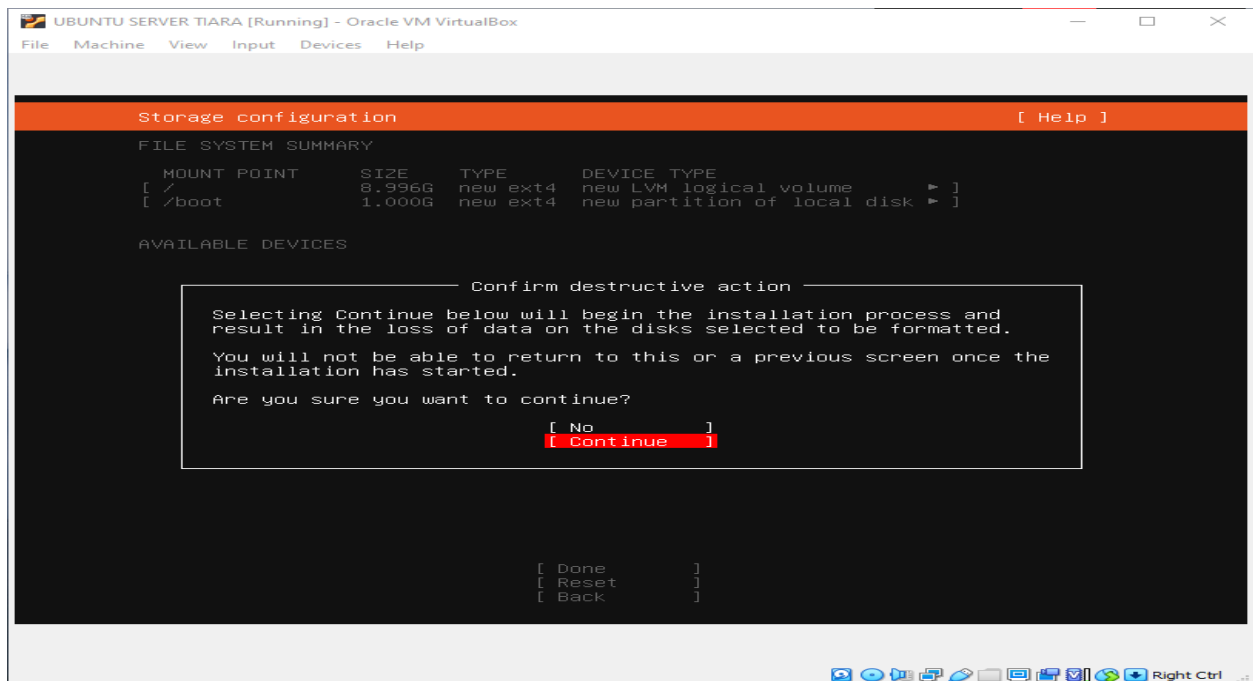
- Akan muncul halaman seperti ini.



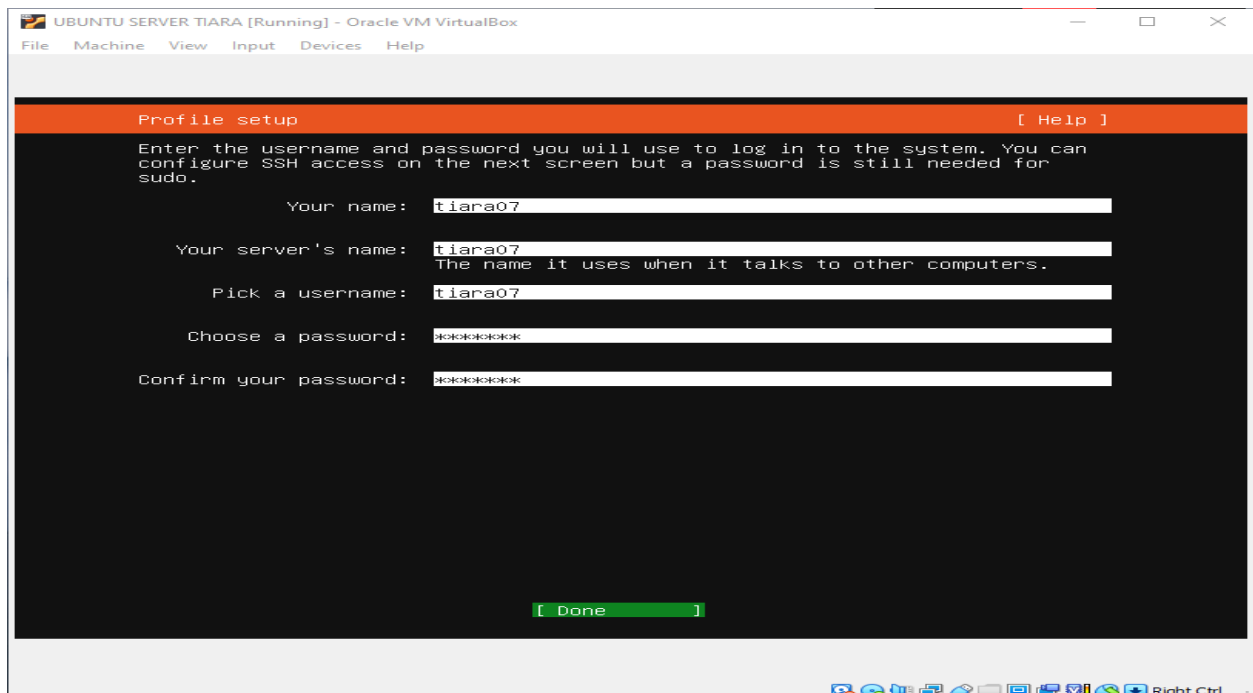
- Langsung kita Done juga



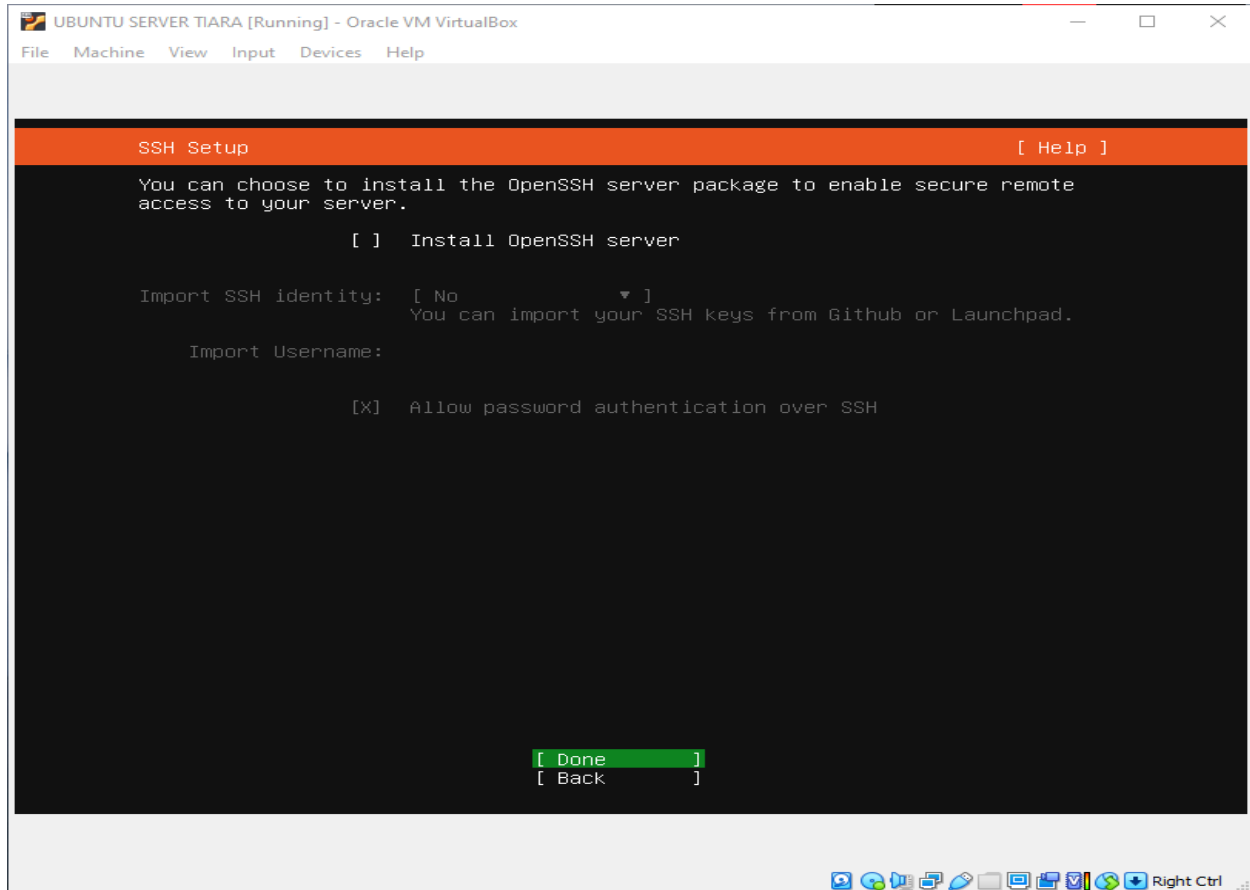
- Setelah kita done maka akan muncul ini, dan kita pilih continue



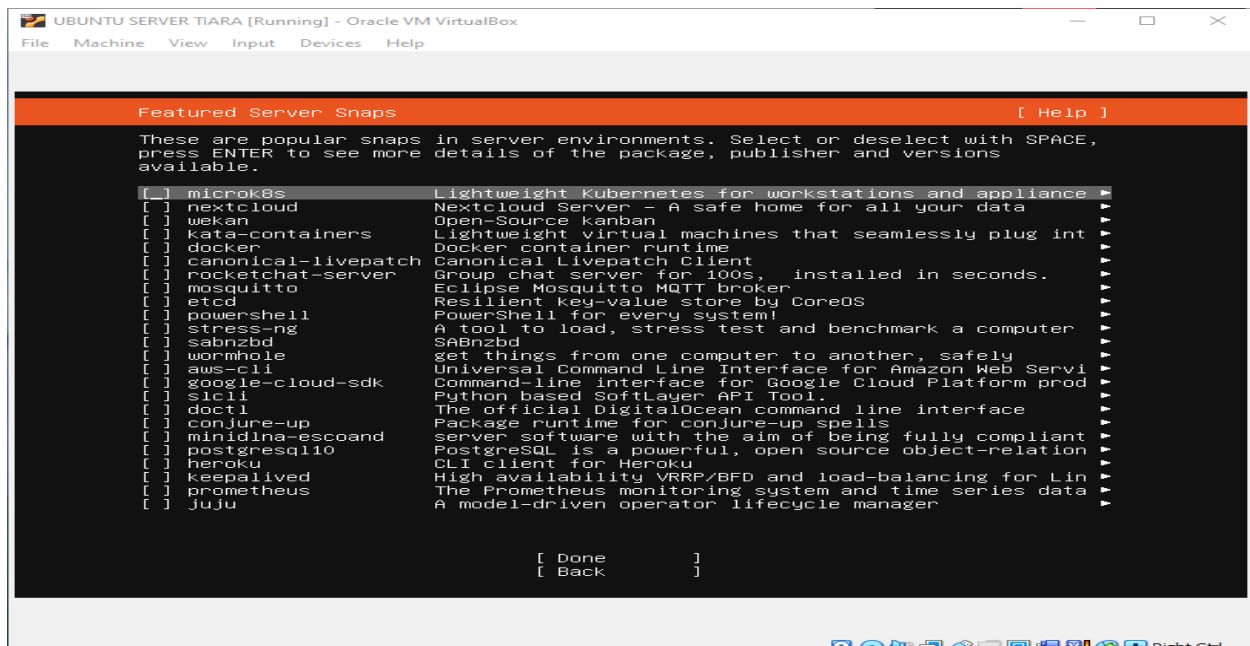
- Kemudian kita isi name, server's name dan pass, kemudian Done.



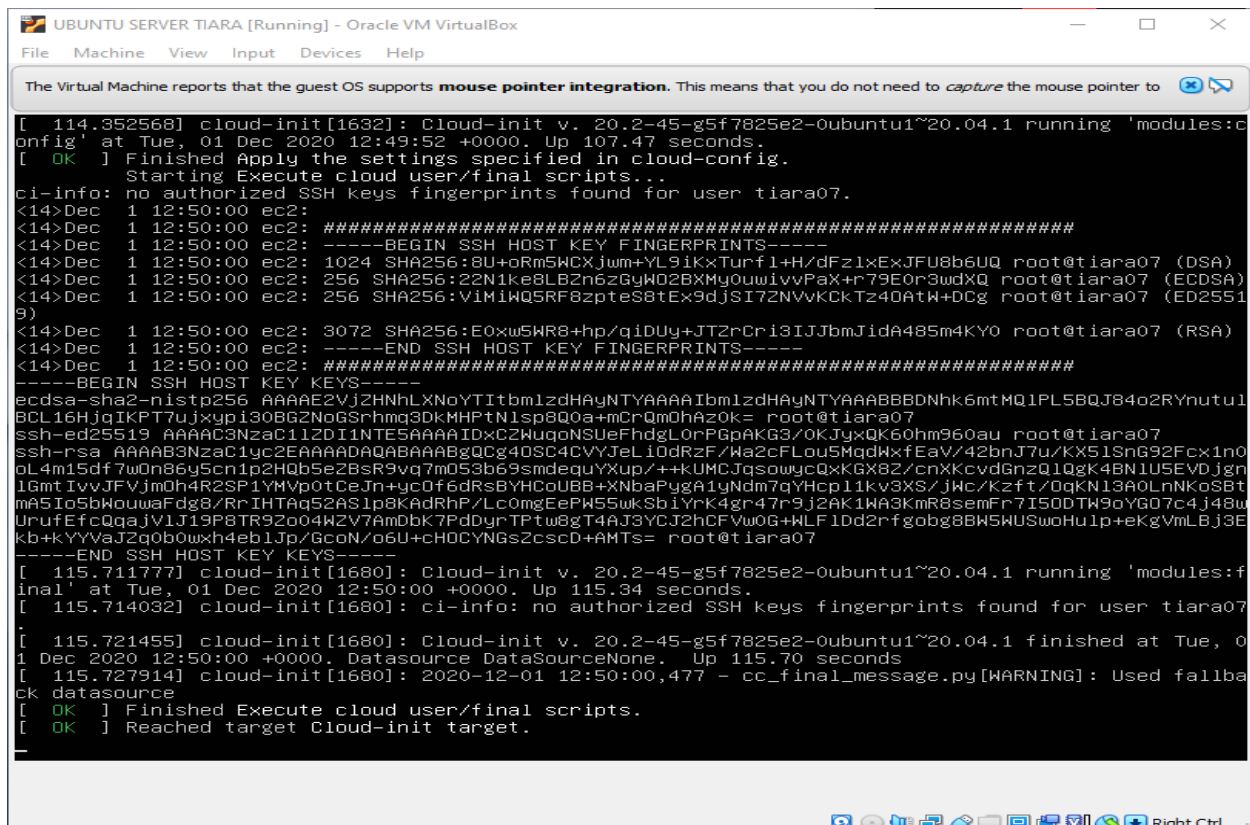
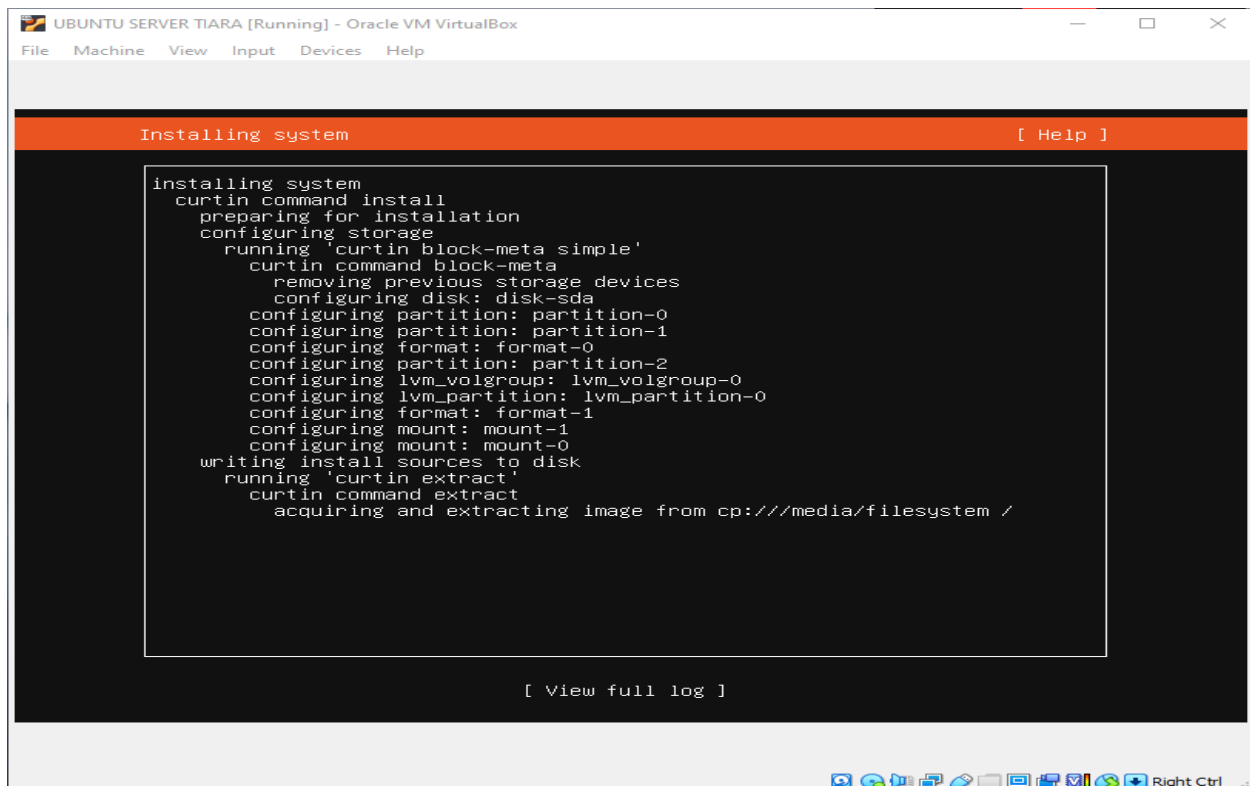
- Kemudian kita akan masuk kehalaman SSH



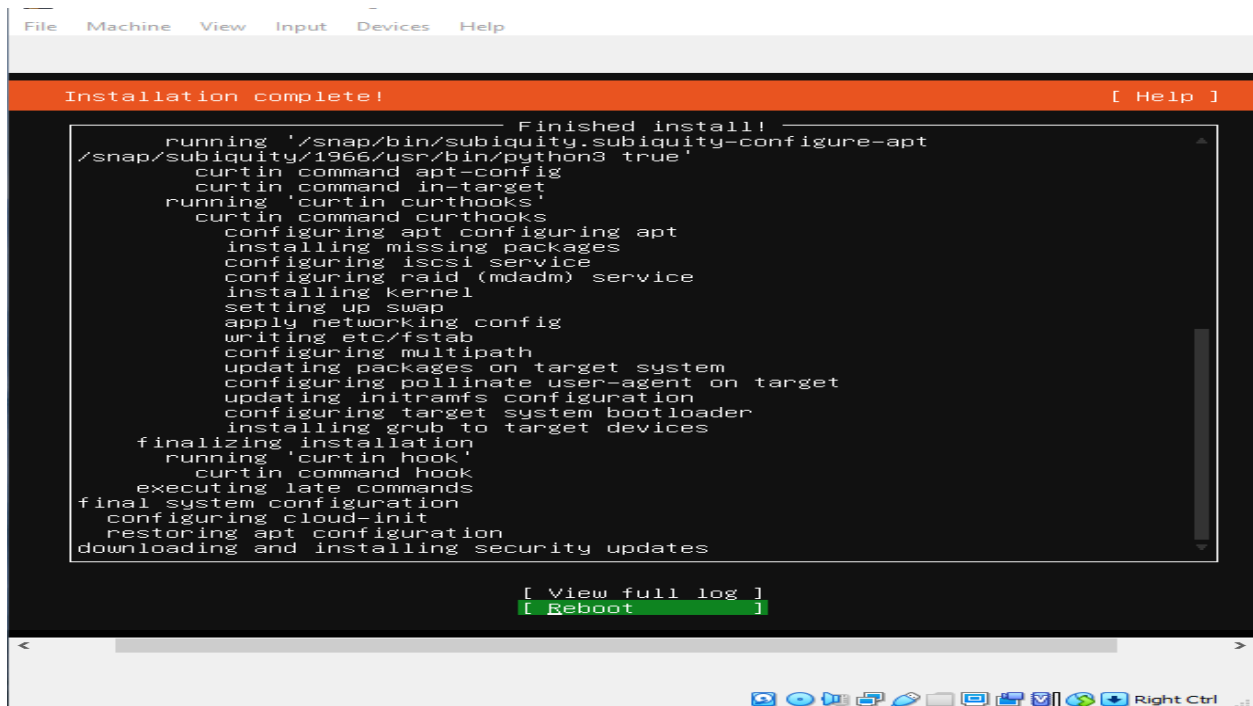
- Done



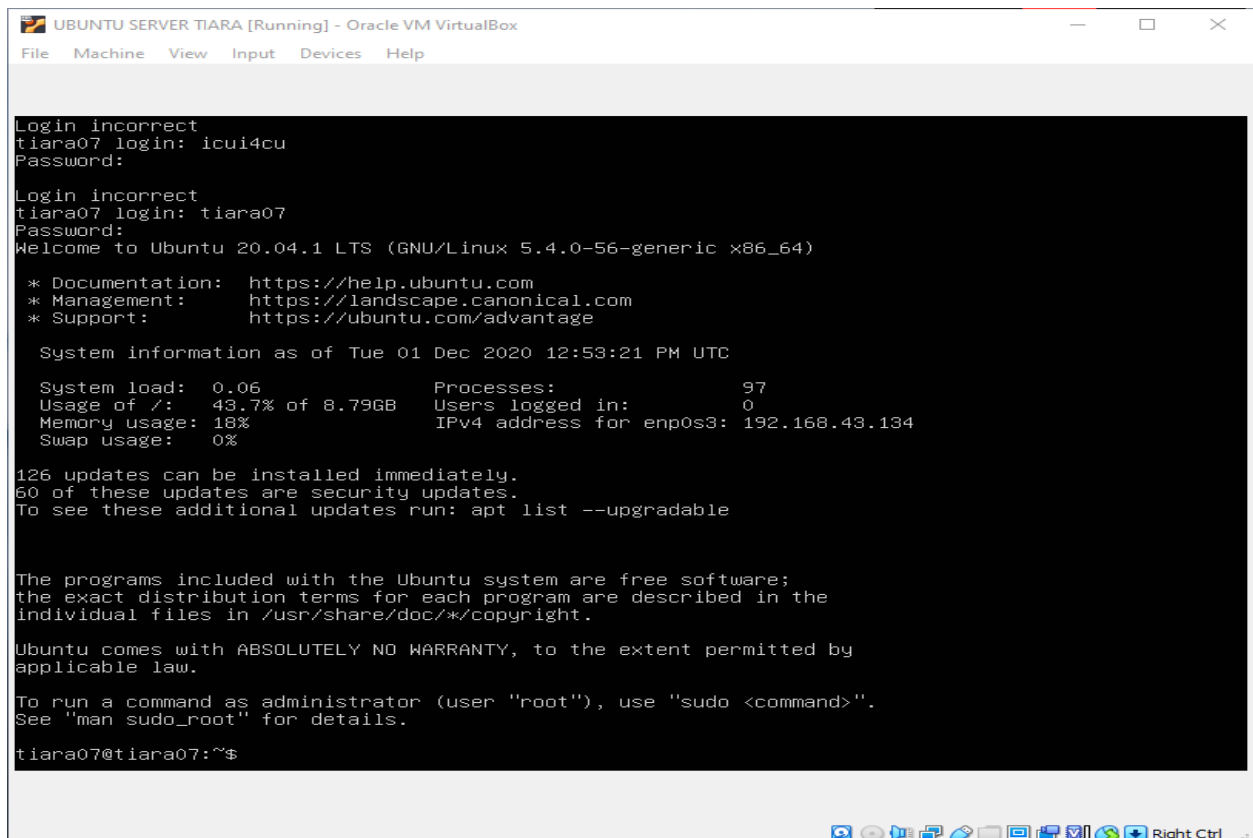




- Pada bagian ini kita klik geboot



- Disini kita login Ubuntu,



- Kemudian kita mengisi command "sudo apt-get update". Dan mengisi pass kemudian enter.

```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

tiara07 login: icui4cu
Password:
Login incorrect
tiara07 login: tiara07
Password:
Welcome to Ubuntu 20.04.1 LTS (GNU/Linux 5.4.0-56-generic x86_64)

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

System information as of Tue 01 Dec 2020 12:53:21 PM UTC

System load:  0.06          Processes:      97
Usage of /:   43.7% of 8.79GB Users logged in:    0
Memory usage: 18%          IPv4 address for enp0s3: 192.168.43.134
Swap usage:   0%

126 updates can be installed immediately.
60 of these updates are security updates.
To see these additional updates run: apt list --upgradable

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.

tiara07@tiara07:~$ sudo apt-get update
[sudo] password for tiara07: _
```

```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

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.

tiara07@tiara07:~$ sudo apt-get update
[sudo] password for tiara07:
Hit:1 http://id.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://id.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://id.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://id.archive.ubuntu.com/ubuntu focal-security InRelease
Reading package lists... Done
tiara07@tiara07:~$ sudo apt install net-tools
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  net-tools
0 upgraded, 1 newly installed, 0 to remove and 123 not upgraded.
Need to get 196 kB of archives.
After this operation, 864 kB of additional disk space will be used.
Get:1 http://id.archive.ubuntu.com/ubuntu focal/main amd64 net-tools amd64 1.60+git20180626.aebd88e-1ubuntu1 [196 kB]
Fetched 196 kB in 2s (101 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 67955 files and directories currently installed.)
Preparing to unpack .../net-tools_1.60+git20180626.aebd88e-1ubuntu1_amd64.deb ...
Unpacking net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Processing triggers for man-db (2.9.1-1) ...
tiara07@tiara07:~$
```

- Setelah enter, kita klik ifconfig enter, kemudian klik sudo apt install openssh-server enter

```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
  net-tools
0 upgraded, 1 newly installed, 0 to remove and 123 not upgraded.
Need to get 196 kB of archives.
After this operation, 864 kB of additional disk space will be used.
Get:1 http://id.archive.ubuntu.com/ubuntu focal/main amd64 net-tools amd64 1.60+git20180626.aebd88e-1ubuntu1 [196 kB]
Fetched 196 kB in 2s (101 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 67955 files and directories currently installed.)
Preparing to unpack .../net-tools_1.60+git20180626.aebd88e-1ubuntu1_amd64.deb ...
Unpacking net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Processing triggers for man-db (2.9.1-1) ...
tiara07@tiara07:~$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.43.134 netmask 255.255.255.0 broadcast 192.168.43.255
    inet6 fe80::a00:27ff:fe80:55a prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:f8:05:5a txqueuelen 1000 (Ethernet)
    RX packets 290 bytes 255915 (255.9 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 289 bytes 30999 (30.9 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 203 bytes 16263 (16.2 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 203 bytes 16263 (16.2 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

tiara07@tiara07:~$ sudo apt install openssh-server_
```

```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Creating config file /etc/ssh/sshd_config with new version
Created symlink /etc/systemd/system/ssh.service → /lib/systemd/system/ssh.service.
Created symlink /etc/systemd/system/multi-user.target.wants/ssh.service → /lib/systemd/system/ssh.service.
rescue-ssh.target is a disabled or a static unit, not starting it.
Processing triggers for ufw (0.36-6) ...
Processing triggers for systemd (245.4-4ubuntu3.2) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-0ubuntu9) ...
tiara07@tiara07:~$ ssh tiara07@192.168.43.134
The authenticity of host '192.168.43.134 (192.168.43.134)' can't be established.
ECDSA key fingerprint is SHA256:22N1ke8LBzn6ZGyW02BXMy0uwiwvPaX+r79E0r3wdXQ.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.43.134' (ECDSA) to the list of known hosts.
tiara07@192.168.43.134's password:
Welcome to Ubuntu 20.04.1 LTS (GNU/Linux 5.4.0-56-generic x86_64)

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

System information as of Tue 01 Dec 2020 12:59:21 PM UTC

System load:  0.47          Processes:    105
Usage of /:   43.9% of 8.79GB Users logged in: 1
Memory usage: 22%          IPv4 address for enp0s3: 192.168.43.134
Swap usage:   0%

126 updates can be installed immediately.
60 of these updates are security updates.
To see these additional updates run: apt list --upgradable

Last login: Tue Dec  1 12:53:26 2020
tiara07@tiara07:~$ _
```

```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Preparing to unpack .../net-tools_1.60+git20180626.aebd88e-1ubuntu1_amd64.deb ...
Unpacking net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Processing triggers for man-db (2.9.1-1) ...
tiara07@tiara07:~$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.43.134 netmask 255.255.255.0 broadcast 192.168.43.255
    inet6 fe80::a00:27ff:fe8:55a prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:f8:05:5a txqueuelen 1000 (Ethernet)
    RX packets 290 bytes 255915 (255.9 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 289 bytes 30999 (30.9 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 203 bytes 16263 (16.2 KB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 203 bytes 16263 (16.2 KB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

tiara07@tiara07:~$ sudo apt install openssh-server
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libwrap0 ncurses-term openssh-sftp-server ssh-import-id
Suggested packages:
  molly-guard monkeysphere ssh-askpass
The following NEW packages will be installed:
  libwrap0 ncurses-term openssh-server openssh-sftp-server ssh-import-id
0 upgraded, 5 newly installed, 0 to remove and 123 not upgraded.
Need to get 734 kB of archives.
After this operation, 6,121 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Creating config file /etc/ssh/sshd_config with new version
Created symlink /etc/systemd/system/ssh.service + /lib/systemd/system/ssh.service.
Created symlink /etc/systemd/system/multi-user.target.wants/ssh.service + /lib/systemd/system/ssh.service.
rescue-ssh.target is a disabled or a static unit, not starting it.
Processing triggers for ufw (0.36-6) ...
Processing triggers for systemd (245.4-4ubuntu3.2) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-0ubuntu9) ...
tiara07@tiara07:~$ ssh tiara07@192.168.43.134
The authenticity of host '192.168.43.134 (192.168.43.134)' can't be established.
ECDSA key fingerprint is SHA256:22N1ke8LBZn6zGyW02BXMy0uwivvPaX+r79E0r3wdXQ.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '192.168.43.134' (ECDSA) to the list of known hosts.
tiara07@192.168.43.134's password:
Welcome to Ubuntu 20.04.1 LTS (GNU/Linux 5.4.0-56-generic x86_64)

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Swap usage:   0%

126 updates can be installed immediately.
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To see these additional updates run: apt list --upgradable

Last login: Tue Dec  1 12:53:26 2020
tiara07@tiara07:~$ _
```

```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Enabling module setenvif.
Enabling module filter.
Enabling module deflate.
Enabling module status.
Enabling module reqtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-vhosts-access-log.
Enabling conf security.
Enabling conf serve-cgi-bin.
Enabling site 000-default.
Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /lib/systemd/system/apache-htcacheclean.service.
Processing triggers for ufw (0.36-6) ...
Processing triggers for systemd (245.4-4ubuntu3.2) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-0ubuntu9) ...
tiara07@tiara07:~$ sudo systemctl start apache2
tiara07@tiara07:~$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
   Active: active (running) since Tue 2020-12-01 13:02:48 UTC; 1min 6s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 3883 (apache2)
    Tasks: 55 (limit: 1074)
   Memory: 5.1M
   CGroup: /system.slice/apache2.service
           └─3883 /usr/sbin/apache2 -k start
             └─3885 /usr/sbin/apache2 -k start
               └─3886 /usr/sbin/apache2 -k start

Dec 01 13:02:48 tiara07 systemd[1]: Starting The Apache HTTP Server...
Dec 01 13:02:48 tiara07 apache2[3872]: AH00558: apache2: Could not reliably determine the server's
Dec 01 13:02:48 tiara07 systemd[1]: Started The Apache HTTP Server.
lines 1-15/15 (END)
```

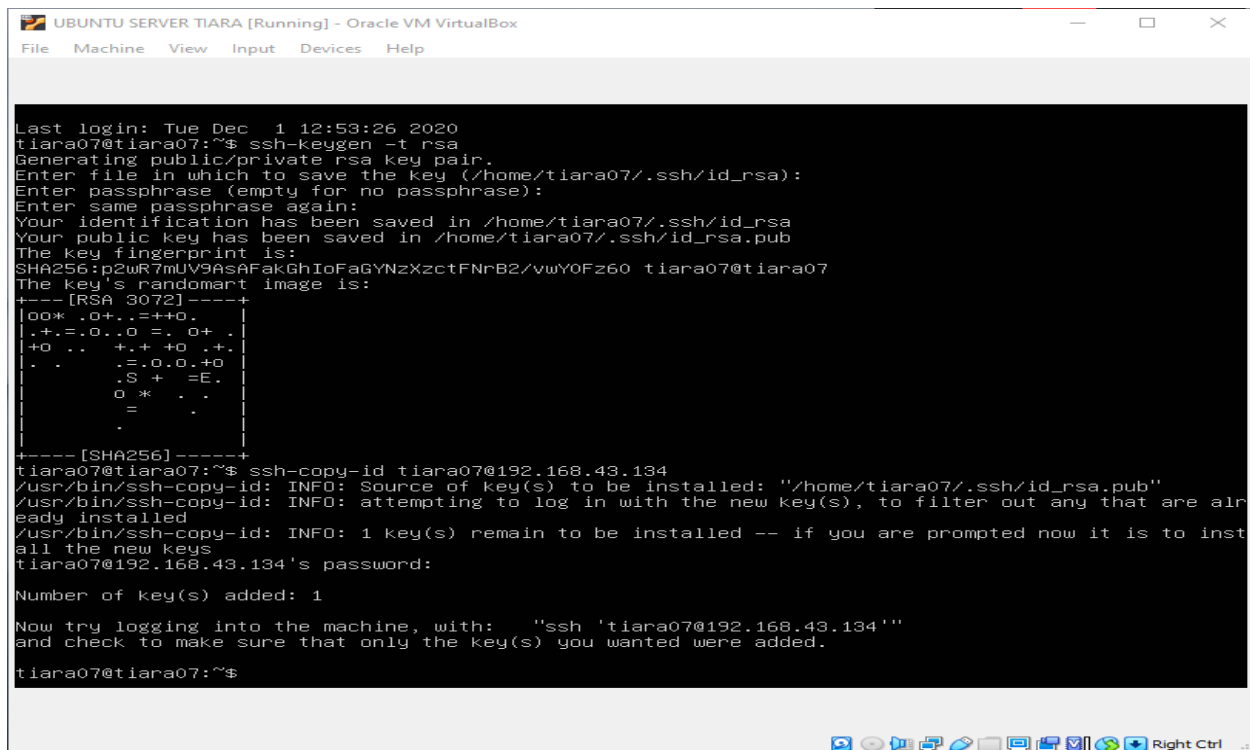
```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Swap usage: 0%

126 updates can be installed immediately.
60 of these updates are security updates.
To see these additional updates run: apt list --upgradable

Last login: Tue Dec 1 12:53:26 2020
tiara07@tiara07:~$ ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (/home/tiara07/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/tiara07/.ssh/id_rsa
Your public key has been saved in /home/tiara07/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:p2wR7mUV9AsAFakGhIoFaGYNzXzctFNrB2/vwY0Fz60 tiara07@tiara07
The key's randomart image is:
+---[RSA 3072]-----+
|00*.0+..==+0.      |
|..+.=0..0 =. 0+ .  |
|+0 ..  +. +0 +0.   |
|. .    .=.0.0.+0   |
|.      .S +  =E.    |
|      0 *  .        |
|      =             |
|      .             |
+---[SHA256]-----+
tiara07@tiara07:~$ ssh-copy-id tiara07@192.168.43.134
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/tiara07/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install all the new keys
tiara07@192.168.43.134's password: _
```

- Klik enter, masukan pass, klik enter



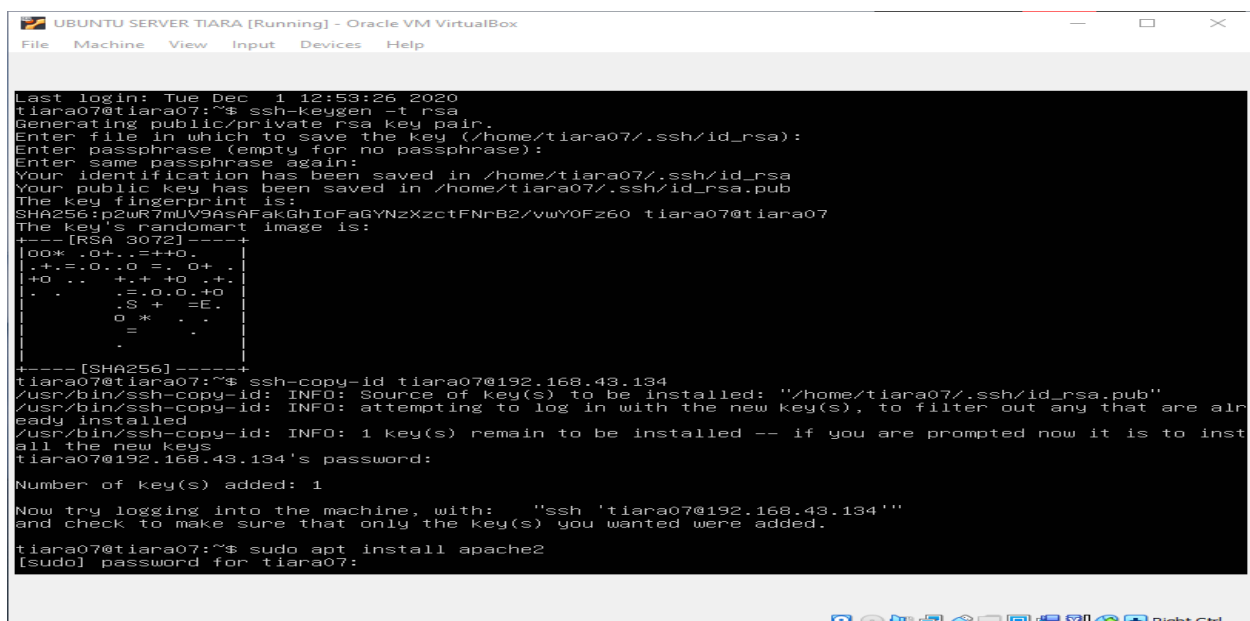
```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Last login: Tue Dec 1 12:53:26 2020
tiara07@tiara07:~$ ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (/home/tiara07/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/tiara07/.ssh/id_rsa
Your public key has been saved in /home/tiara07/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:p2wR7mUV9AsAFakGhIoFaGYNzXzctFNrB2/vwY0Fz60 tiara07@tiara07
The key's randomart image is:
+---[RSA 3072]-----+
|oo*.o+..=++o.|
|.+=.o..o=.o+|.
|+o..+.+ +o +.|.
|. .|.o.o.+o|.
|.S + =E|.
|o * .|.
|=|.
|_|
+---[SHA256]-----+
tiara07@tiara07:~$ ssh-copy-id tiara07@192.168.43.134
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/tiara07/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are alr
eady installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to inst
all the new keys
tiara07@192.168.43.134's password:
Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'tiara07@192.168.43.134'"
and check to make sure that only the key(s) you wanted were added.

tiara07@tiara07:~$
```

- Kemudian ketik "sudo apt install apache2" enter kemudian masukan pass dan enter lagi



```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Last login: Tue Dec 1 12:53:26 2020
tiara07@tiara07:~$ ssh-keygen -t rsa
Generating public/private rsa key pair.
Enter file in which to save the key (/home/tiara07/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/tiara07/.ssh/id_rsa
Your public key has been saved in /home/tiara07/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:p2wR7mUV9AsAFakGhIoFaGYNzXzctFNrB2/vwY0Fz60 tiara07@tiara07
The key's randomart image is:
+---[RSA 3072]-----+
|oo*.o+..=++o.|
|.+=.o..o=.o+|.
|+o..+.+ +o +.|.
|. .|.o.o.+o|.
|.S + =E|.
|o * .|.
|=|.
|_|
+---[SHA256]-----+
tiara07@tiara07:~$ ssh-copy-id tiara07@192.168.43.134
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/tiara07/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are alr
eady installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to inst
all the new keys
tiara07@192.168.43.134's password:
Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'tiara07@192.168.43.134'"
and check to make sure that only the key(s) you wanted were added.

tiara07@tiara07:~$ sudo apt install apache2
[sudo] password for tiara07:
```

```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

. . . . .
. S + =E.
. O * . .
. =
.

+-----[SHA256]-----+
tiara07@tiara07:~$ ssh-copy-id tiara07@192.168.43.134
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/tiara07/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed
/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install all the new keys
tiara07@192.168.43.134's password:
Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'tiara07@192.168.43.134'"
and check to make sure that only the key(s) you wanted were added.

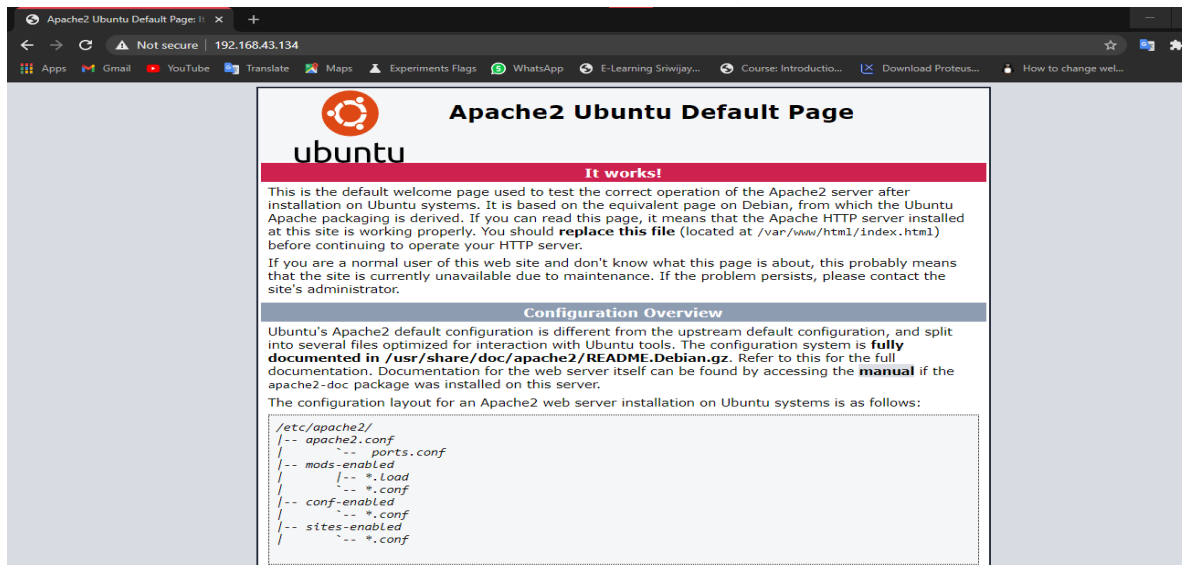
tiara07@tiara07:~$ sudo apt install apache2
[sudo] password for tiara07:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1 libaprutil1 libaprutil1-dbd-sqlite3
  libaprutil1-ldap libjansson4 liblua5.2-0 ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser openssl-blacklist
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1 libaprutil1 libaprutil1-dbd-sqlite3
  libaprutil1-ldap libjansson4 liblua5.2-0 ssl-cert
0 upgraded, 11 newly installed, 0 to remove and 123 not upgraded.
Need to get 1,865 kB of archives.
After this operation, 8,080 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
```

```
UBUNTU SERVER TIARA [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

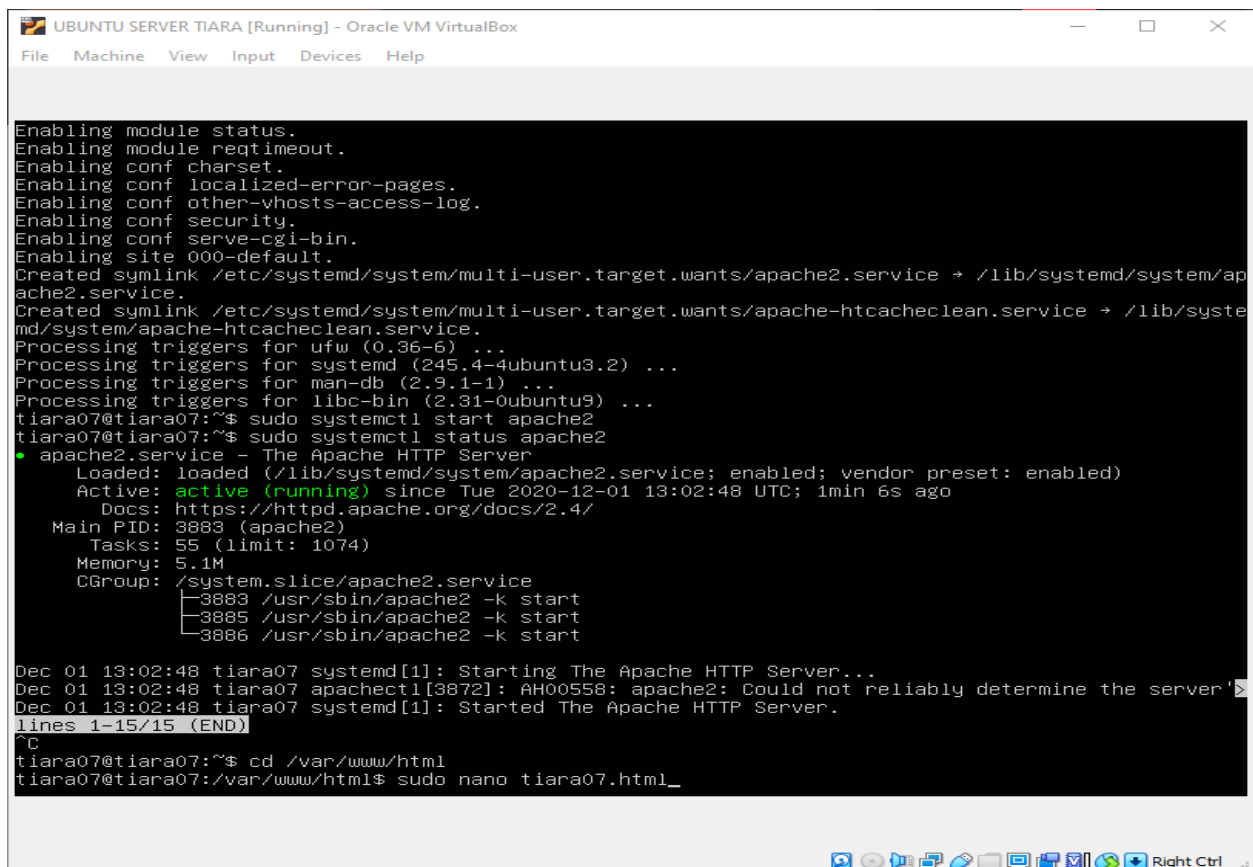
Enabling module setenvif.
Enabling module filter.
Enabling module deflate.
Enabling module status.
Enabling module reqtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-vhosts-access-log.
Enabling conf security.
Enabling conf serve-cgi-bin.
Enabling site 000-default.
Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /lib/systemd/system/apache-htcacheclean.service.
Processing triggers for ufw (0.36-6) ...
Processing triggers for systemd (245.4-4ubuntu3.2) ...
Processing triggers for man-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-0ubuntu9) ...
tiara07@tiara07:~$ sudo systemctl start apache2
tiara07@tiara07:~$ sudo systemctl status apache2
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
   Active: active (running) since Tue 2020-12-01 13:02:48 UTC; 1min 6s ago
     Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 3883 (apache2)
     Tasks: 55 (limit: 1074)
    Memory: 5.1M
    CGroup: /system.slice/apache2.service
            └─3883 /usr/sbin/apache2 -k start
              └─3885 /usr/sbin/apache2 -k start
                └─3886 /usr/sbin/apache2 -k start

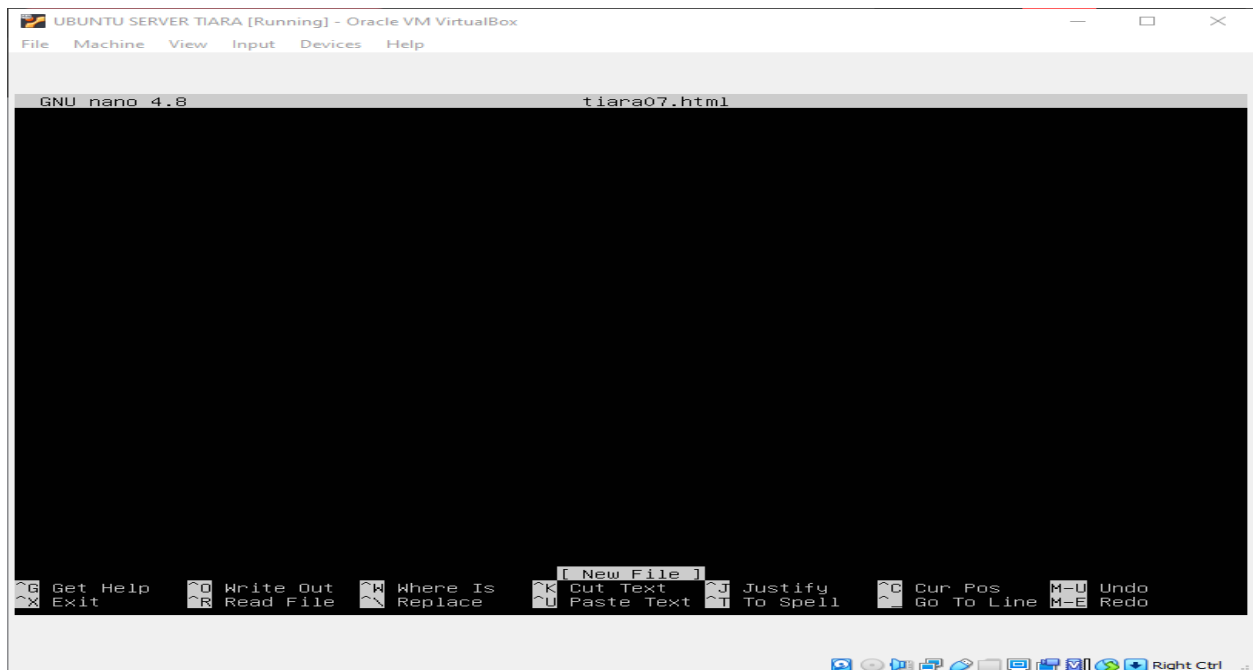
Dec 01 13:02:48 tiara07 systemd[1]: Starting The Apache HTTP Server...
Dec 01 13:02:48 tiara07 apache2[3872]: AH00558: apache2: Could not reliably determine the server's
Dec 01 13:02:48 tiara07 systemd[1]: Started The Apache HTTP Server.
lines 1-15/15 (END)
```



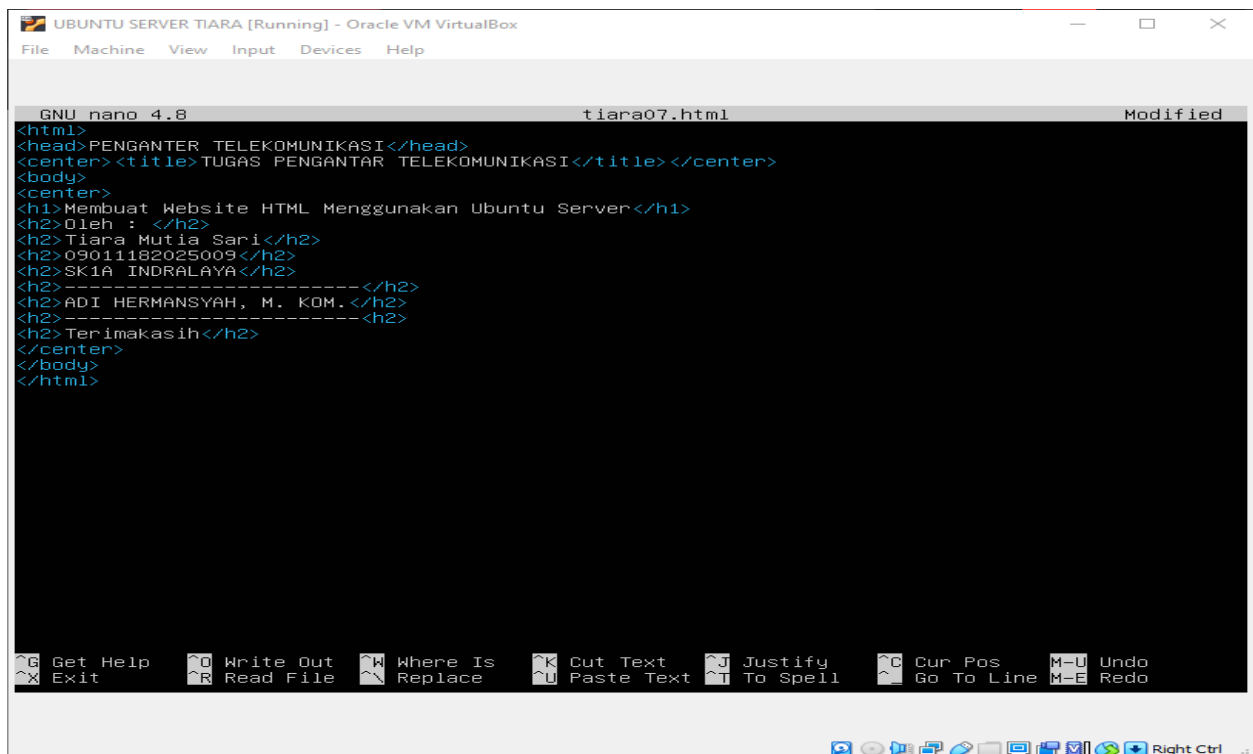


- Kita buka lagi halaman Ubuntu kita isi login yang paling bawah " `cd /var/www/html`" kemudian enter, klik " `/var/www/html$ sudo nano tiara07.html` ",kemudian enter.

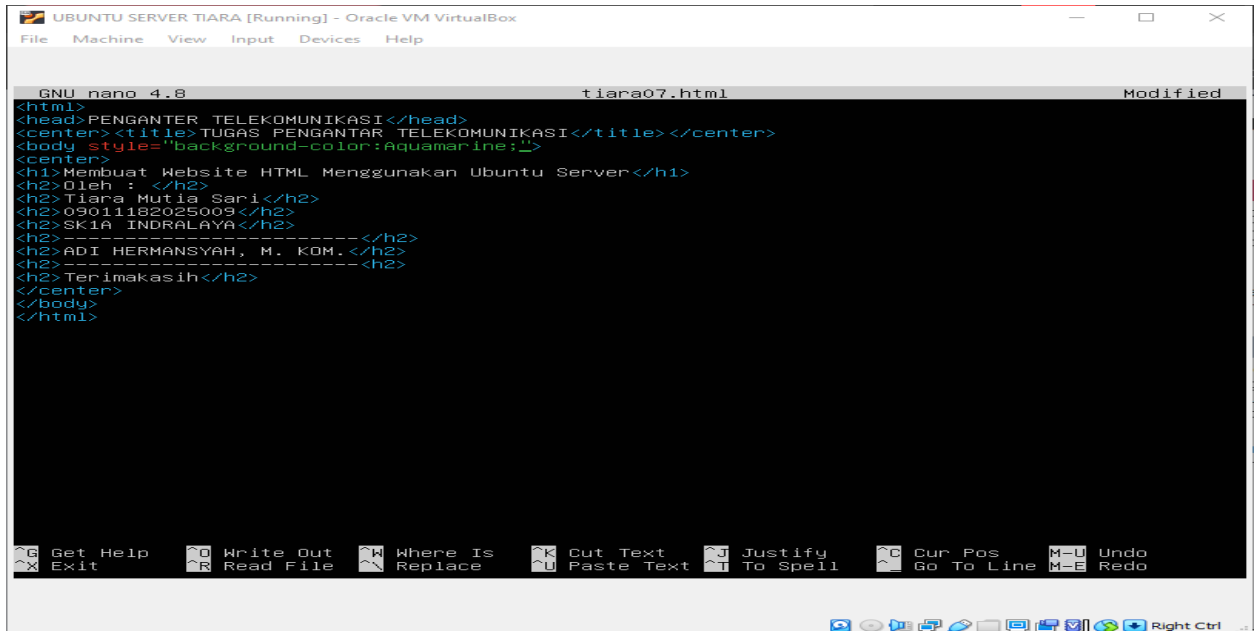




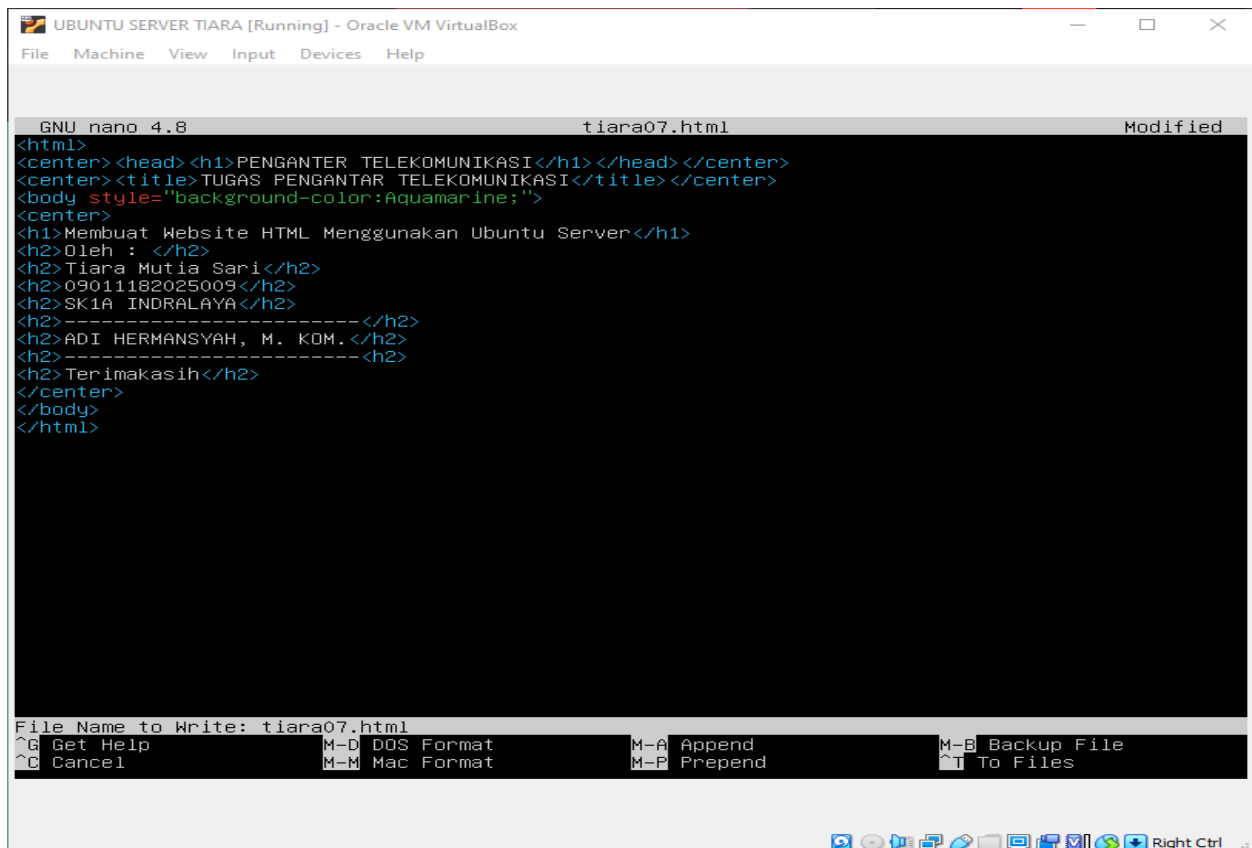
- Kemudian disini kita ketik apa saja yang akan ditampilkan pada halaman HTML.



- Kita juga bisa mengedit warna background, disini saya ya menggunakan warna hijau dengan mengetik "background-color :Aquamarine:\_">



```
GNU nano 4.8 tiara07.html Modified
<html>
<head>PENGANTER TELEKOMUNIKASI</head>
<center><title>TUGAS PENGANTAR TELEKOMUNIKASI</title></center>
<body style="background-color:Aquamarine;">
<center>
<h1>Membuat Website HTML Menggunakan Ubuntu Server</h1>
<h2>Oleh : </h2>
<h2>Tiara Mutia Sari</h2>
<h2>09011182025009</h2>
<h2>SK1A INDRALAYA</h2>
<h2>-----</h2>
<h2>ADI HERMANSYAH, M. KOM.</h2>
<h2>-----</h2>
<h2>Terimakasih</h2>
</center>
</body>
</html>
```



```
GNU nano 4.8 tiara07.html Modified
<html>
<center><head><h1>PENGANTER TELEKOMUNIKASI</h1></head></center>
<center><title>TUGAS PENGANTAR TELEKOMUNIKASI</title></center>
<body style="background-color:Aquamarine;">
<center>
<h1>Membuat Website HTML Menggunakan Ubuntu Server</h1>
<h2>Oleh : </h2>
<h2>Tiara Mutia Sari</h2>
<h2>09011182025009</h2>
<h2>SK1A INDRALAYA</h2>
<h2>-----</h2>
<h2>ADI HERMANSYAH, M. KOM.</h2>
<h2>-----</h2>
<h2>Terimakasih</h2>
</center>
</body>
</html>
```

File Name to Write: tiara07.html

^G Get Help	M-D DOS Format	M-A Append	M-B Backup File
^C Cancel	M-M Mac Format	M-P Prepend	^T To Files

- Kemudian kita buka website nya di google

