



UNTAR
Universitas Tarumanagara



Instalasi Oracle 8.8 pada VirtualBox

Praktikum Oracle Database Administrator

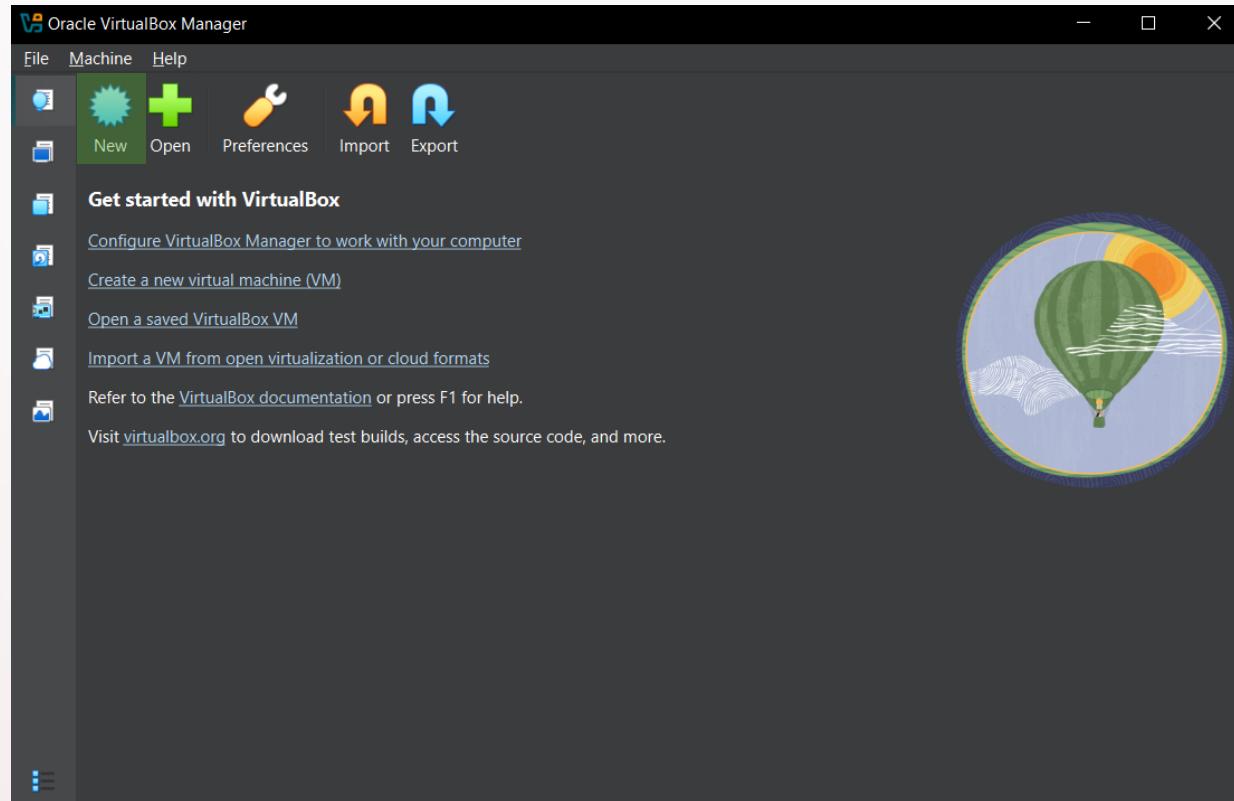
Download ISO Oracle 8.8

<https://yum.oracle.com/oracle-linux-isos.html>

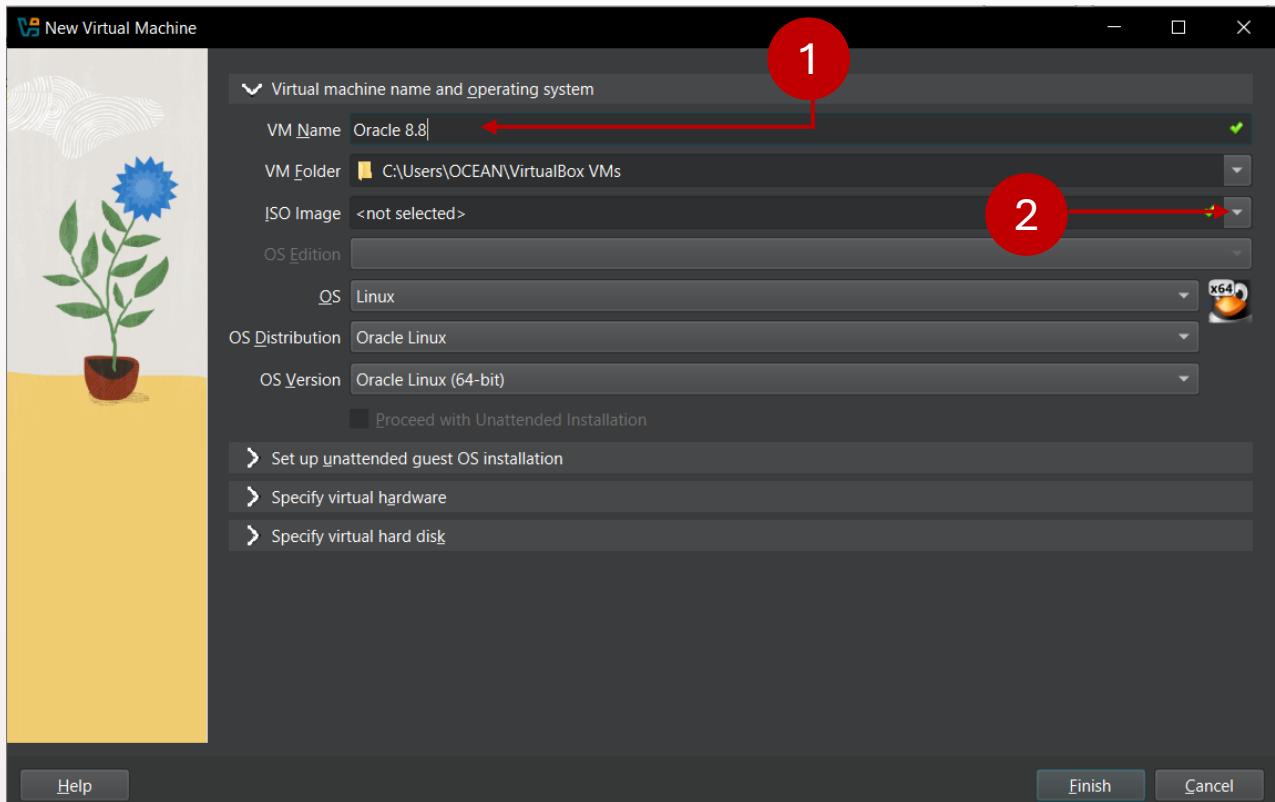
Oracle Linux ISO images available to download for x86_64			
Release	Full ISO	Boot ISO's	Source ISO
10.0	OracleLinux-R10-U0-x86_64-dvd.iso	Boot: OracleLinux-R10-U0-x86_64-boot.iso UEK: OracleLinux-R10-U0-x86_64-boot-uek.iso	OracleLinux-R10-U0-src-dvd.iso
9.6	OracleLinux-R9-U6-x86_64-dvd.iso	Boot: OracleLinux-R9-U6-x86_64-boot.iso UEK: OracleLinux-R9-U6-x86_64-boot-uek.iso	OracleLinux-R9-U6-src-dvd.iso
9.5	OracleLinux-R9-U5-x86_64-dvd.iso	Boot: OracleLinux-R9-U5-x86_64-boot.iso UEK: OracleLinux-R9-U5-x86_64-boot-uek.iso	OracleLinux-R9-U5-src-dvd.iso
9.4	OracleLinux-R9-U4-x86_64-dvd.iso	Boot: OracleLinux-R9-U4-x86_64-boot.iso UEK: OracleLinux-R9-U4-x86_64-boot-uek.iso	OracleLinux-R9-U4-src-dvd.iso
8.10	OracleLinux-R8-U10-x86_64-dvd.iso	Boot: OracleLinux-R8-U10-x86_64-boot.iso UEK: OracleLinux-R8-U10-x86_64-boot-uek.iso	OracleLinux-R8-U10-src-dvd.iso
8.9	OracleLinux-R8-U9-x86_64-dvd.iso	Boot: OracleLinux-R8-U9-x86_64-boot.iso UEK: OracleLinux-R8-U9-x86_64-boot-uek.iso	OracleLinux-R8-U9-src-dvd.iso
8.8	OracleLinux-R8-U8-x86_64-dvd.iso	Boot: OracleLinux-R8-U8-x86_64-boot.iso UEK: OracleLinux-R8-U8-x86_64-boot-uek.iso	OracleLinux-R8-U8-src-dvd.iso
7.9	OracleLinux-R7-U9-Server-x86_64-dvd.iso	Boot: OracleLinux-R7-U9-Server-x86_64-boot.iso UEK: OracleLinux-R7-U9-Server-x86_64-boot-uek.iso	OracleLinux-R7-U9-src-dvd1.iso OracleLinux-R7-U9-src-dvd2.iso
7.8	OracleLinux-R7-U8-Server-x86_64-dvd.iso	Boot: OracleLinux-R7-U8-Server-x86_64-boot.iso UEK: OracleLinux-R7-U8-Server-x86_64-boot-uek.iso	OracleLinux-R7-U8-src-dvd1.iso OracleLinux-R7-U8-src-dvd2.iso
7.7	OracleLinux-R7-U7-Server-x86_64-dvd.iso	Boot: OracleLinux-R7-U7-Server-x86_64-boot.iso UEK: OracleLinux-R7-U7-Server-x86_64-boot-uek.iso	OracleLinux-R7-U7-src-dvd1.iso OracleLinux-R7-U7-src-dvd2.iso
6.10	OracleLinux-R6-U10-Server-x86_64-dvd.iso	Boot: OracleLinux-R6-U10-Server-x86_64-boot.iso UEK: OracleLinux-R6-U10-Server-x86_64-boot-uek.iso	OracleLinux-R6-U10-src-dvd1.iso OracleLinux-R6-U10-src-dvd2.iso

: pilih yang Full ISO dengan versi 8.8 x84_64. Namun, jika Anda menggunakan MacOS, silakan unduh versi ARM.

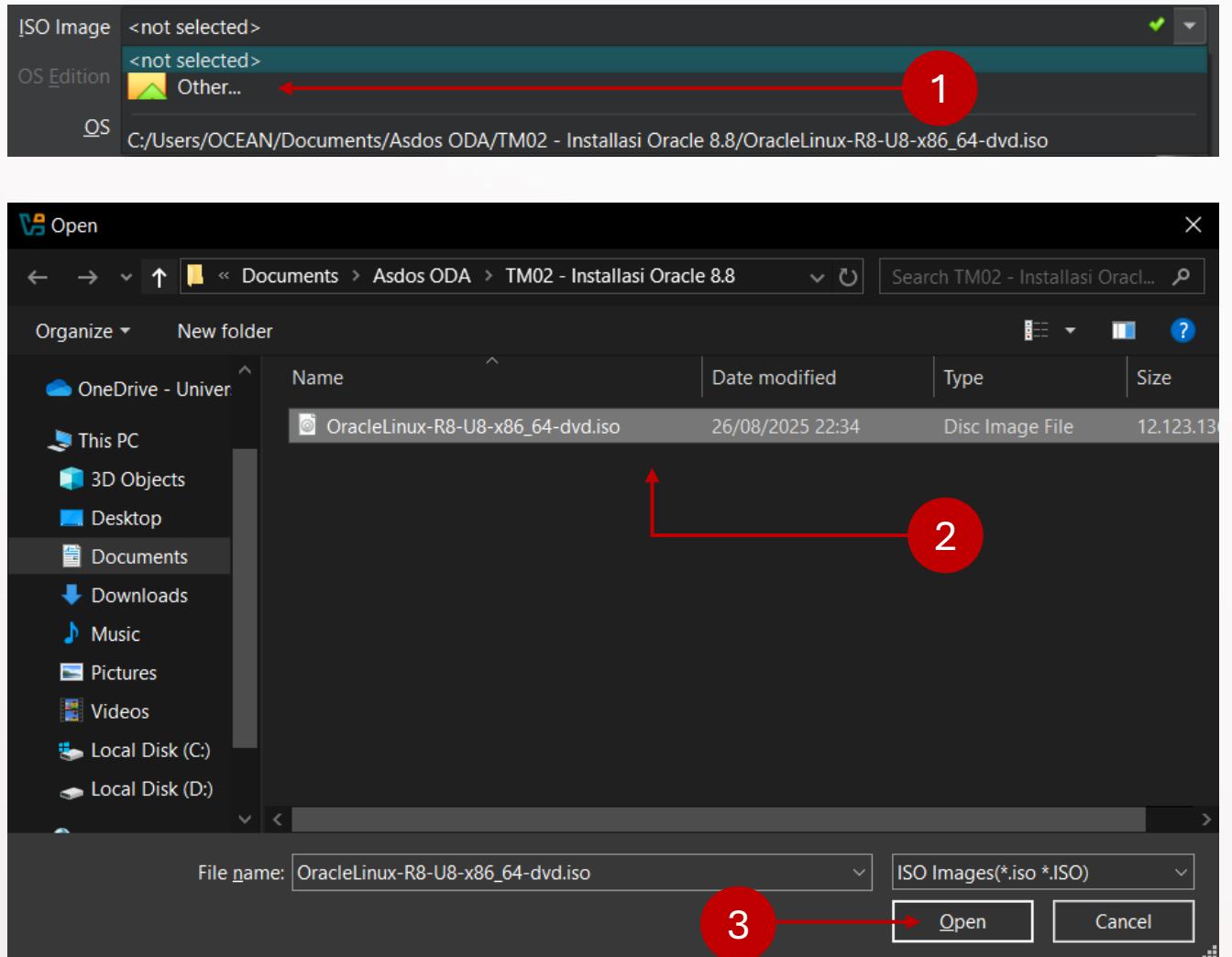
1. Buka Oracle VirtualBox dan **Klik New**



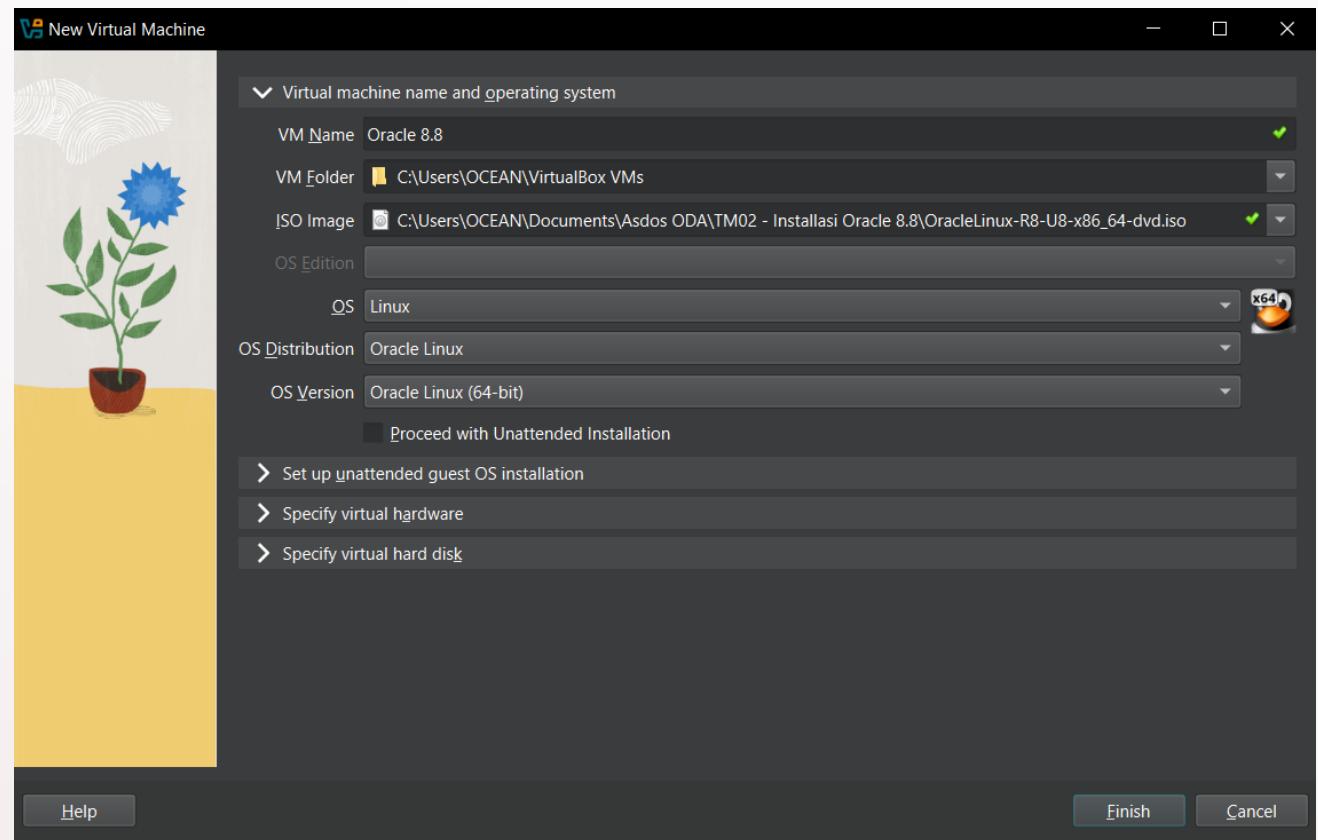
2.
Beri nama Virtual
Machine dengan
Oracle 8.8,
setelah itu klik
panah di bagian
ISO Image



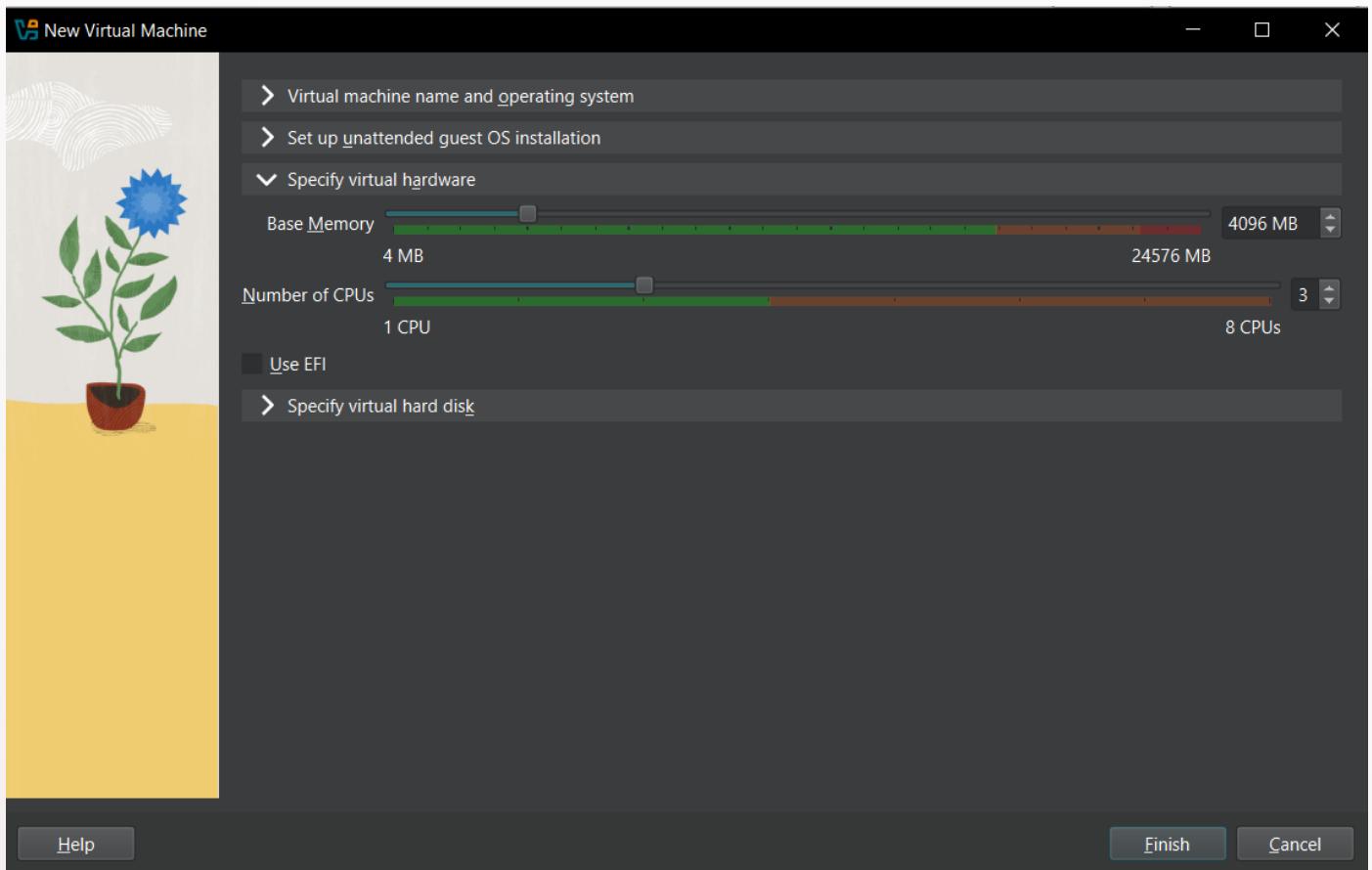
3.
Pilih **Other**, lalu
masukkan file
ISO sesuai
dengan direktori
masing-masing



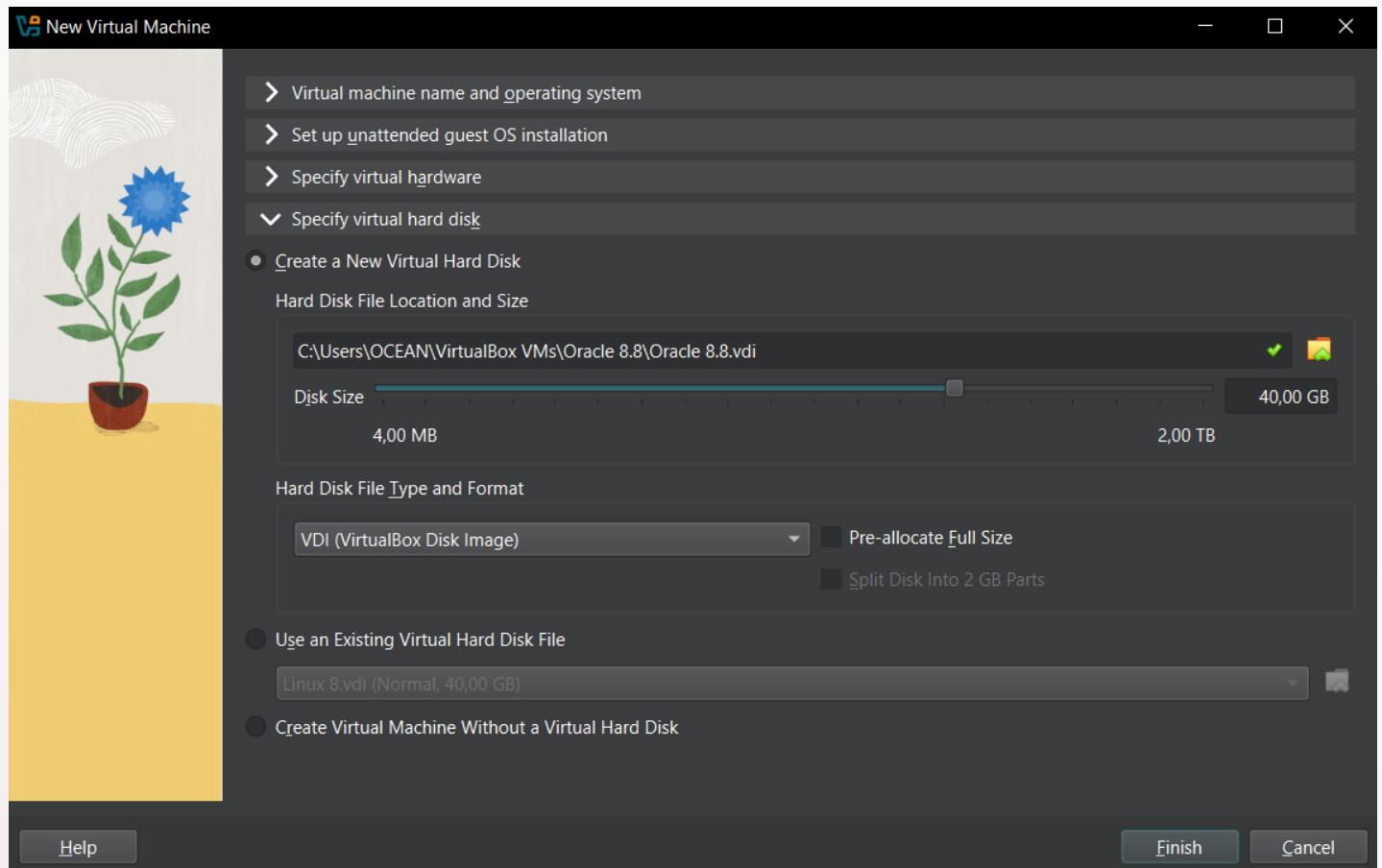
4.
Maka tampilannya
akan seperti ini,
setelah itu pilih
**Specify virtual
hardware**



5. Setup virtual hardware, disarankan untuk menyesuaikan dengan device masing-masing

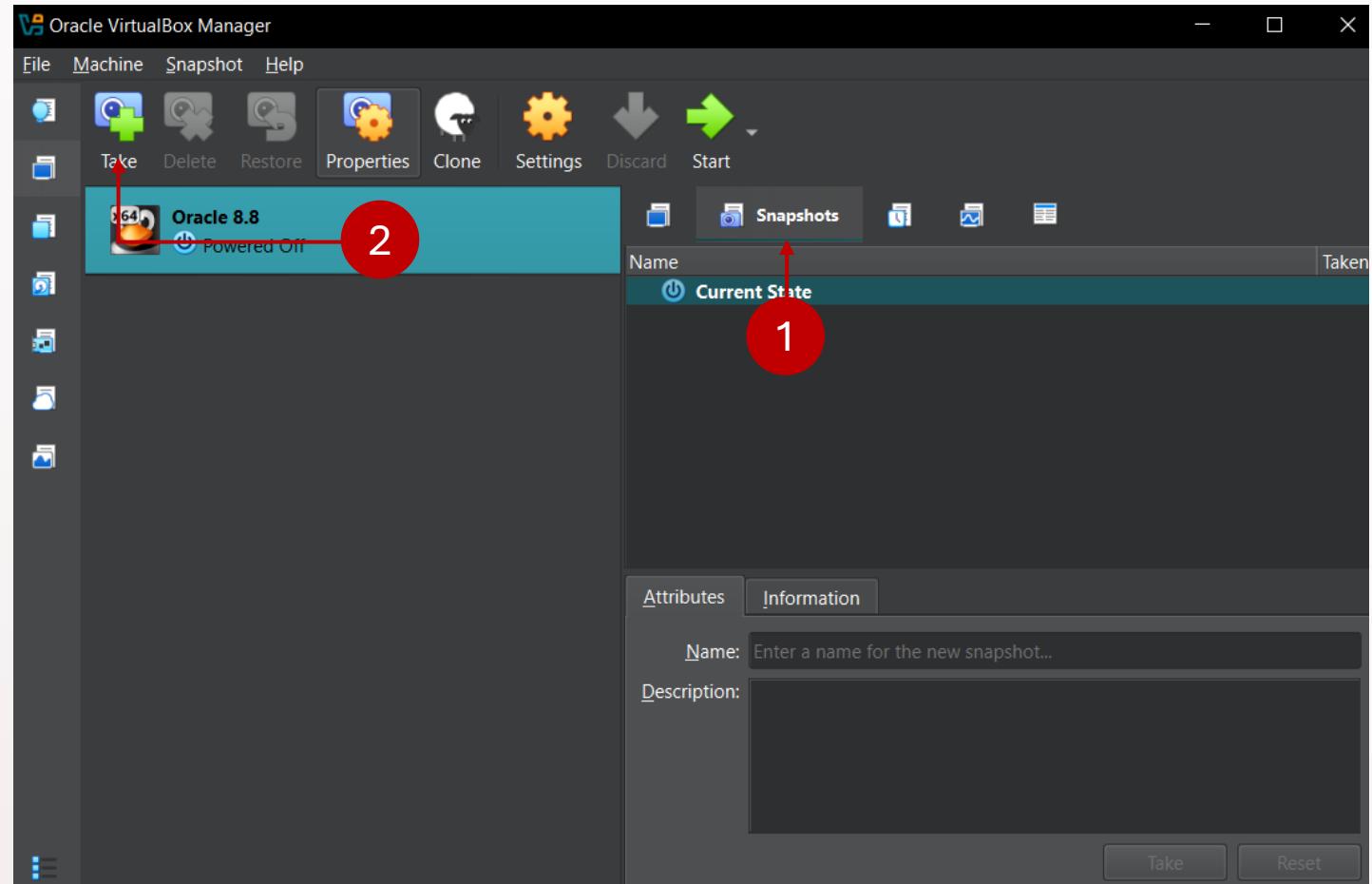


6. Alokasikan penyimpanan sebesar 40GB, lalu pilih finish

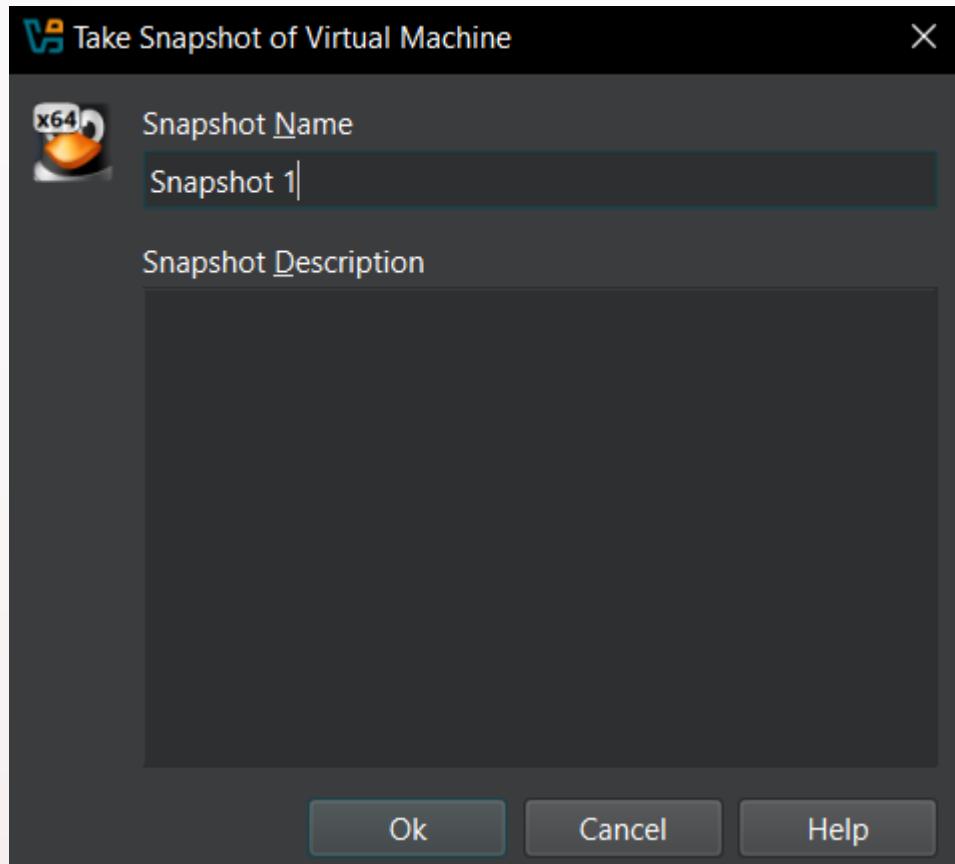


7.
Jangan lupa untuk
membuat
Sapshots, untuk
menyimpan state

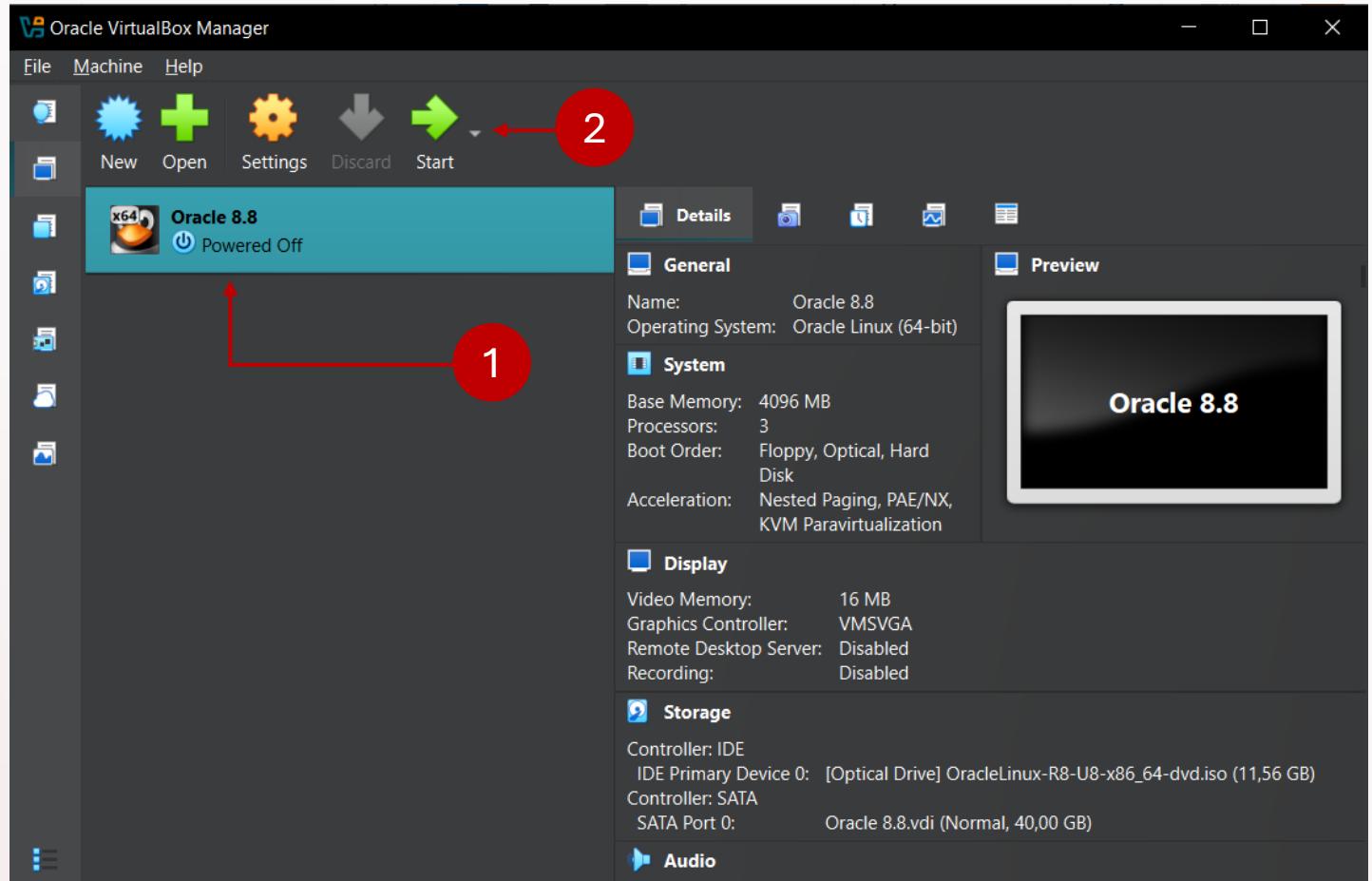
Kalau main game,
snapshot itu
ibarat check point



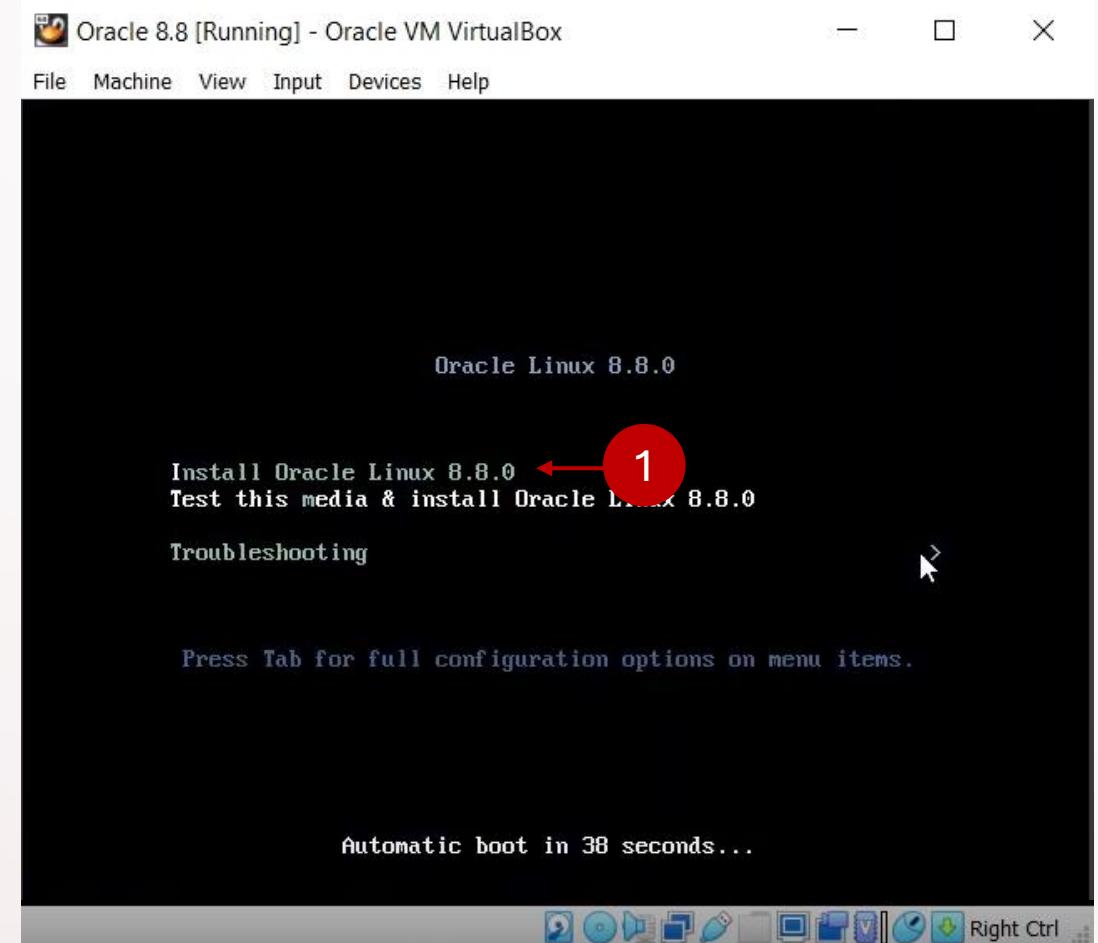
8.
Berikan nama
sesuai kondisi
state terakhir, lalu
klik Ok



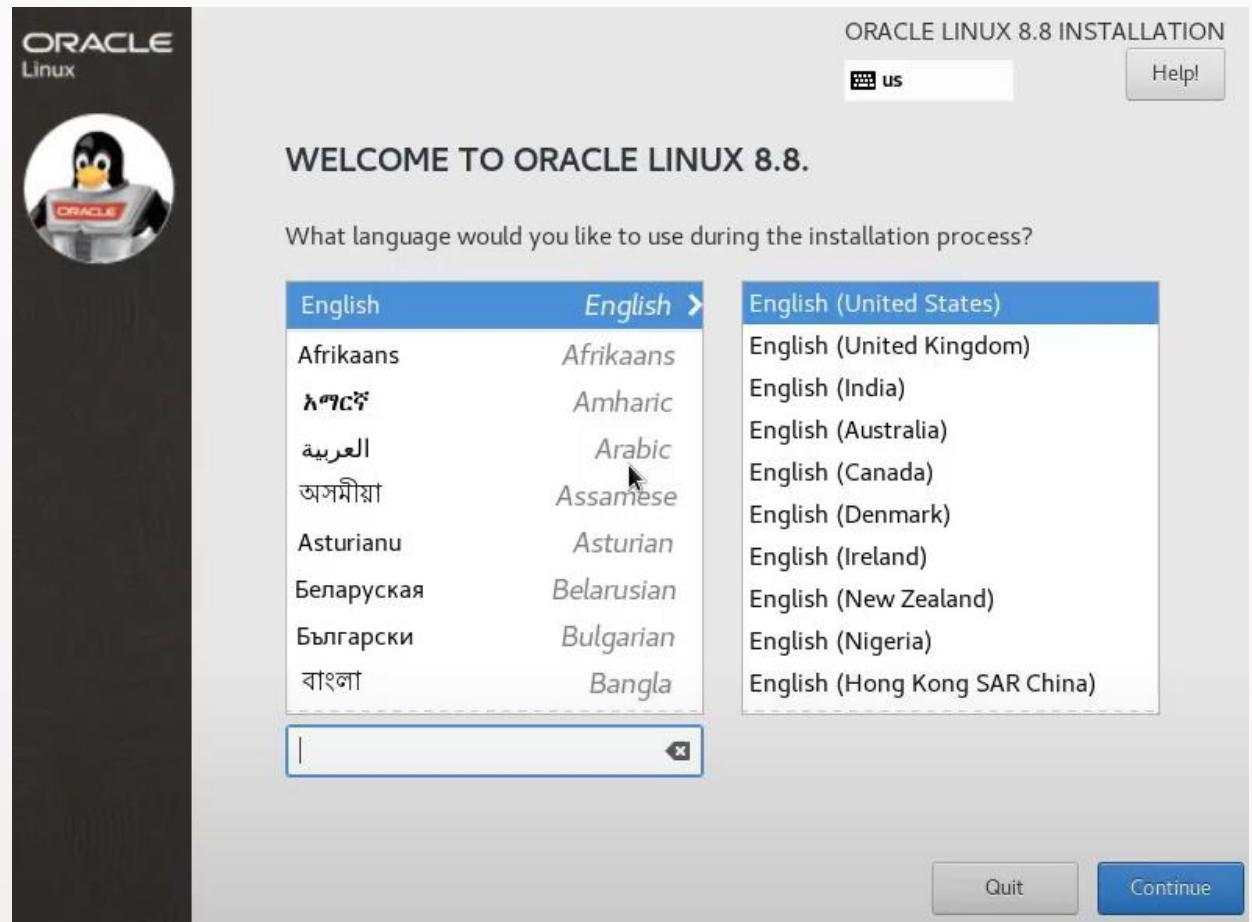
9.
Setelah itu pilih
Oracle 8.8, Lalu
klik Start



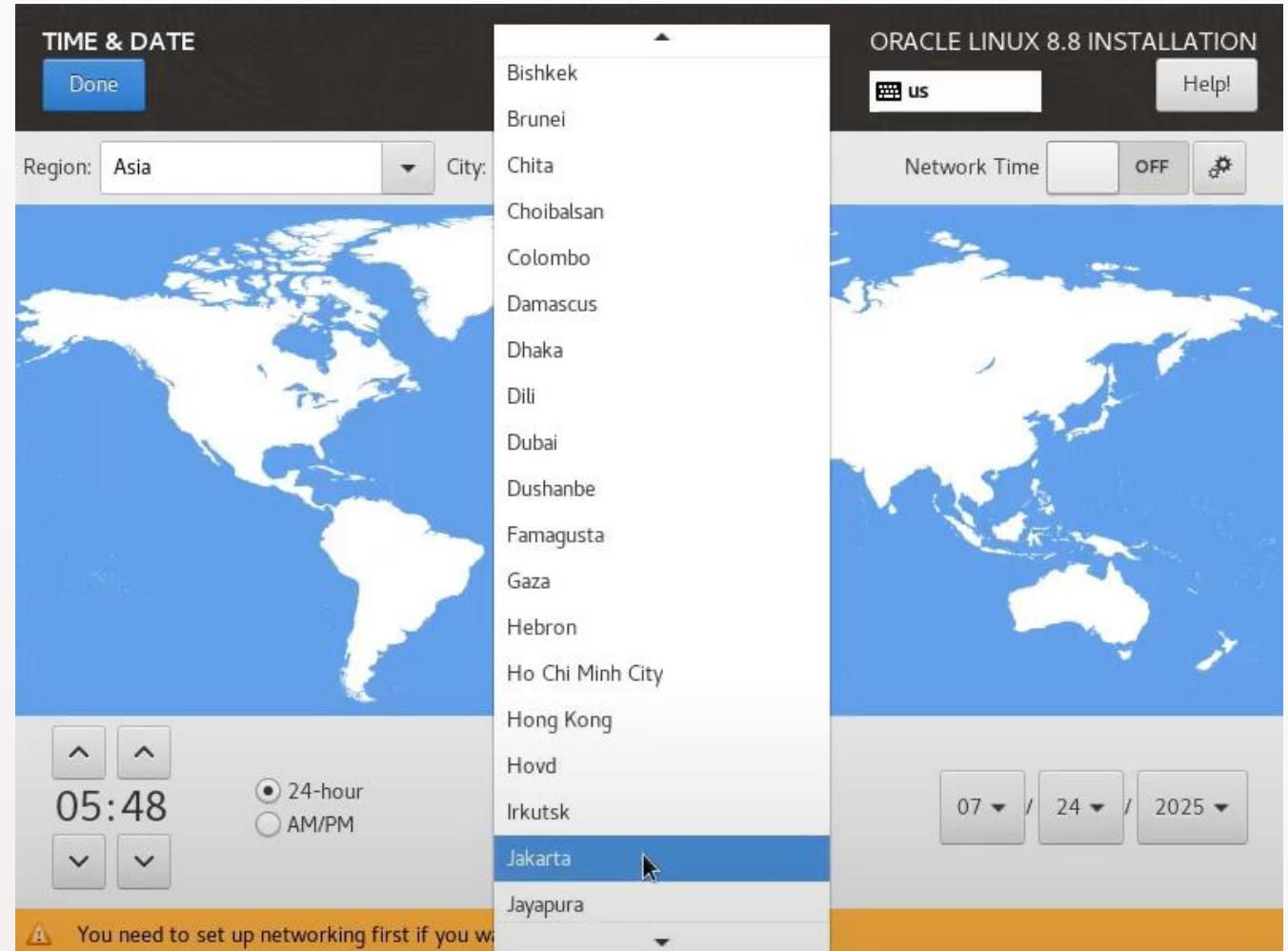
10. Pilih Install Oracle Linux 8.8.0



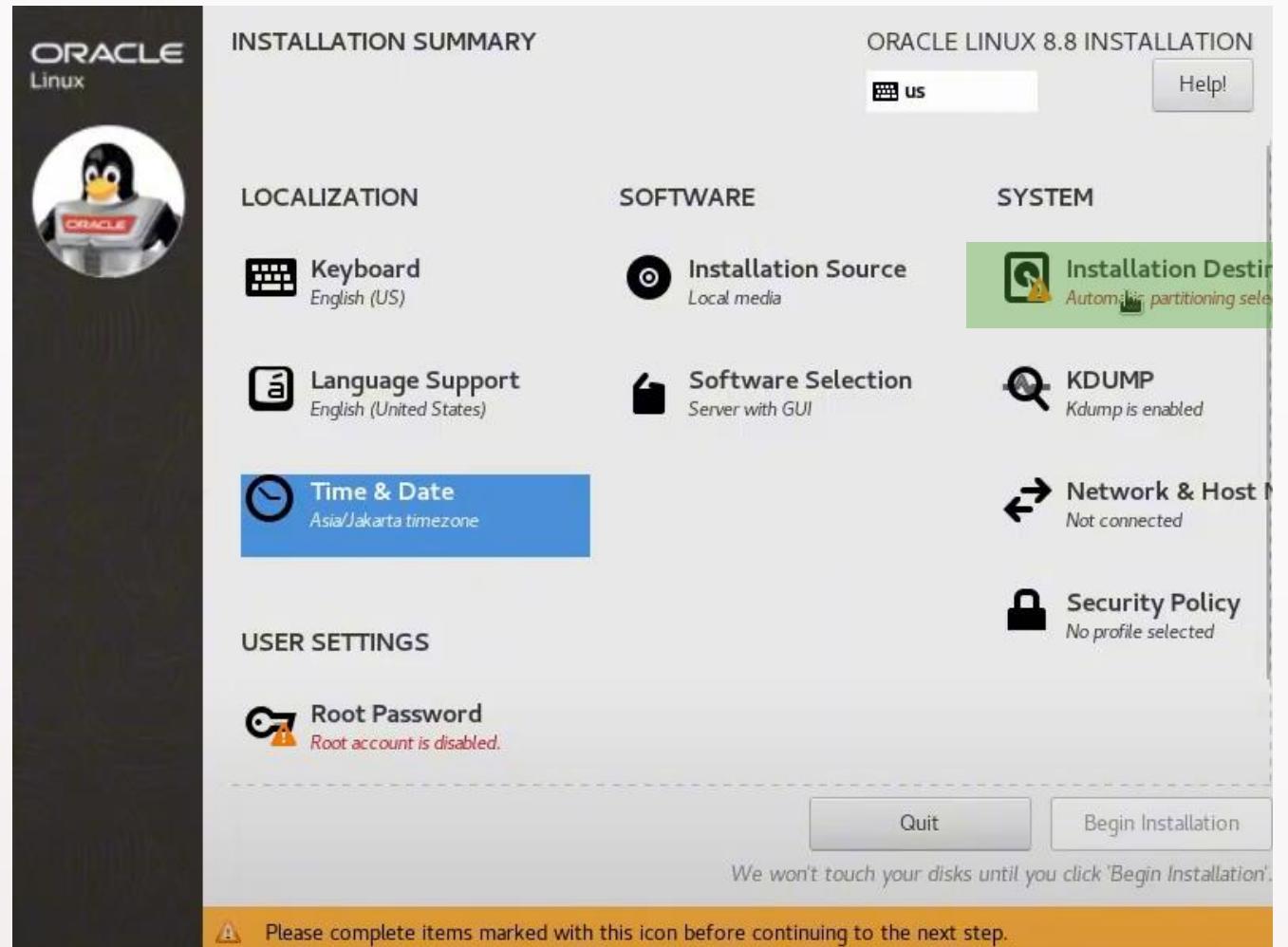
11. Pilih Bahasa Inggris



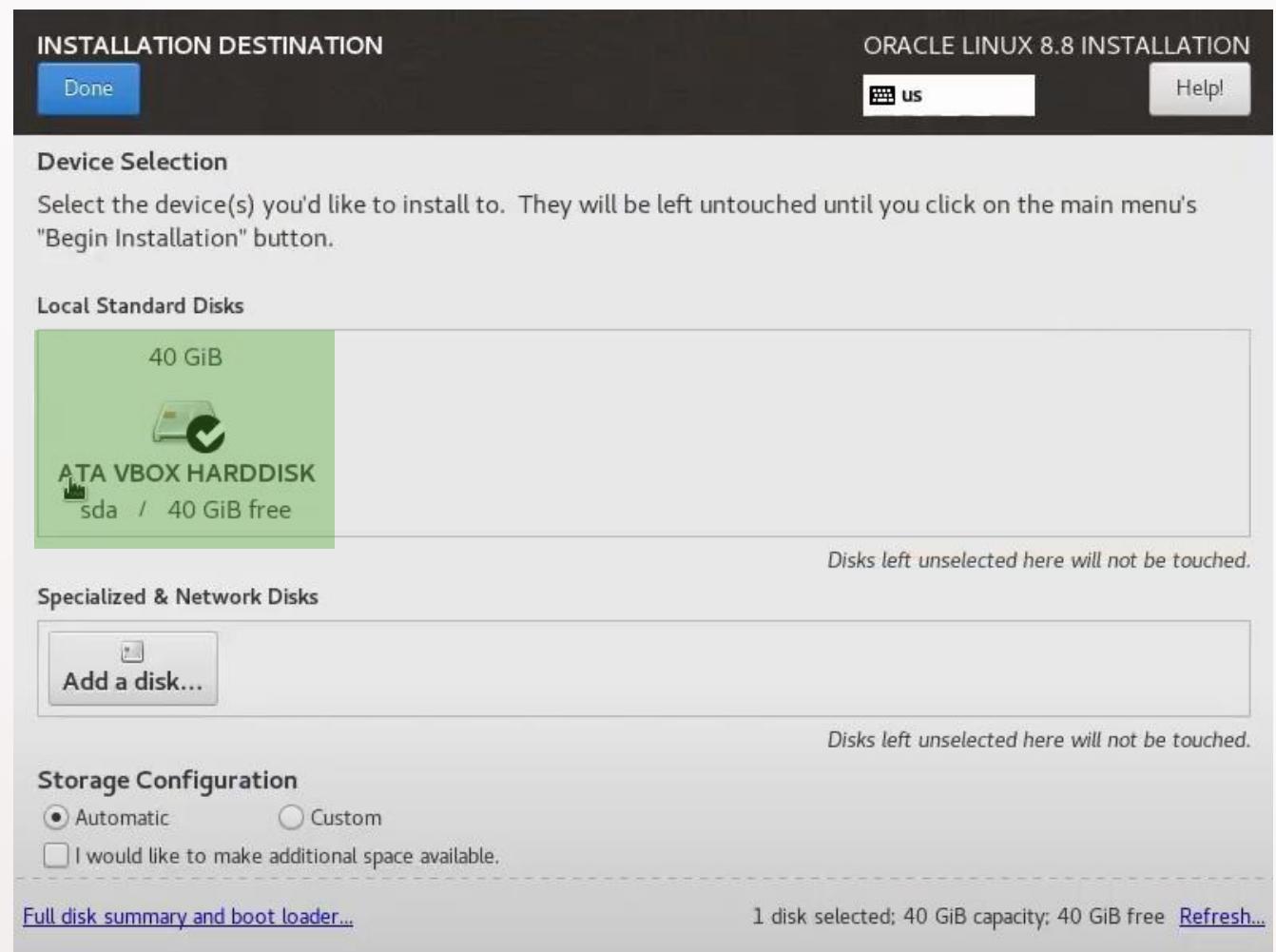
12. Menentukan Time & Date



13. Setelah itu pilih Installation Destination

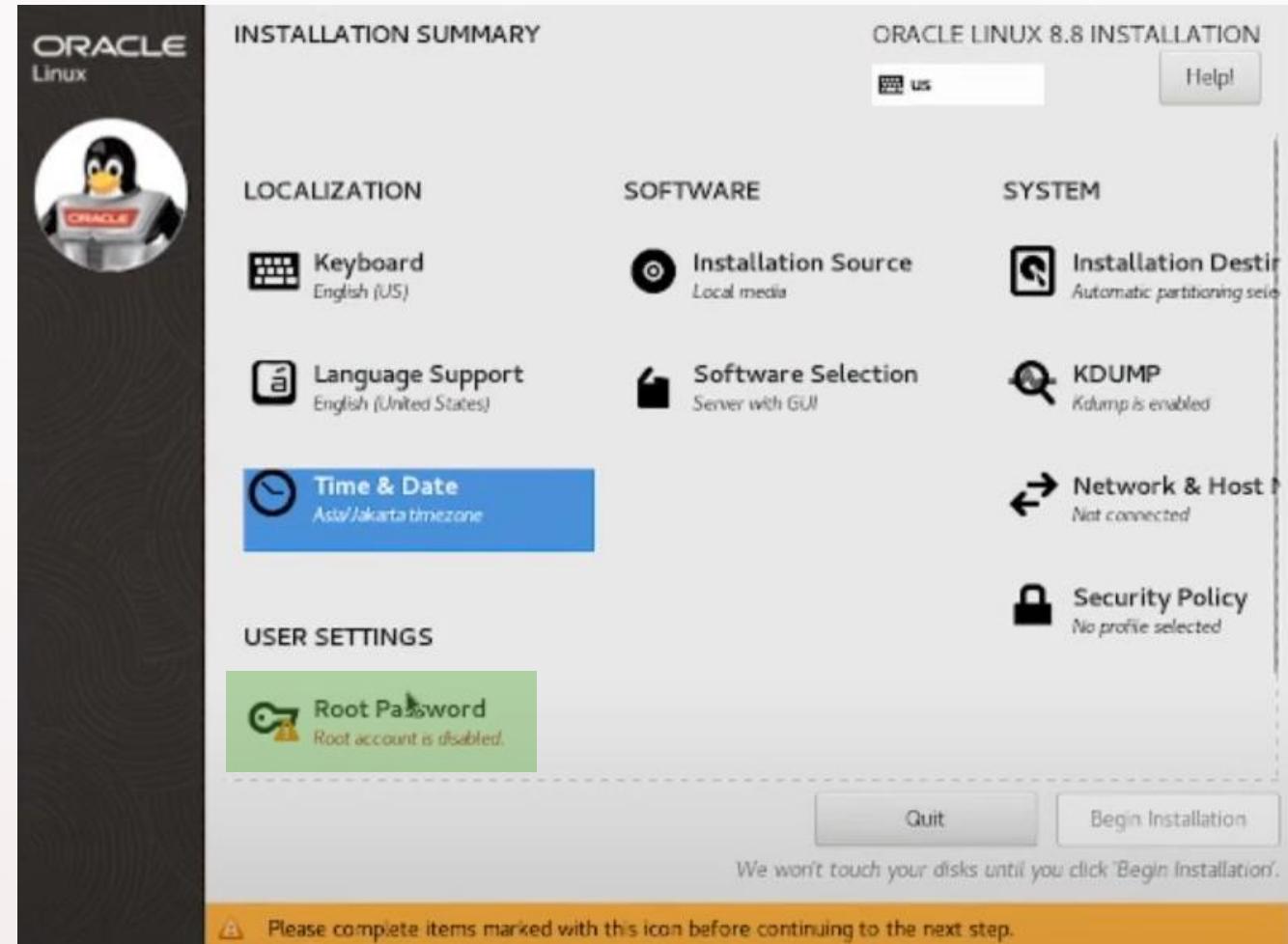


14. Pastikan ATA VBOX HARDDISK telah terpilih, lalu klik Done

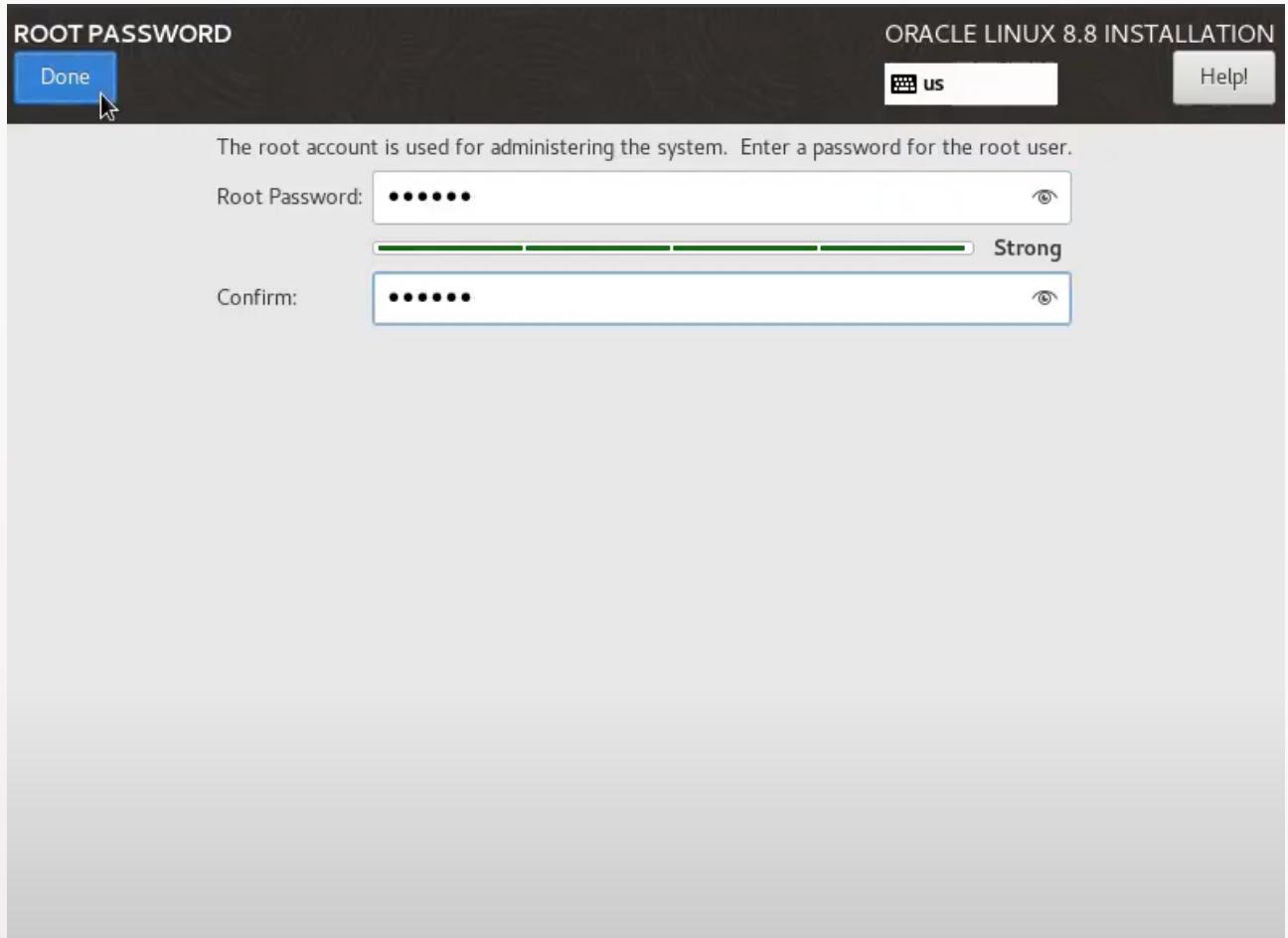


15. Klik Root Password di section User Settings

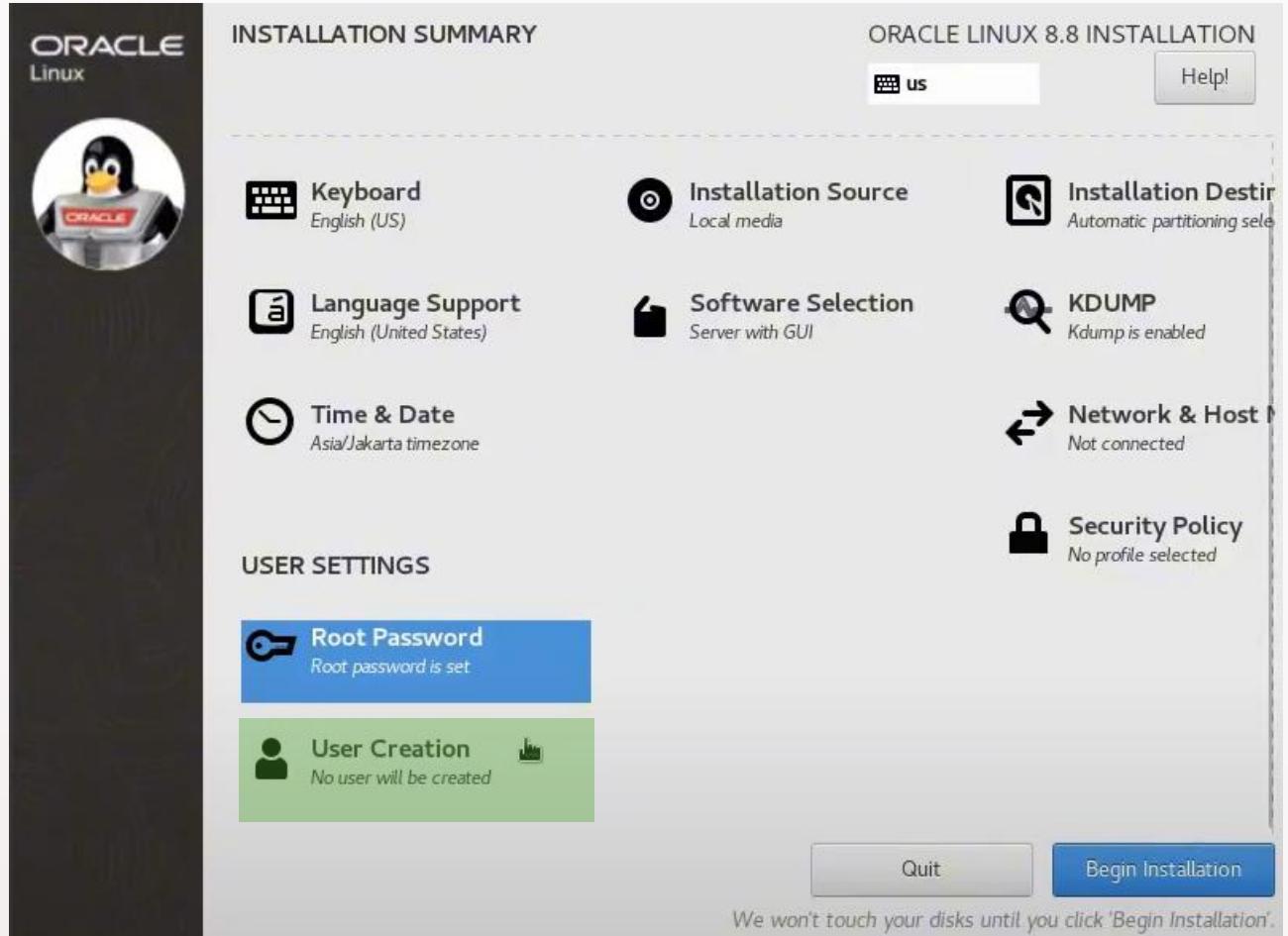
Direkomendasikan
agar password =
oracle



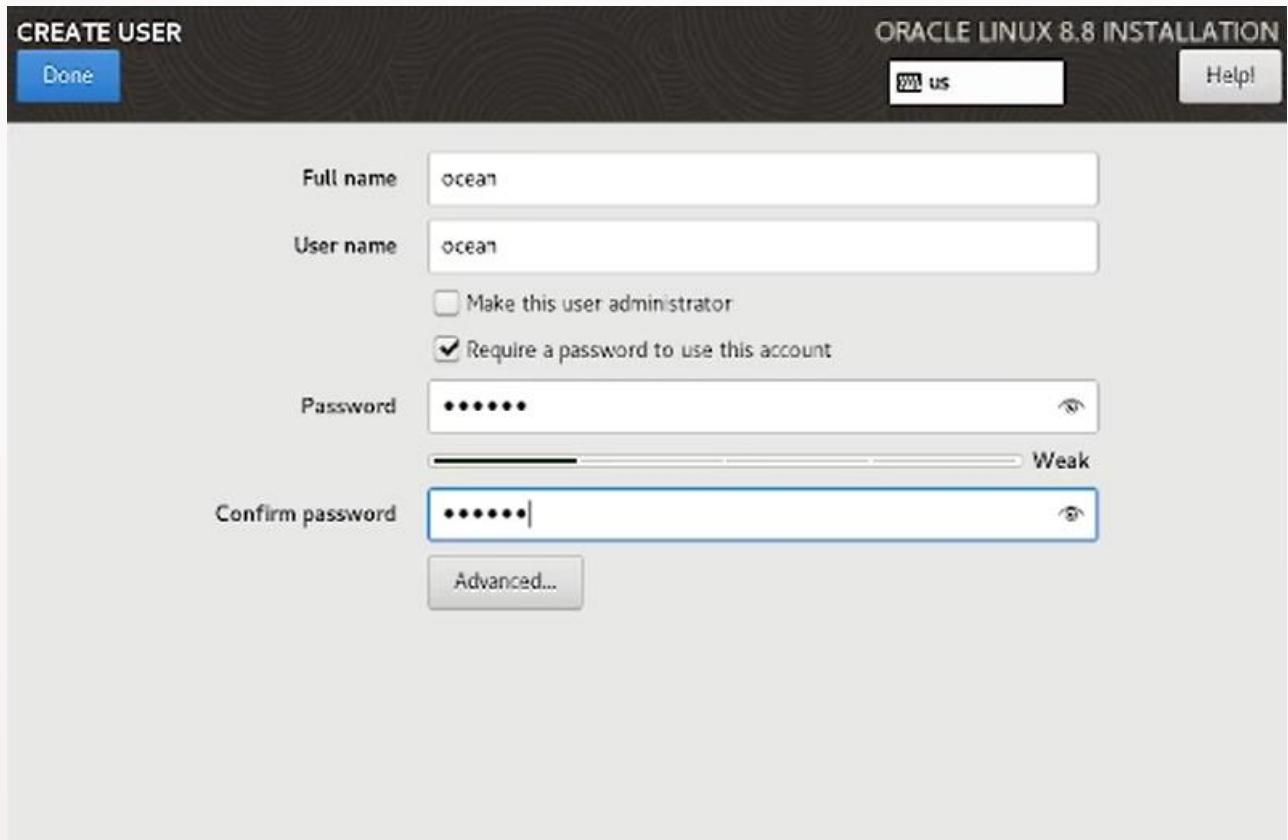
16.
**Buat Root
Password dan
setelah itu jika
sudah klik Done
(2x)**



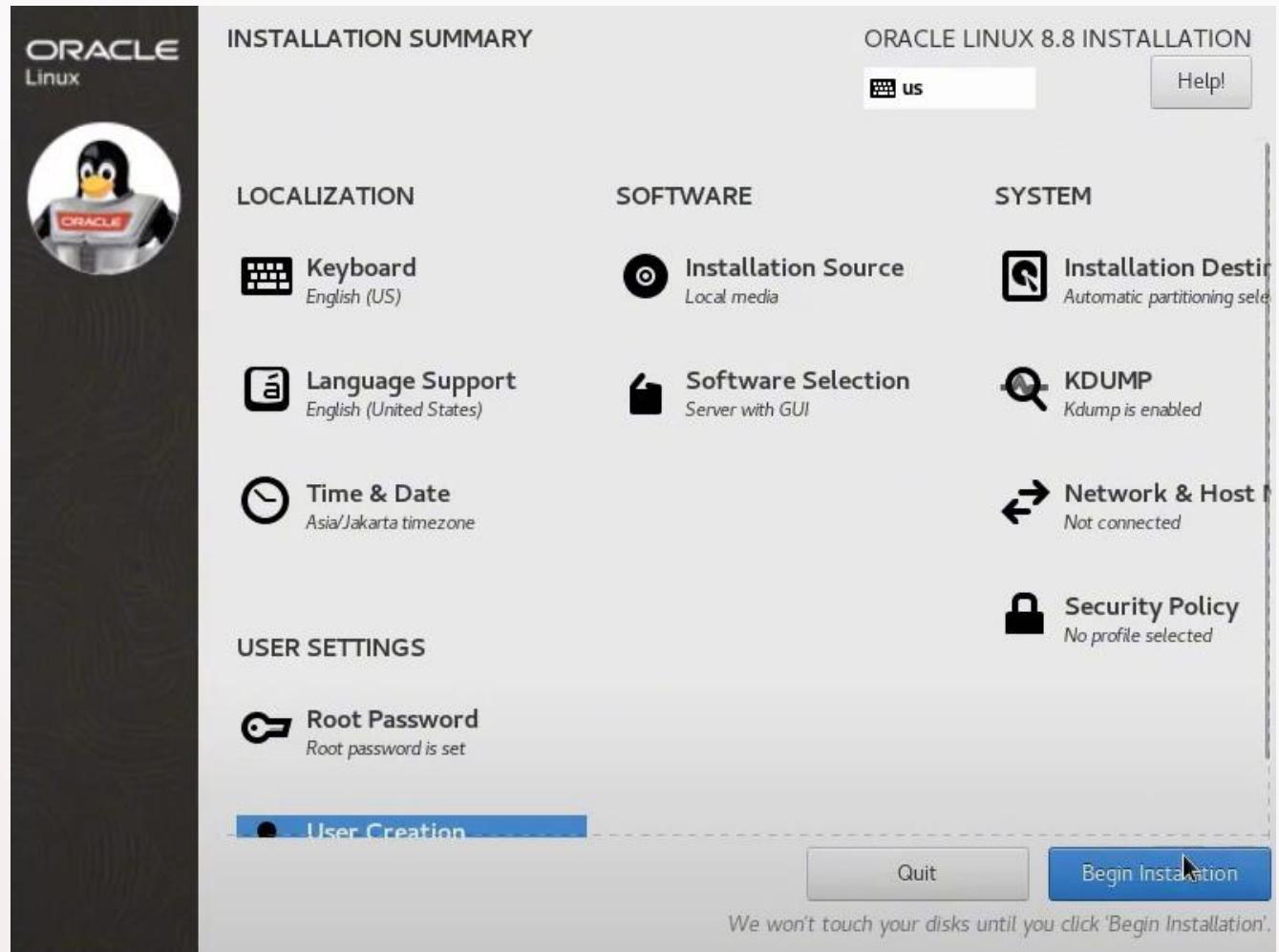
17. Pilih User Creation untuk membuat User



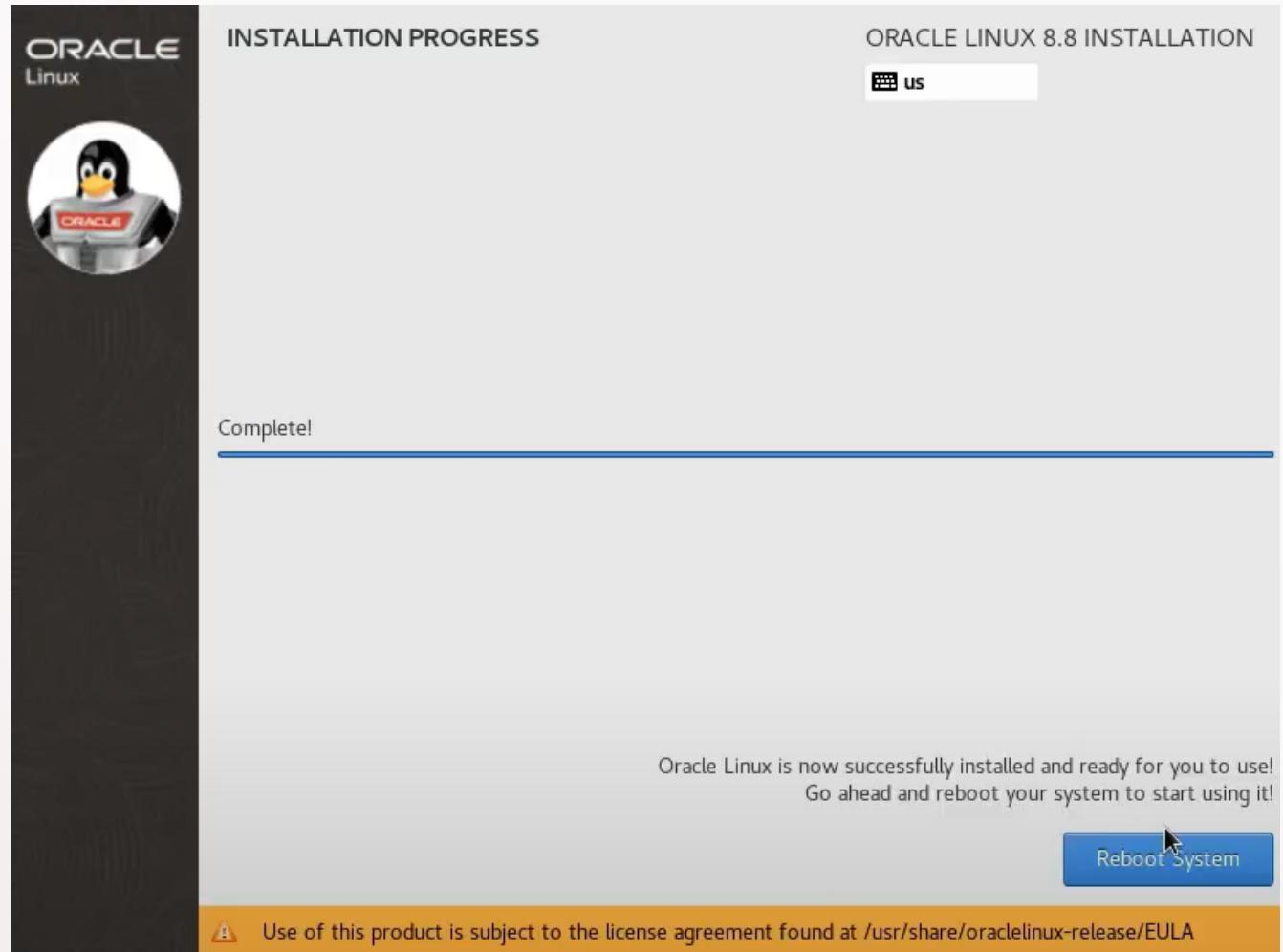
18.
Buat user dengan
memasukkan
nama dan kata
sandi. Setelah
data diisi, tekan
Done



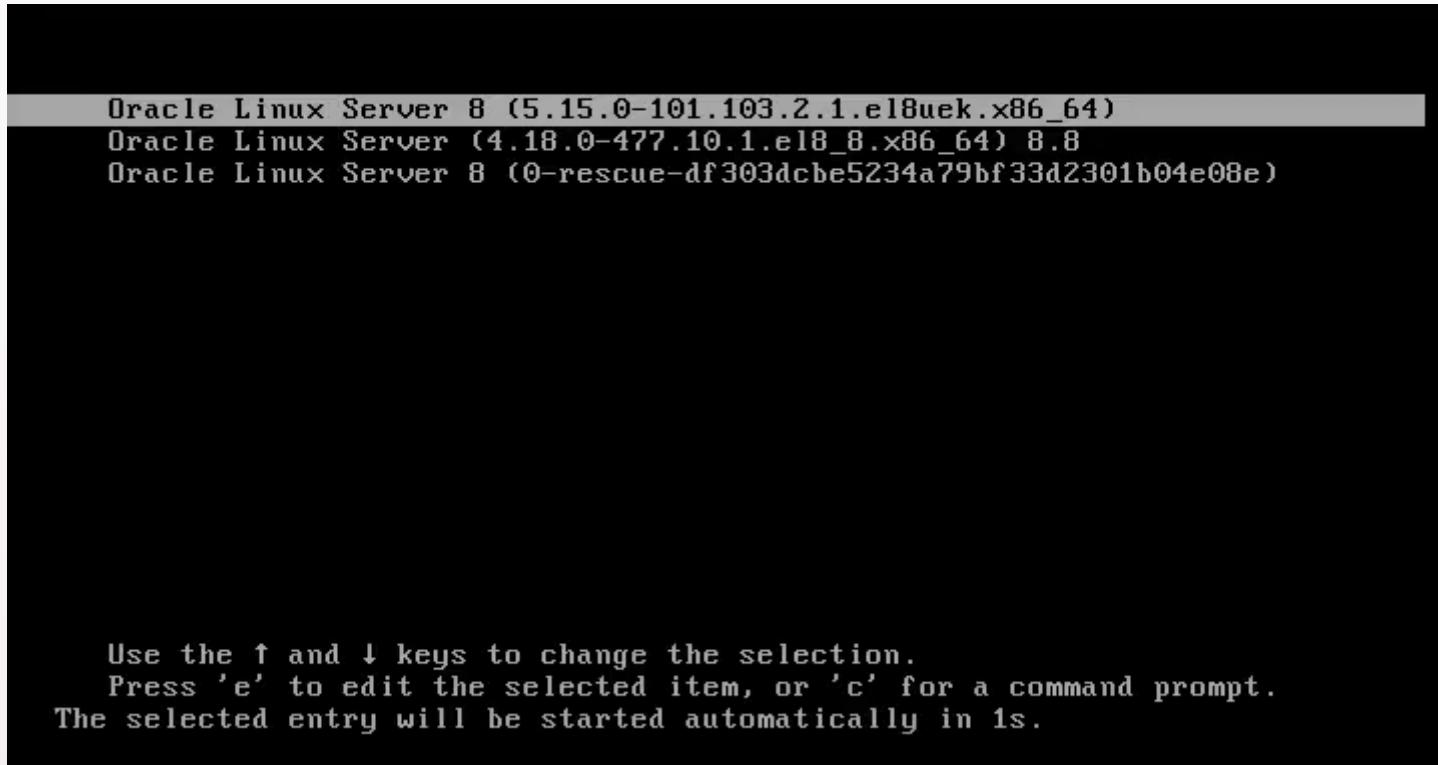
19.
Klik Begin Installation, dan tunggu proses installasi nya hingga selesai



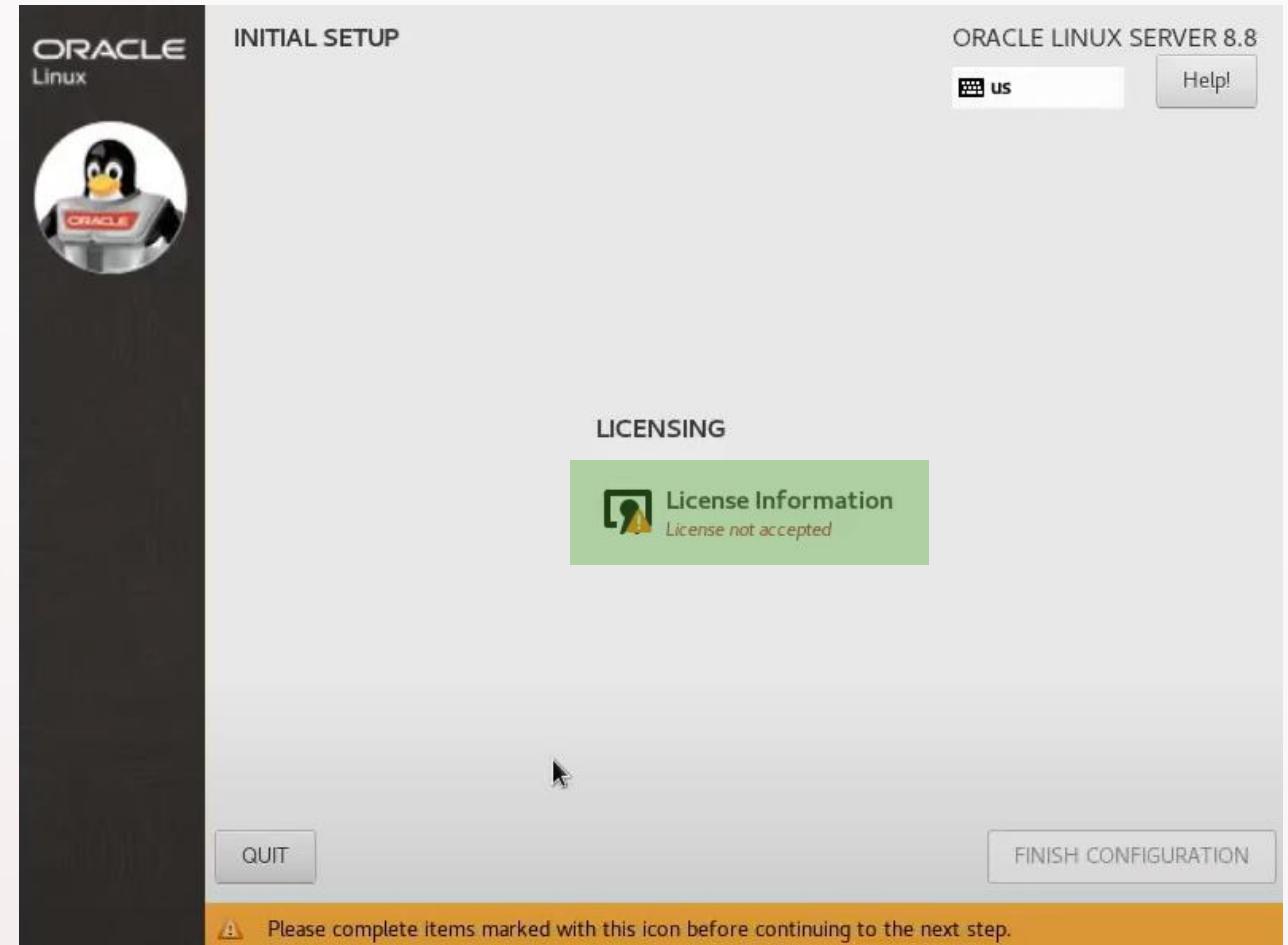
20. Setelah selesai, Reboot System



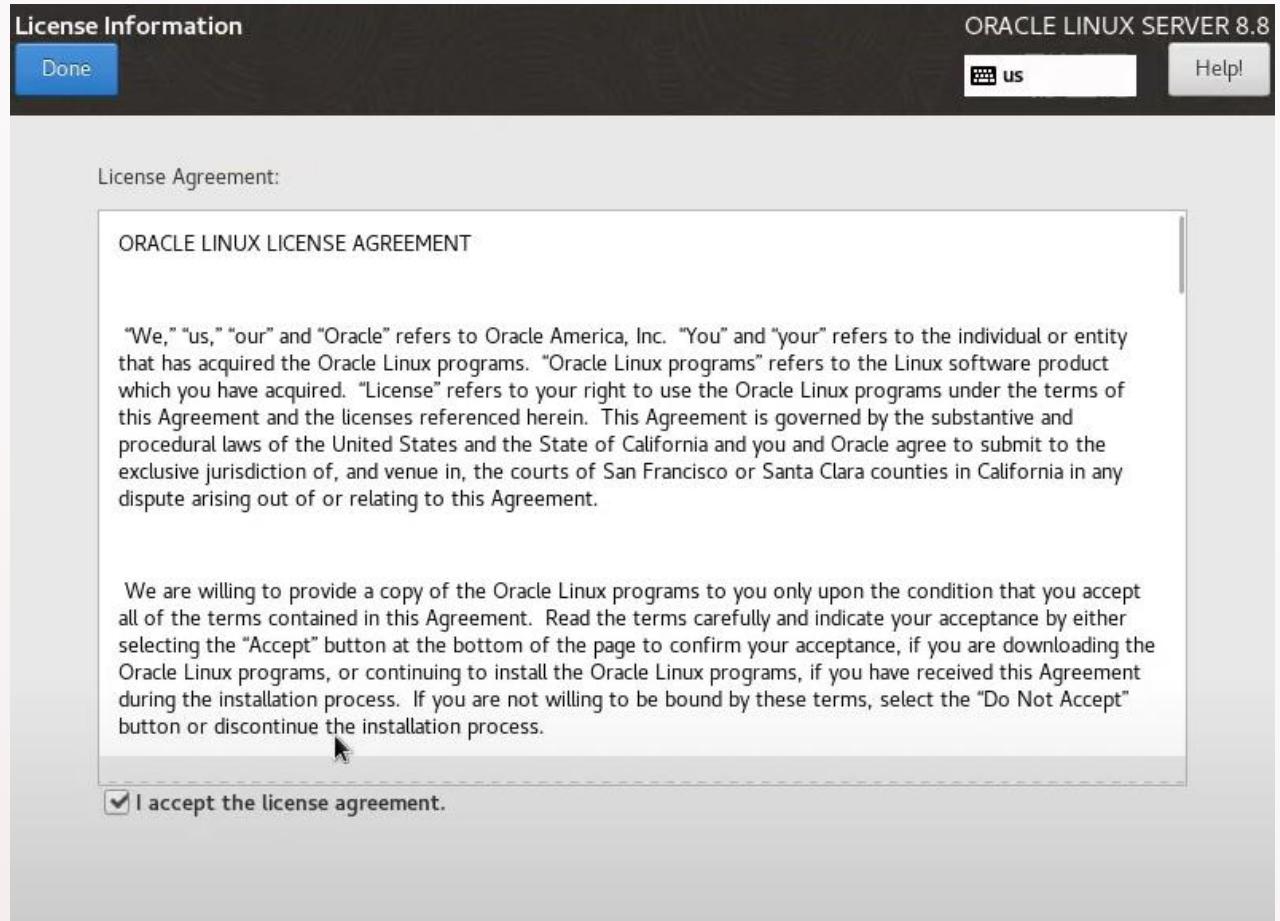
21.
**Pilih Oracle Linux
Server 8 (5.15.0-
101.103.2.1.el8uek
.x86_64)**
menggunakan
arrow pada
keyboard dan enter



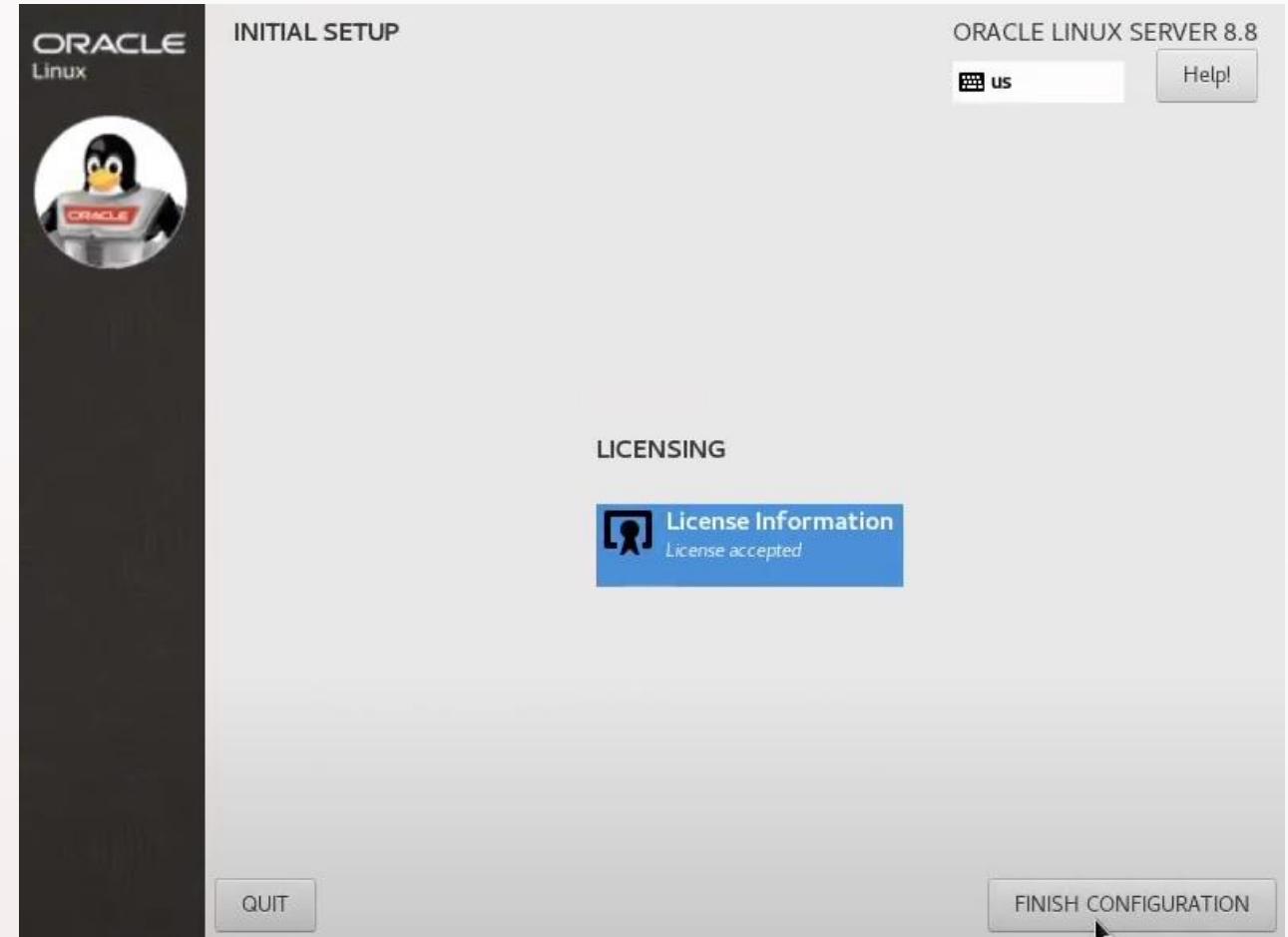
22. Klik bagian License Information



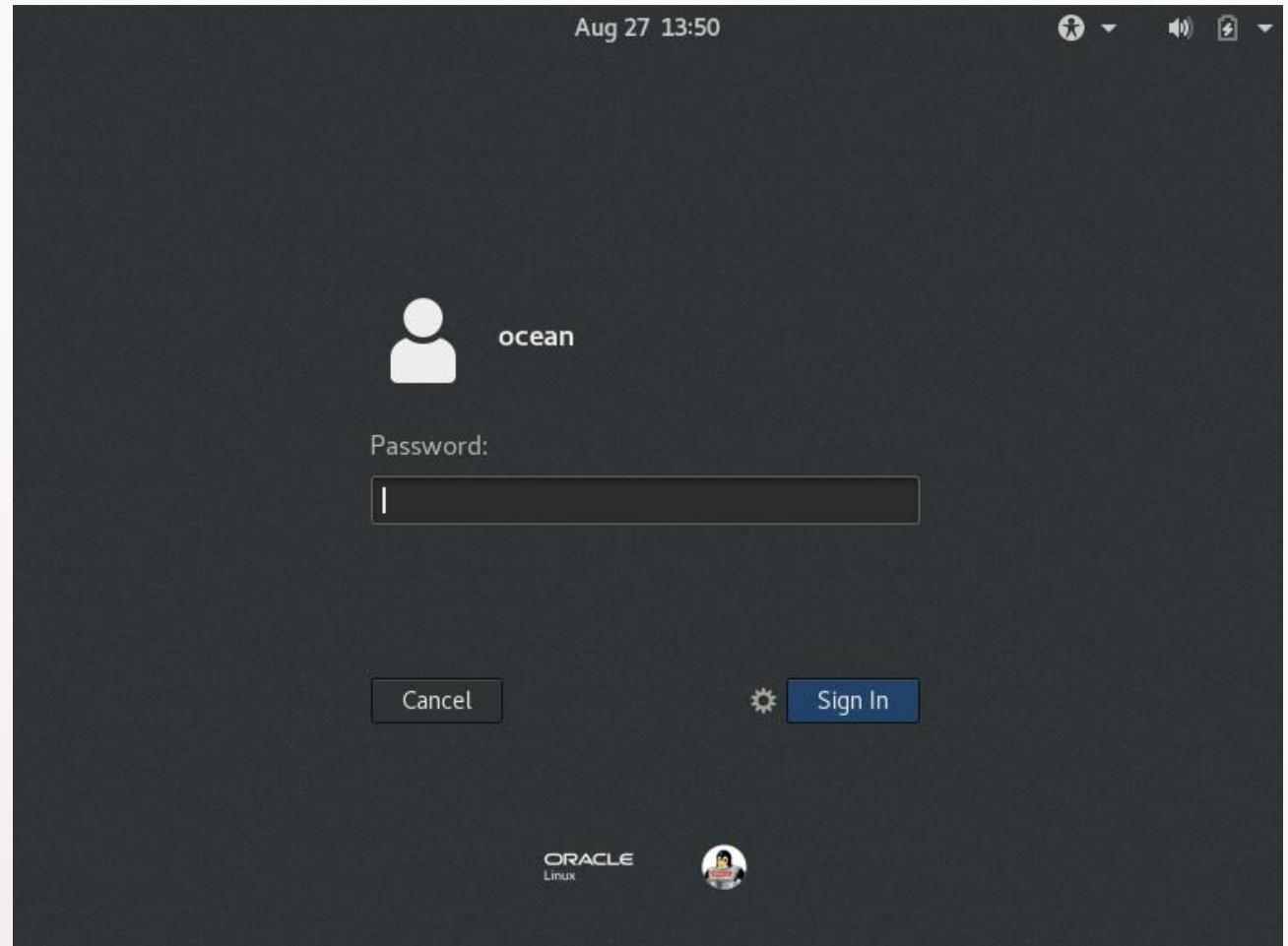
**23.
Klik centang
I accept the
license agreement
dan Done**



24. Klik Finish Configuration



25.
Klik User, lalu
masukkan
password sesuai
dengan yang
sudah di set
sebelumnya dan
Sign in

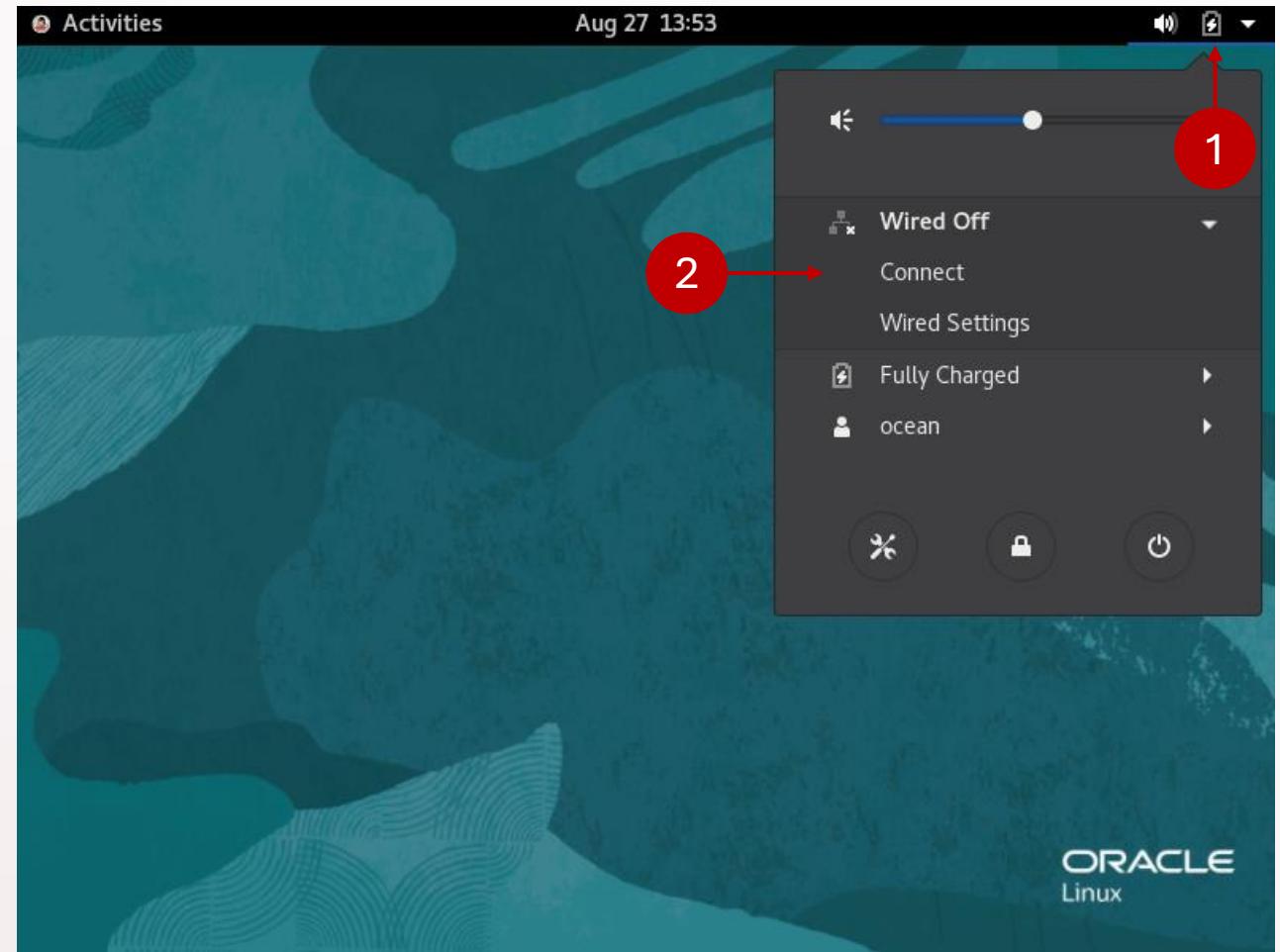


26.

Lakukan beberapa
penyesuaian
singkat, cukup
next-next saja



27.
Pastikan untuk
terkoneksi dengan
jaringan



28.
Pilih Activities, lalu
klik Terminal



29.

Masuk ke Super User dengan command su

```
[ocean@localhost ~]$ su  
Password:
```

30.

Command untuk menampilkan versi kernel Linux (opsional)

```
[root@localhost ocean]# uname -r  
5.15.0-101.103.2.1.el8uek.x86_64
```

31.
Install paket-paket
yang dibutuhkan,
tunggu hingga
selesai
(Ketik y jika ada
beberapa opsi y/N)

Setelah selesai,
close terminal

Masukkan kode ini ke Terminal Linux

```
dnf install kernel-uek-devel-$(uname -r) gcc binutils automake  
make perl bzip2 elfutils-libelf-devel
```



```
[root@localhost ocean]# dnf install kernel-uek-devel-$(uname -r) gcc binutils au  
tomake make perl bzip2 elfutils-libelf-devel
```

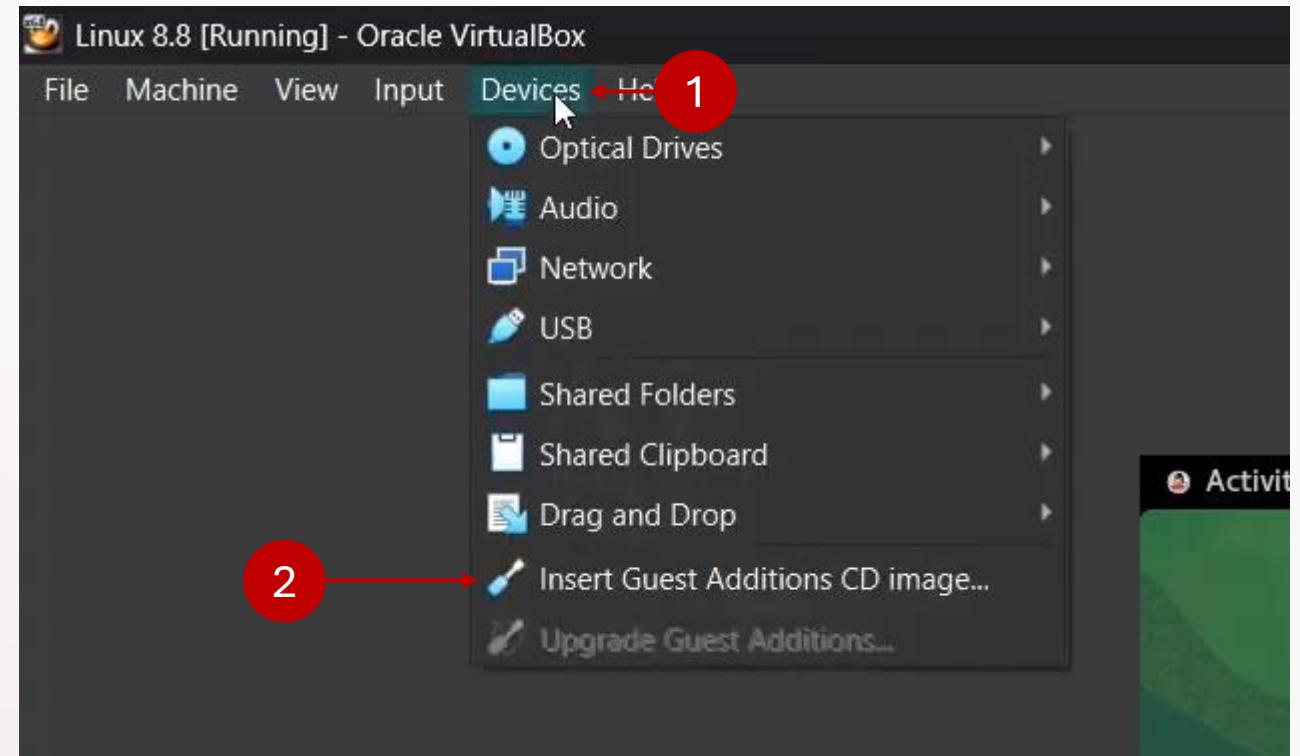


Is this ok [y/N]: y

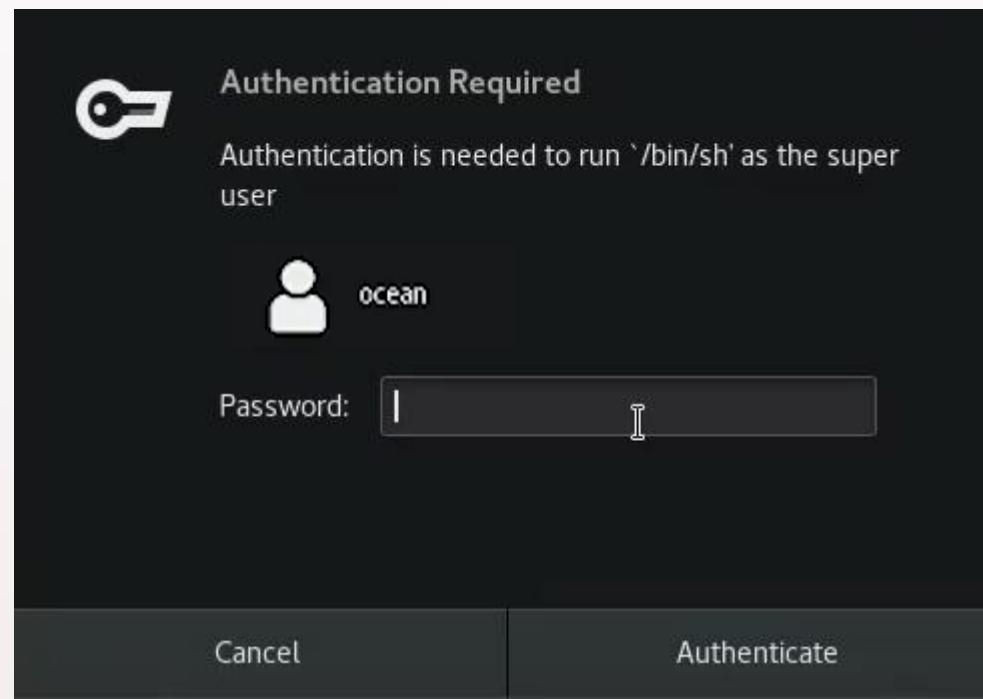
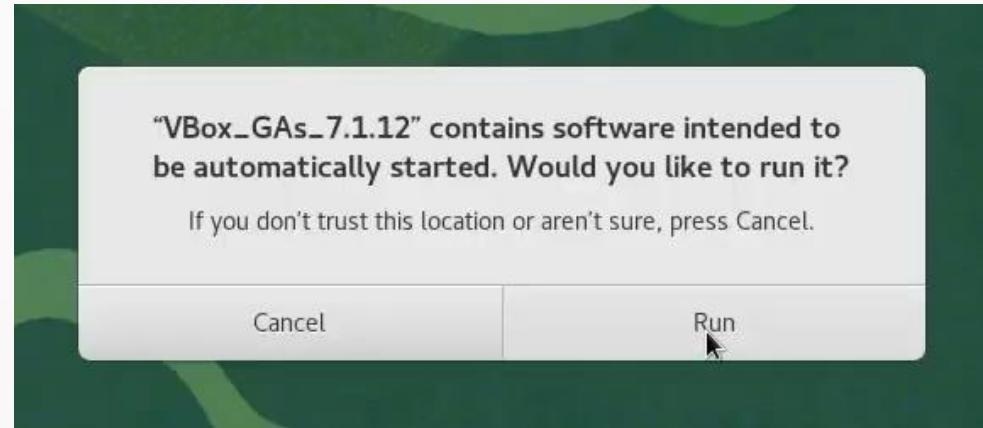


(27/195):	perl-Compress-Raw-Bzip2-2.081-1.el8.x	80 kB/s	40 kB	00:00	
(28/195):	perl-Compress-Raw-Zlib-2.081-1.el8.x8	186 kB/s	68 kB	00:00	
(29/195):	perl-IO-Compress-2.081-1.el8.noarch.r	1.0 MB/s	258 kB	00:00	
(30/195):	perl-IO-Zlib-1.10-422.el8.noarch.rpm	188 kB/S	81 kB	00:00	
(31/195):	perl-Text-Diff-1.45-2.el8.noarch.rpm	185 kB/S	45 kB	00:00	
(32/195):	kernel-devel-4.18.0-553.63.1.el8_10.x	2.2 MB/s	24 MB	00:10	
(33/195):	xz-devel-5.2.4-4.el8_6.x86_64.rpm	106 kB/s	62 kB	00:00	
(34/195):	zlib-devel-1.2.11-21.el8_7.x86_64.rpm	78 kB/s	58 kB	00:00	
(35/195):	autoconf-2.69-29.el8_10.1.noarch.rpm	1.9 MB/s	710 kB	00:00	
(36/195):	annobin-11.13-2.0.6.el8.x86_64.rpm	1.1 MB/s	972 kB	00:00	
(37/195):	automake-1.16.1-8.el8.noarch.rpm	1.2 MB/s	713 kB	00:00	
(38/195):	tcl-8.6.8-2.el8.x86_64.rpm	598 kB/s	1.1 MB	00:01	
(39/195):	bison-3.0.4-10.el8.x86_64.rpm	1.4 MB/s	688 kB	00:00	
(40/195):	boost-timer-1.66.0-13.el8.x86_64.rpm	65 kB/S	21 kB	00:00	
(41/195):	boost-filesystem-1.66.0-13.el8.x86_64	130 kB/s	49 kB	00:00	
(42/195):	dwz-0.12-10.el8.x86_64.rpm	322 kB/s	109 kB	00:00	
(43/195):	ctags-5.8-23.el8.x86_64.rpm	352 kB/s	170 kB	00:00	
(44/195):	efi-srpm-macros-3-3.0.1.el8.noarch.rp	130 kB/S	22 kB	00:00	
(45/195):	gc-7.6.4-3.el8.x86_64.rpm	296 kB/s	109 kB	00:00	
(46/195):	flex-2.6.1-9.el8.x86_64.rpm	538 kB/s	319 kB	00:00	
(47/195):	gcc-plugin-annobin-8.5.0-26.0.1.el8_1	408 kB/S	46 kB	00:00	
(48/195):	gcc-toolset-11-11.1-1.el8.x86_64.rpm	35 kB/s	10 kB	00:00	

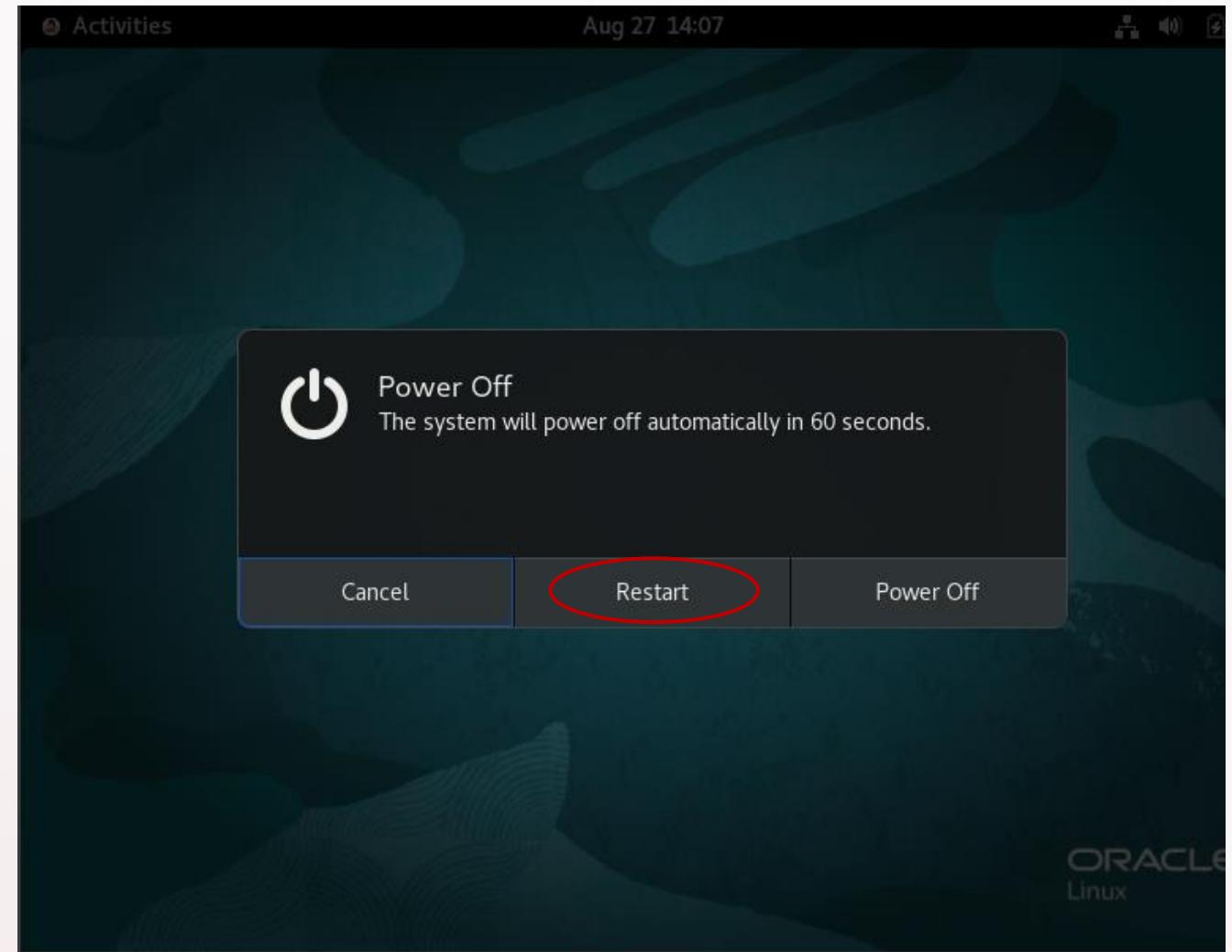
32.
Selanjutnya adalah
pilih **Devices**, dan
setelah itu **Insert
Guest Additions
CD Image...**



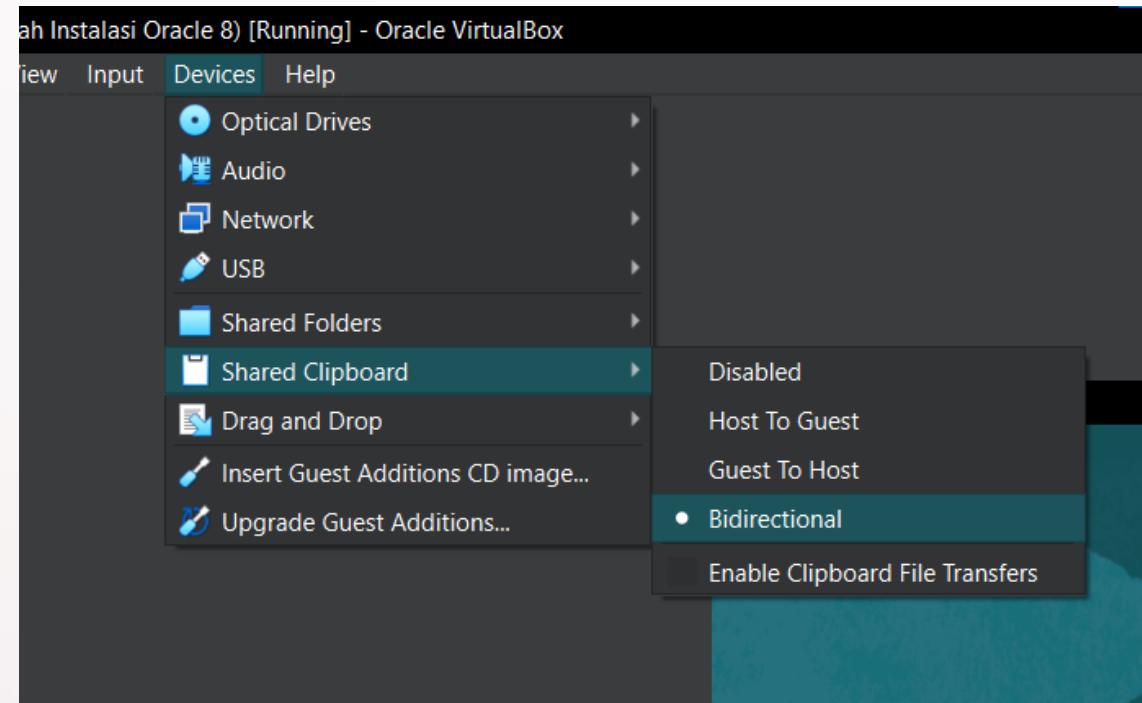
33.
Klik Run, dan
untuk autentifikasi
diperlukan untuk
memasukkan
password lagi



34.
Setelah prosesnya
selesai, bisa
langsung menutup
terminal dan
melakukan restart

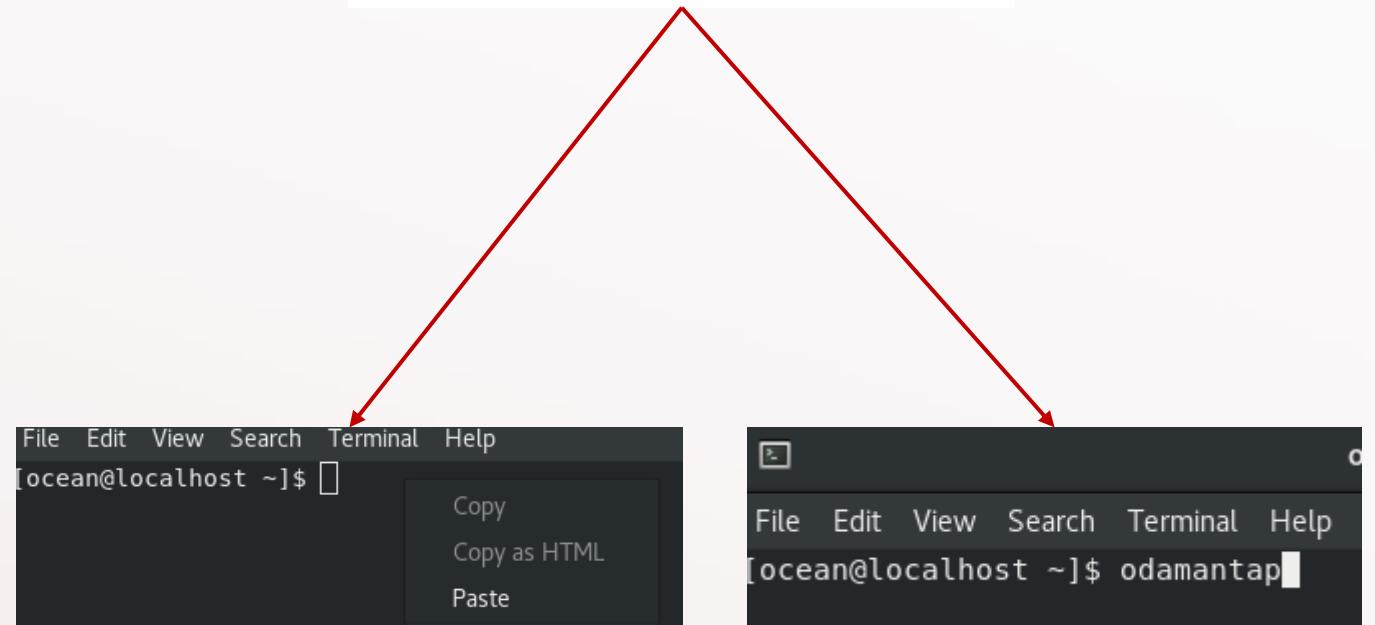
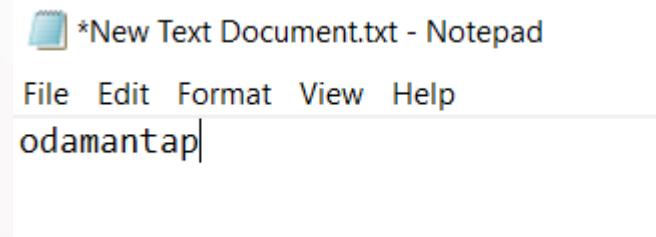


35.
Setelah restart pilih
**Devices > Shared
Clipboard >
Bidirectional**
untuk mengaktifkan fitur
copy paste antar OS



36.
Silahkan
melakukan testing
dengan copy text
dari OS Windows
dan paste ke
Oracle Linux

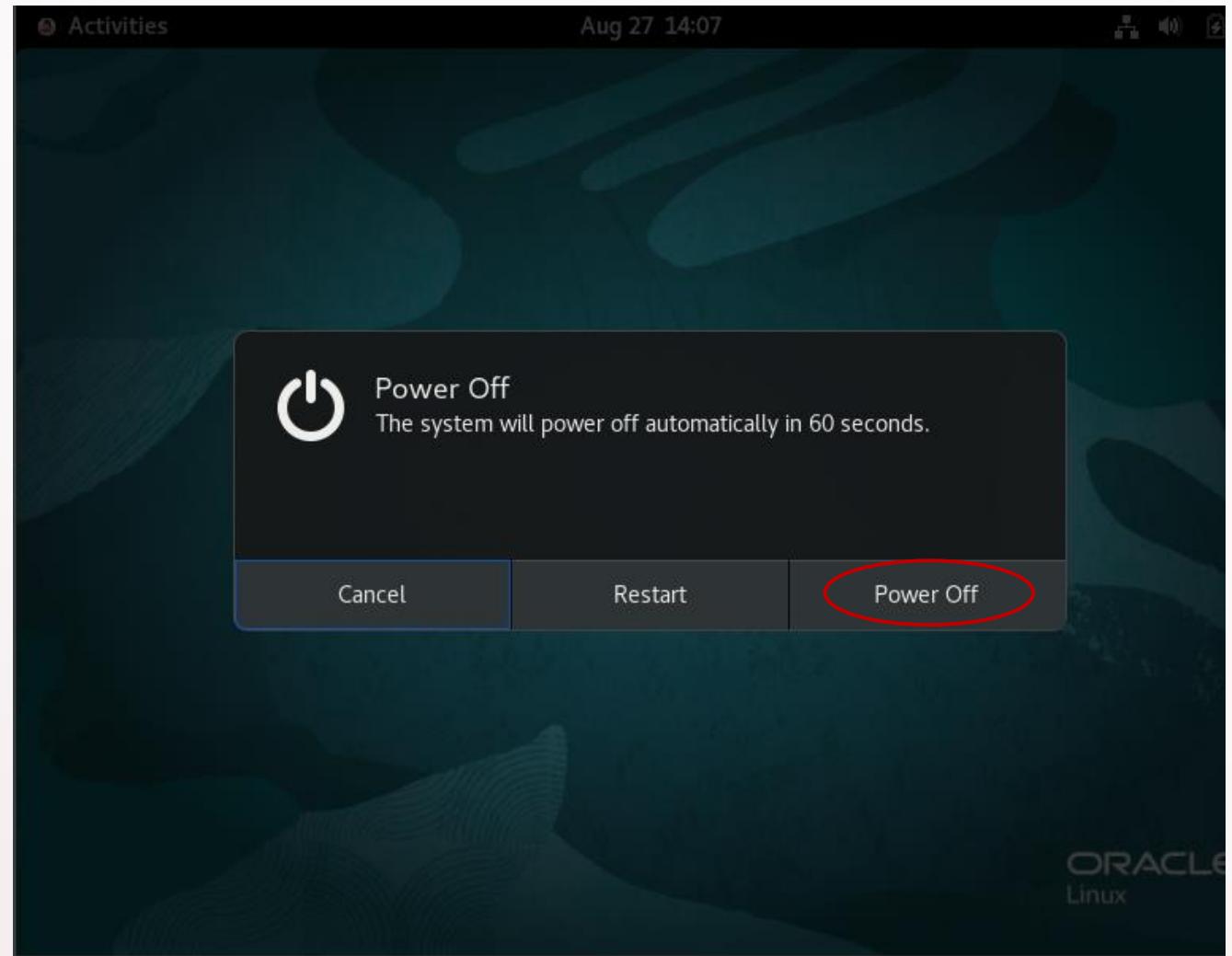
Copy text dari Windows



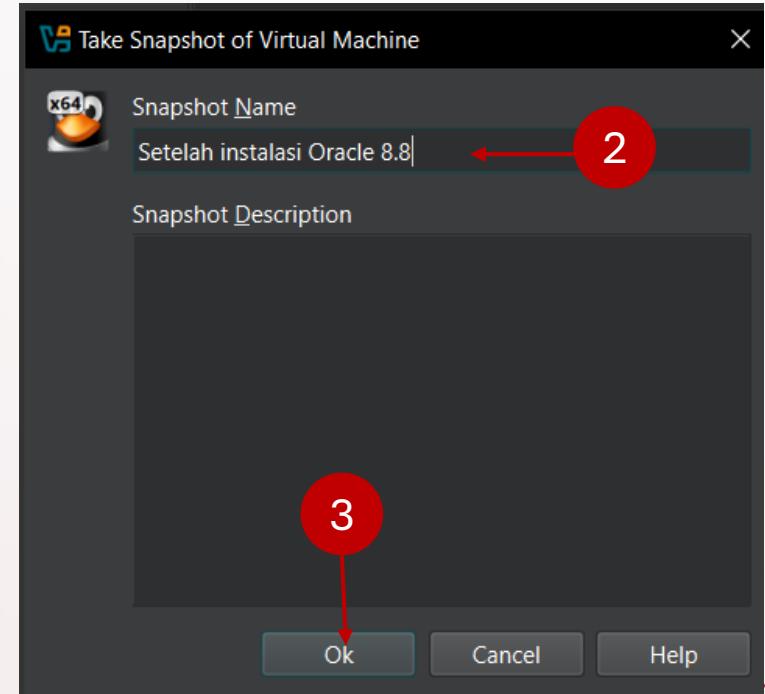
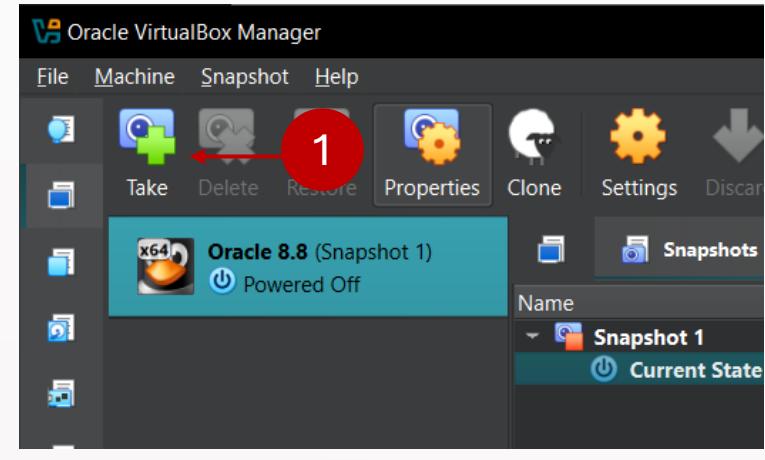
Klik kanan > Paste

Atau CTRL + SHIFT + V

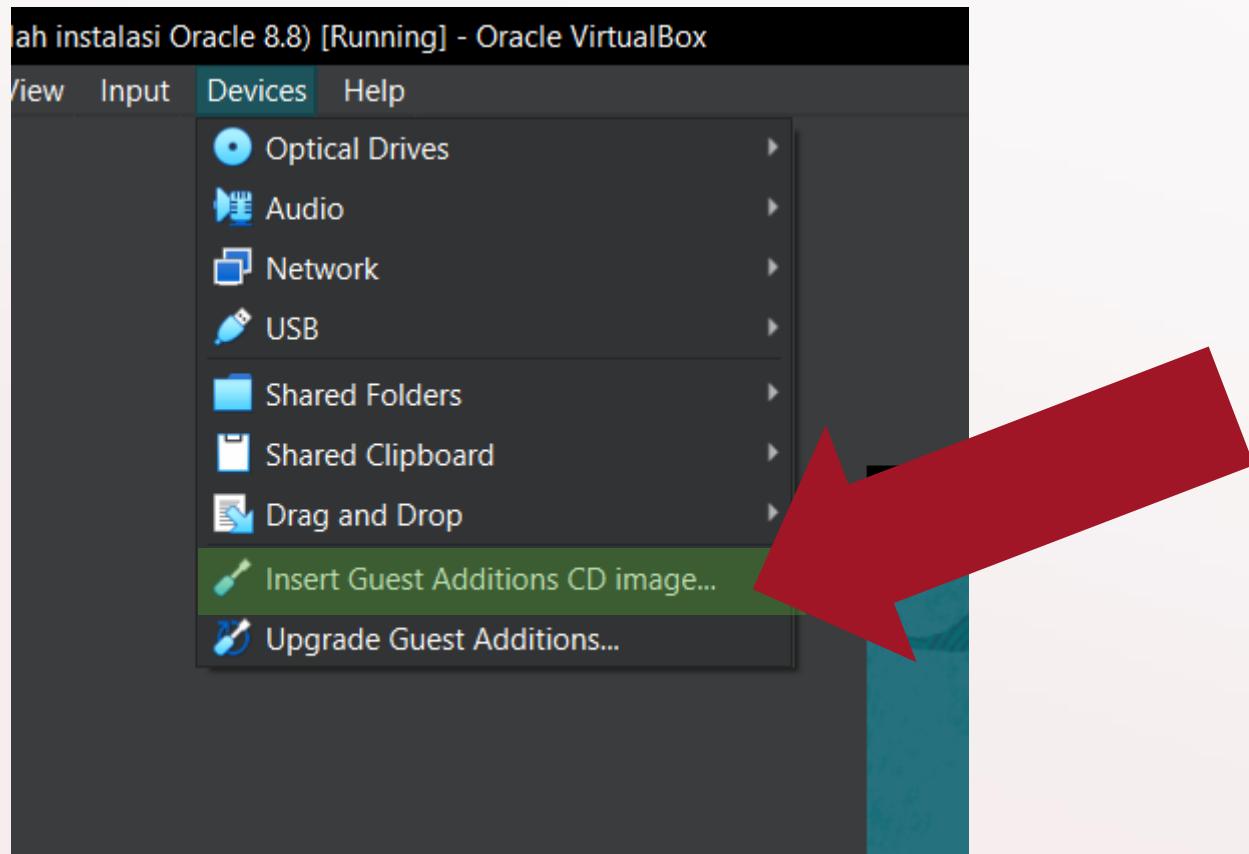
37.
Jika sudah
berhasil, maka
jangan lupa untuk
Power Off virtual
machine nya



38.
Buat Snapshot
setelah segala
instalasi Oracle 8.8
berhasil dilakukan,
untuk menyimpan
kondisi state
terakhir

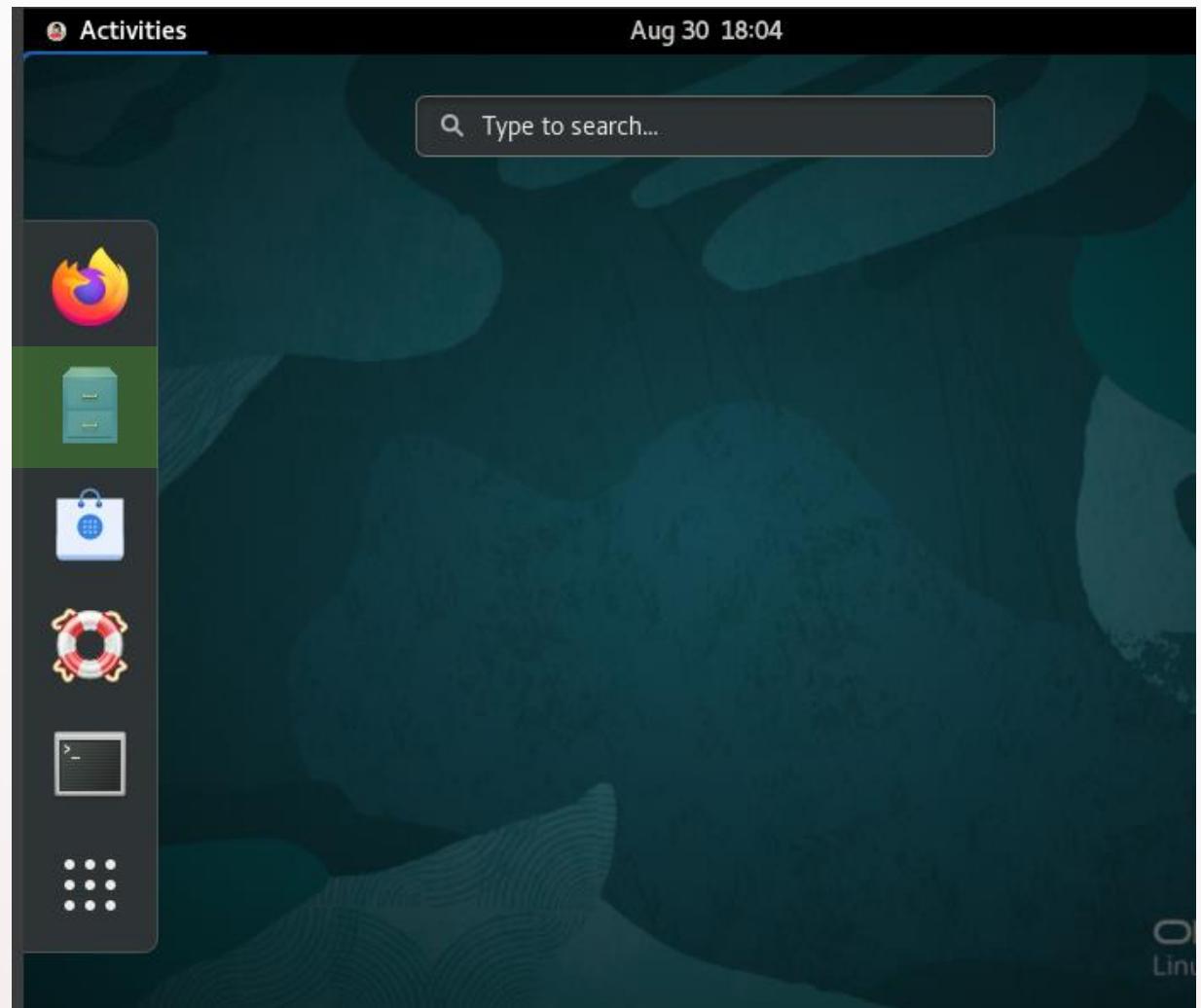


Kendala yg mungkin terjadi

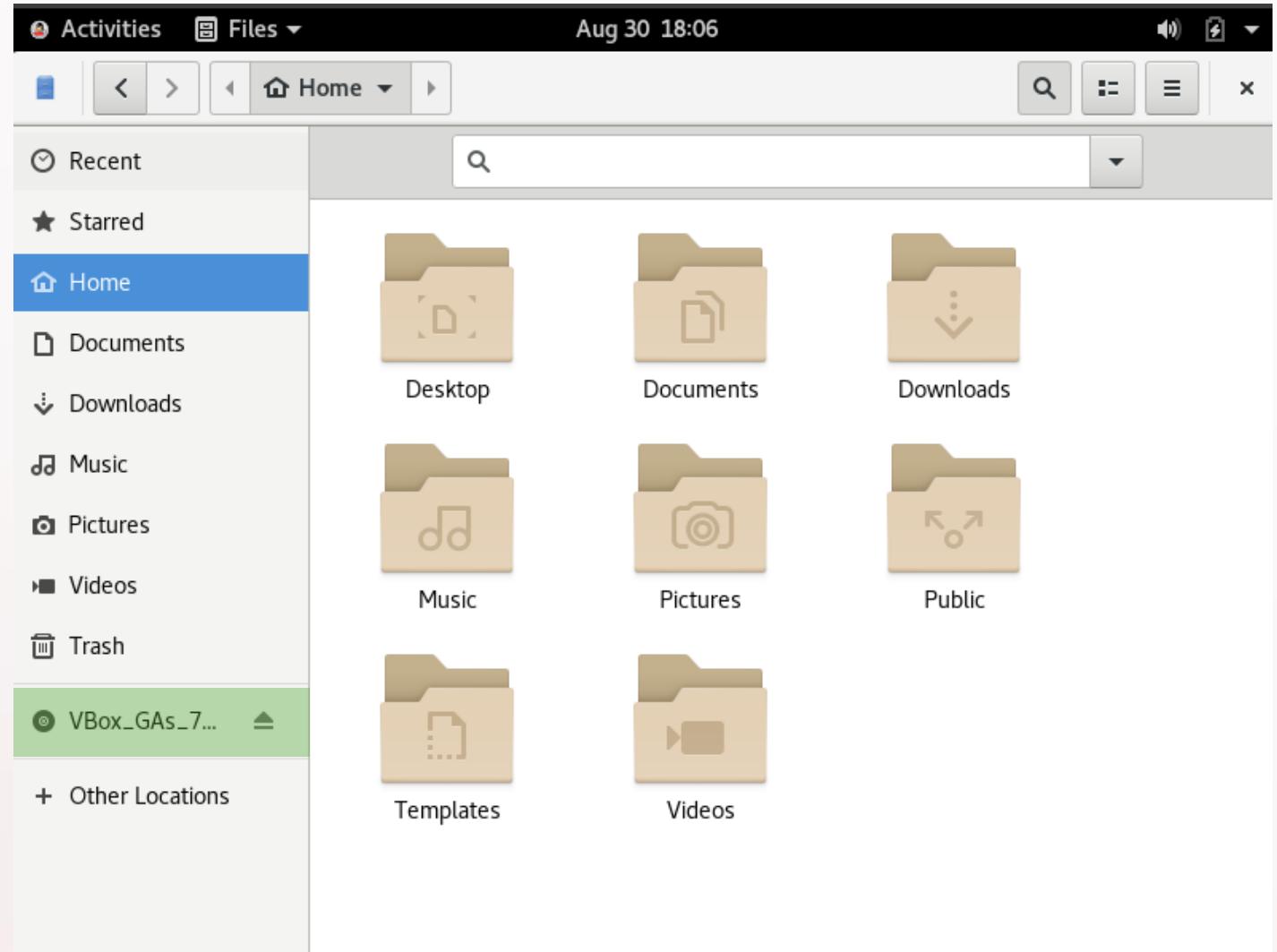


Di beberapa kasus
mungkin saja terjadi,
**Insert Guest
Additions CD image
tidak memunculkan
apa-apa setelah
di klik**

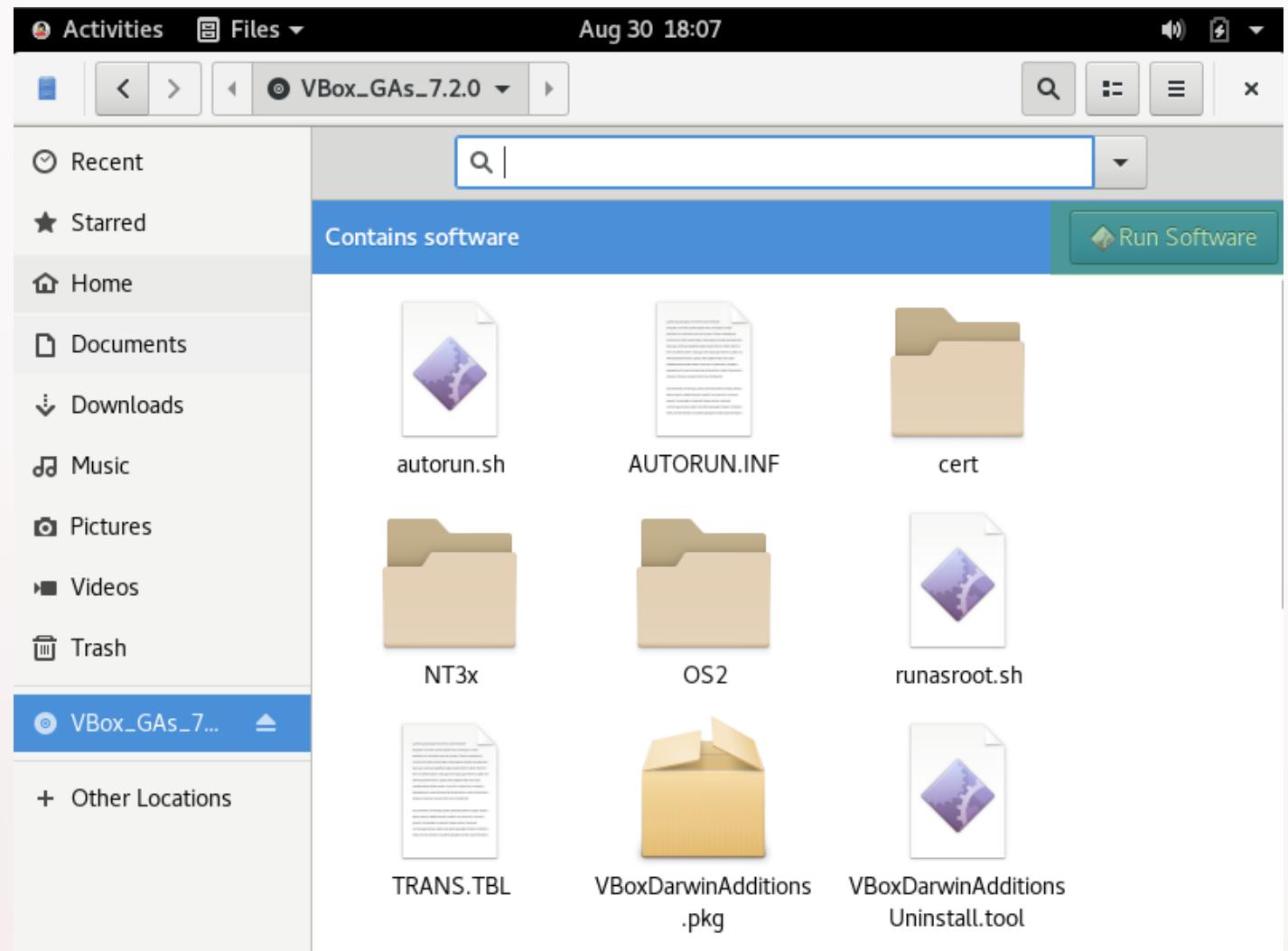
1.
Klik Activities >
Lalu buka Files



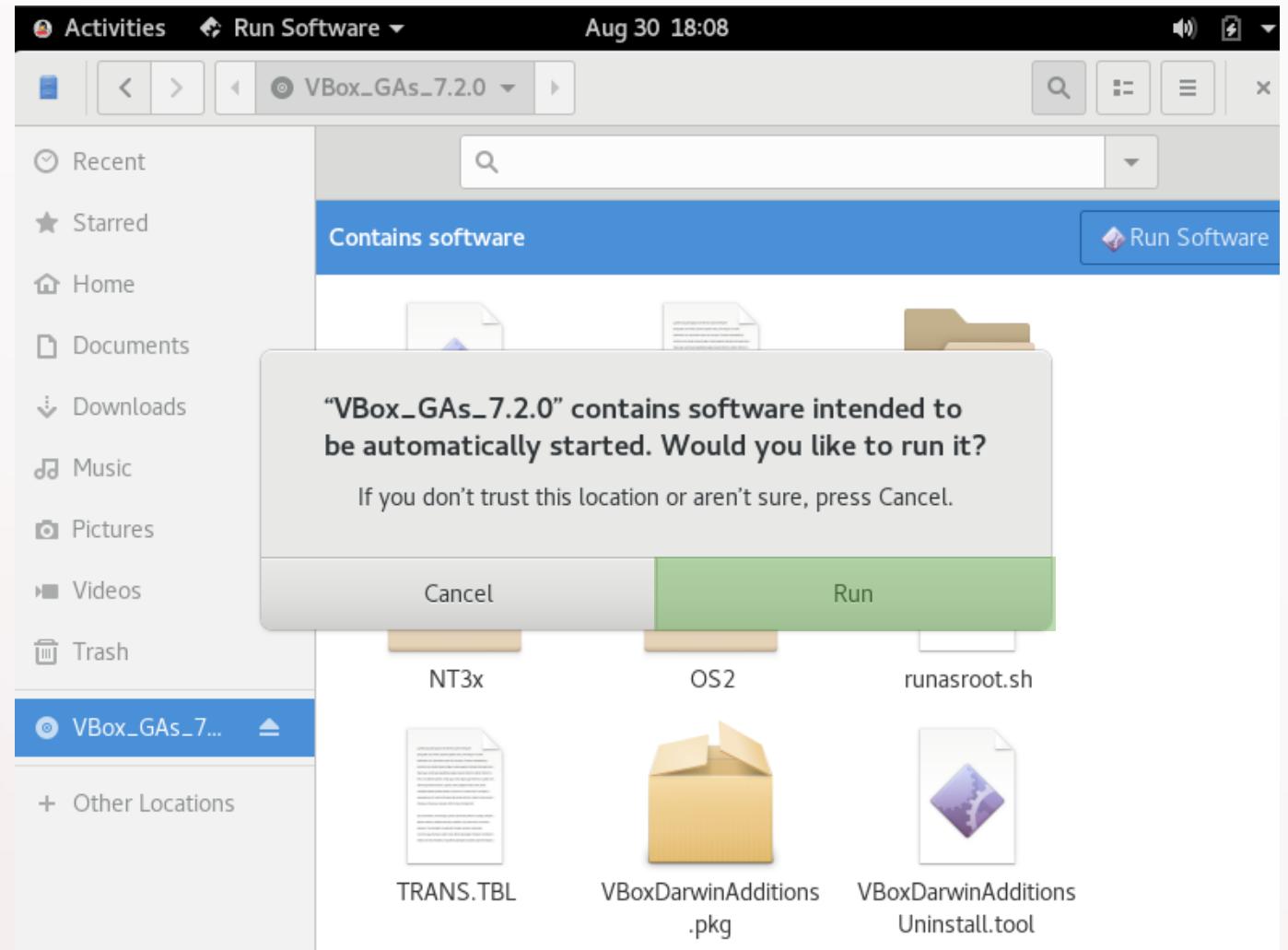
2.
Maka tampilan
Anda akan
seperti ini,
setelah itu **klik**
Vbox_GAs_7.2.0



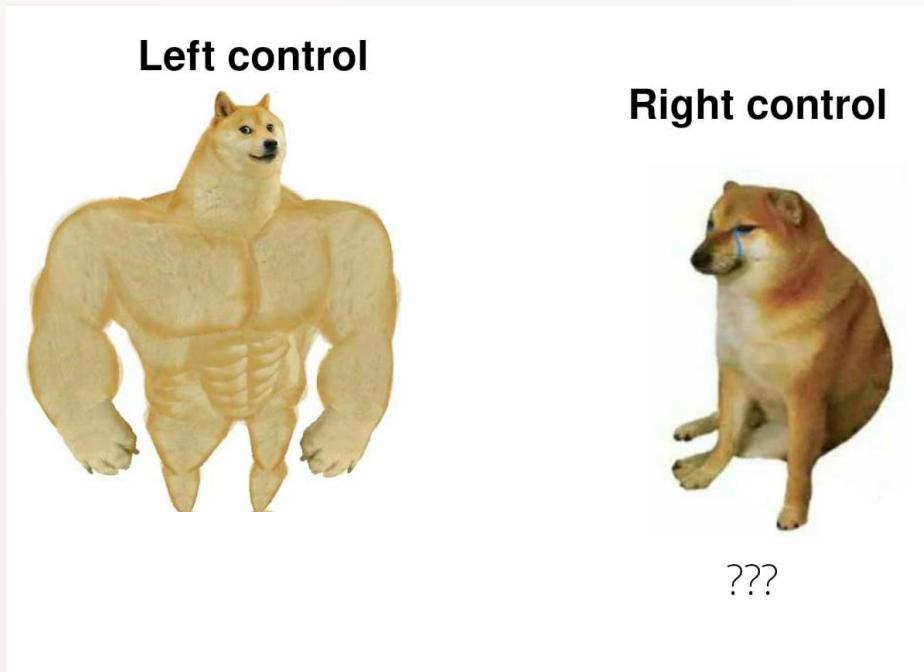
3. Tekan Run Software



4. Jalankan instalasi dengan klik Run

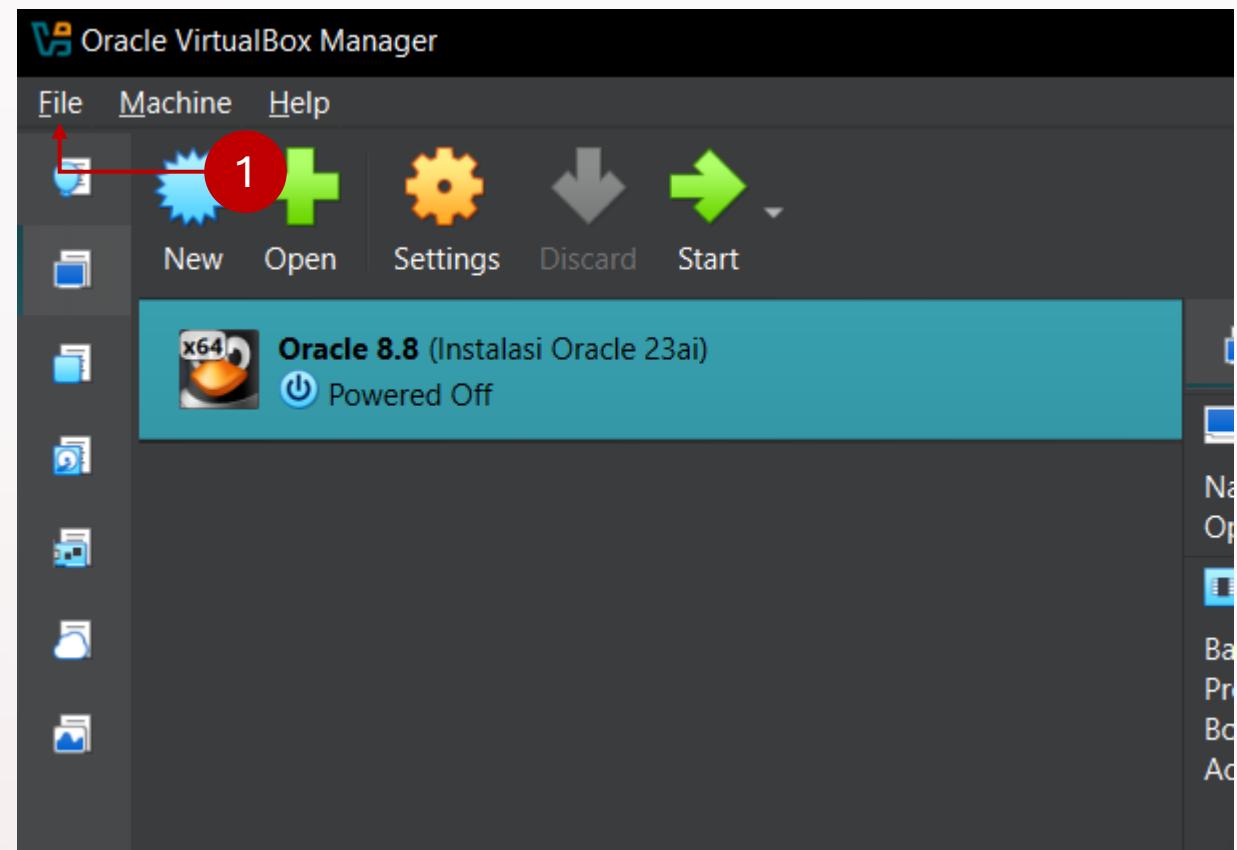


Kendala yg mungkin terjadi #2

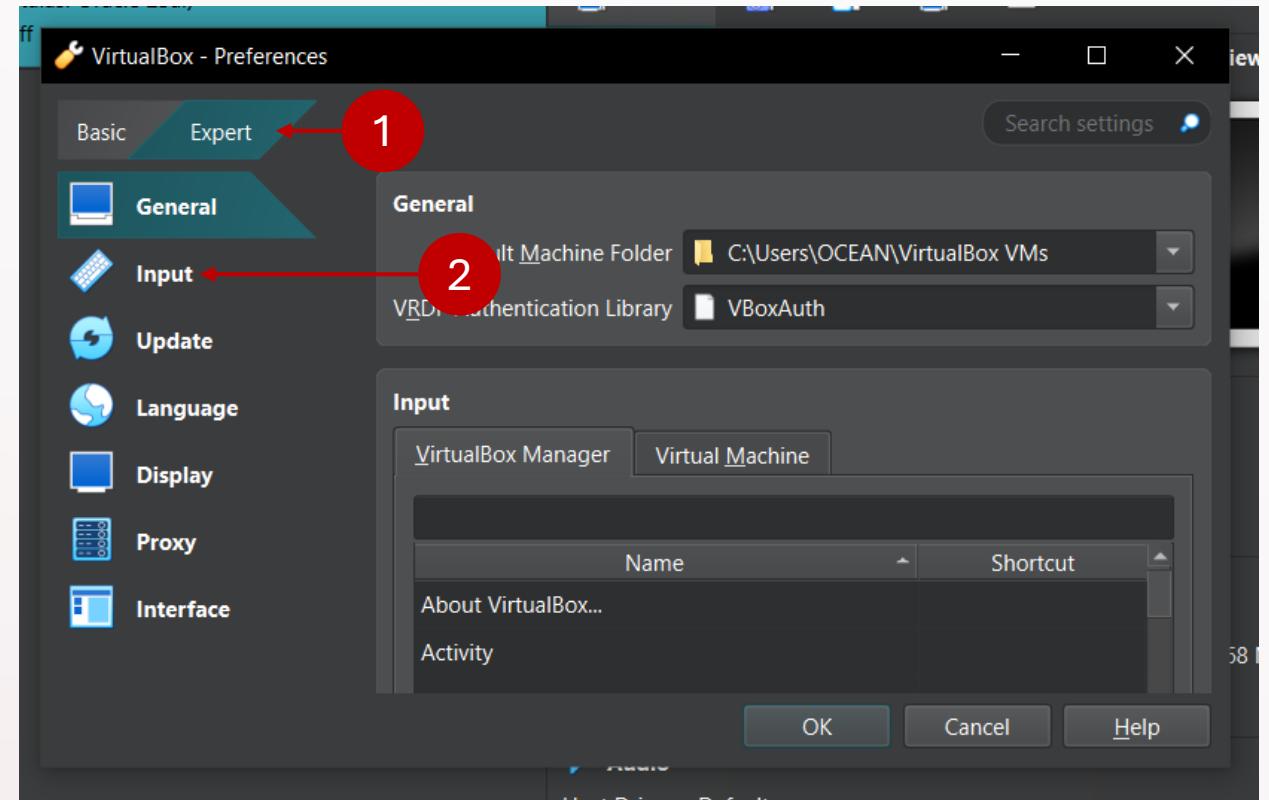


Bagi yang bermasalah karena **tidak memiliki tombol Right Ctrl** untuk mengganti cursor (host key) di luar/dalam virtual machine, dapat melakukan cara berikut ini

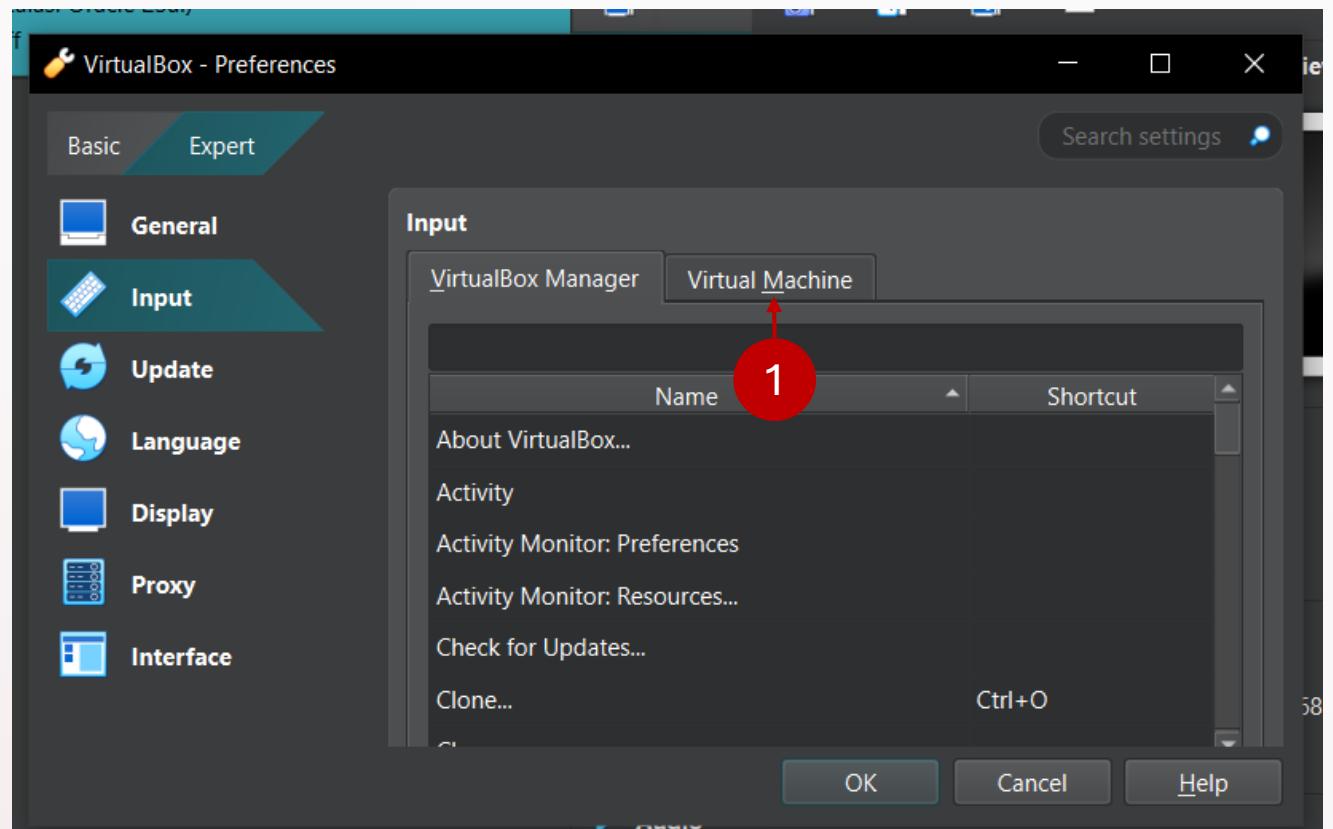
1.
Files > Preferences /
Bisa langsung
gunakan shortcut
CTRL + G



2.
Pastikan ada di
section expert, lalu
klik Input



3. Dari VirtualBox Manager pindahkan jadi ke bagian Virtual Machine



4.
Klik Host Key Combo
> Ganti shortcutnya
dengan tombol yang
tersedia di laptop
masing-masing
(contoh : shift),
jika sudah klik OK

