

Instalasi Oracle 8.8 pada VirtualBox

Praktikum Oracle Database Administrator

Download ISO Oracle 8.8

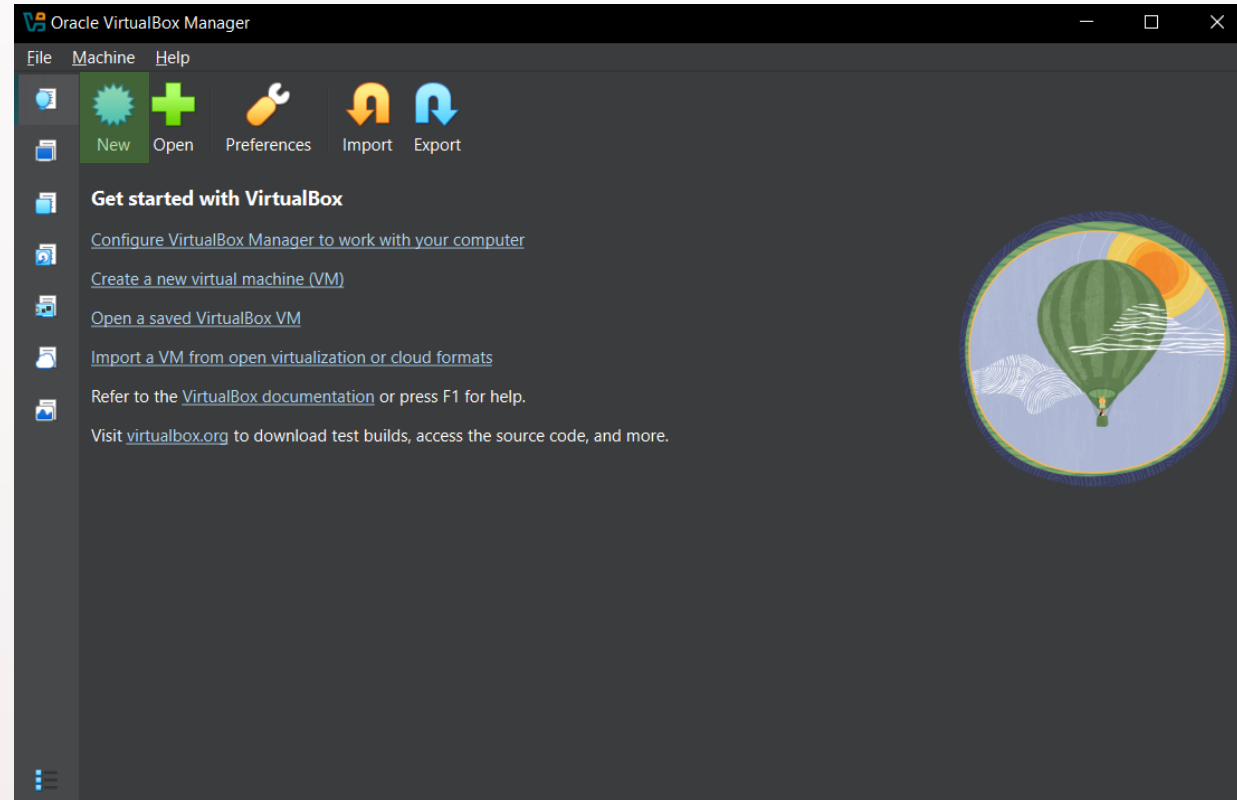
<https://yum.oracle.com/oracle-linux-isos.html>

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

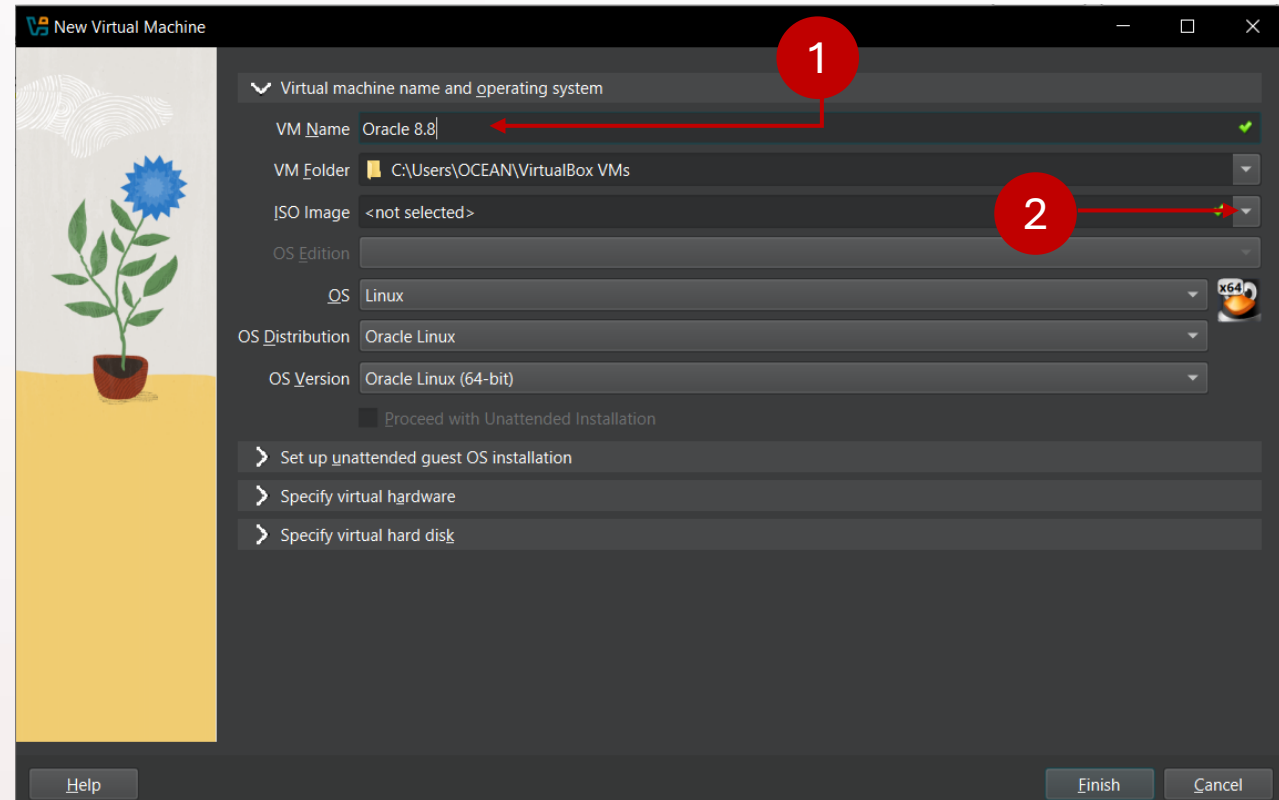
: pilih yang Full ISO dengan versi 8.8 x84_64. Namun, jika Anda menggunakan MacOS, silakan unduh versi ARM.

1.

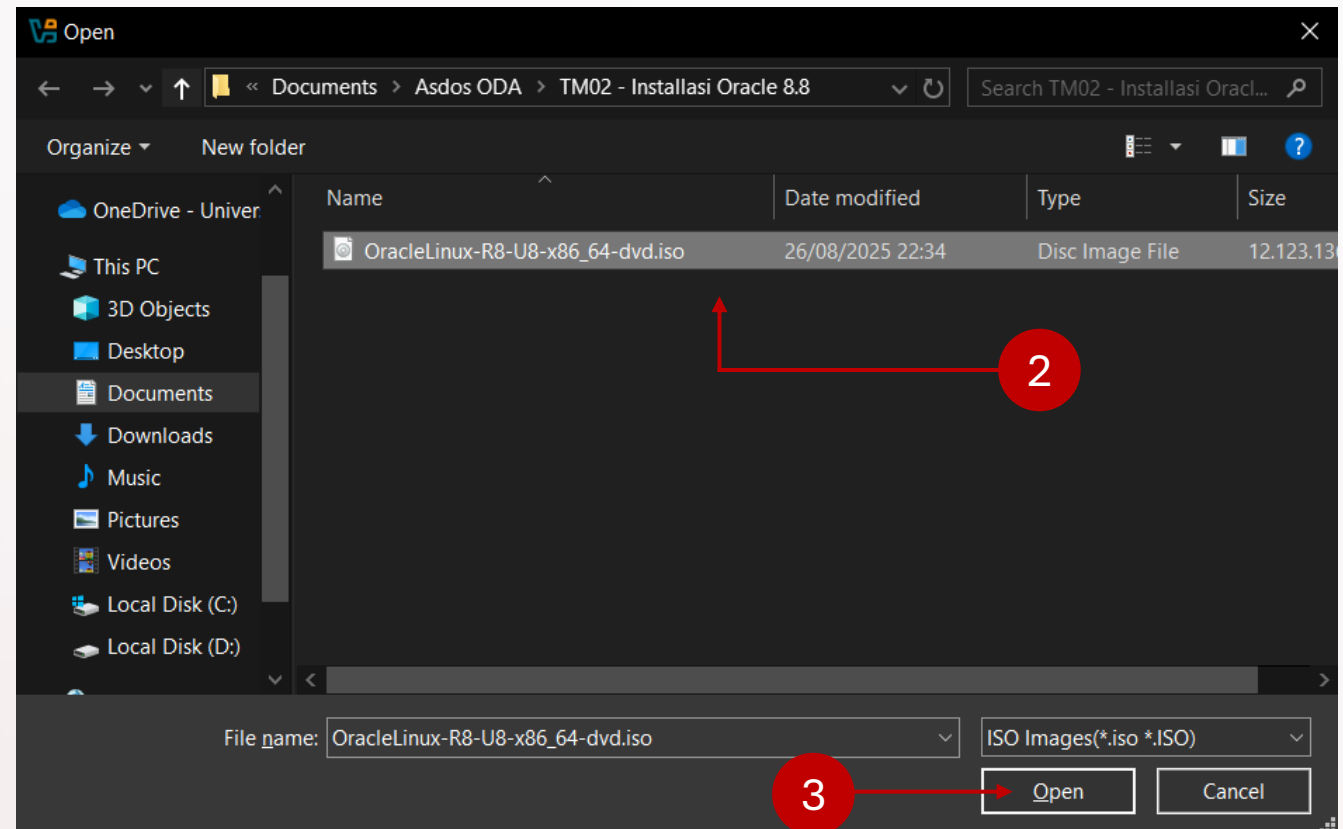
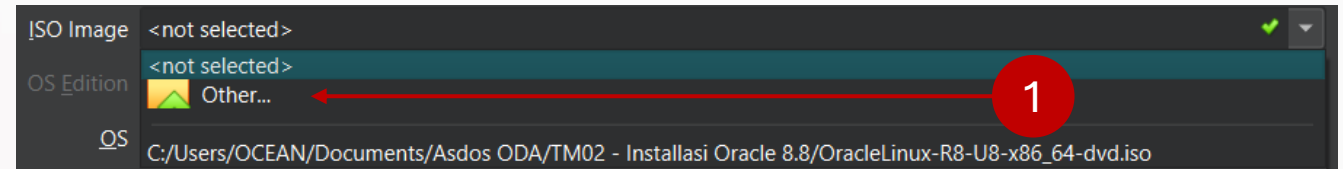
Buka Oracle VirtualBox dan **Klik New**



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

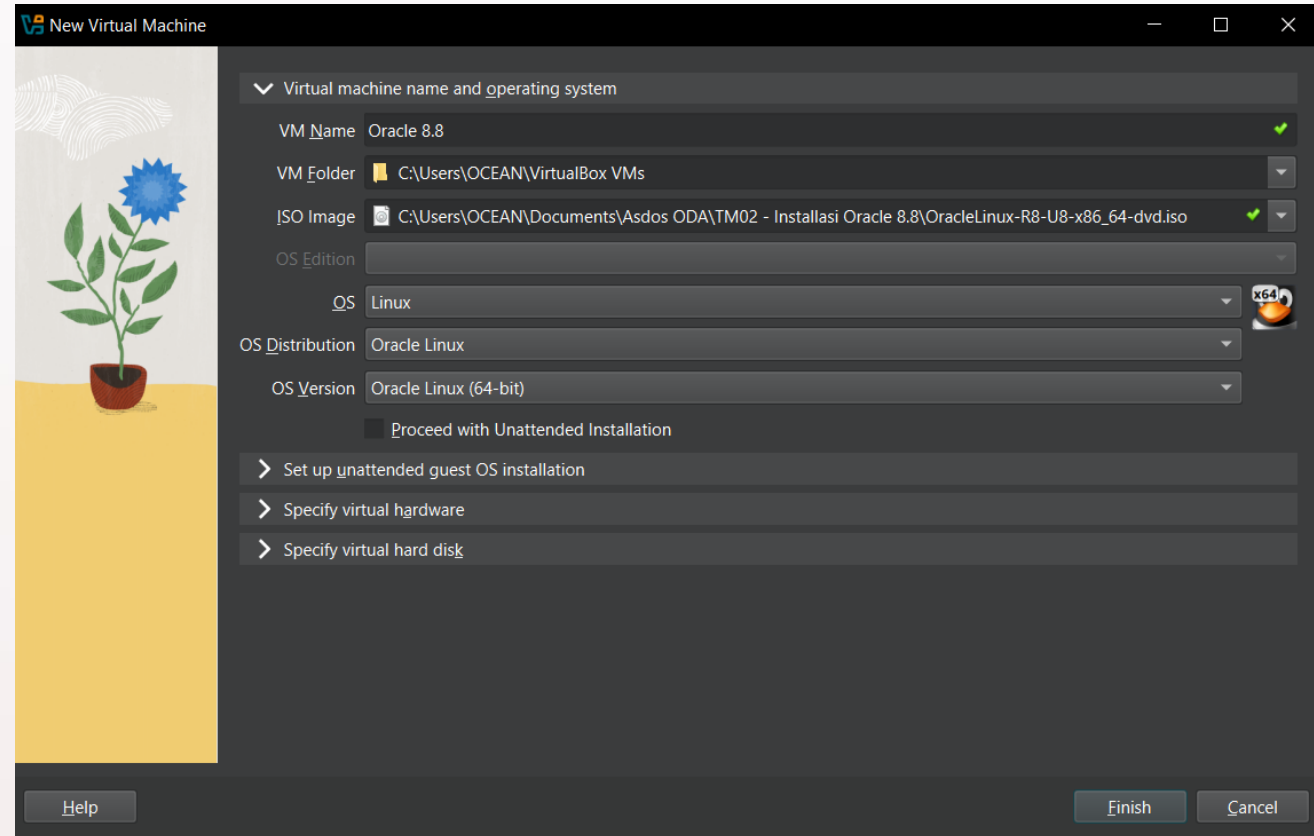


3.
Pilih **Other**, lalu
masukkan file
ISO sesuai
dengan direktori
masing-masing

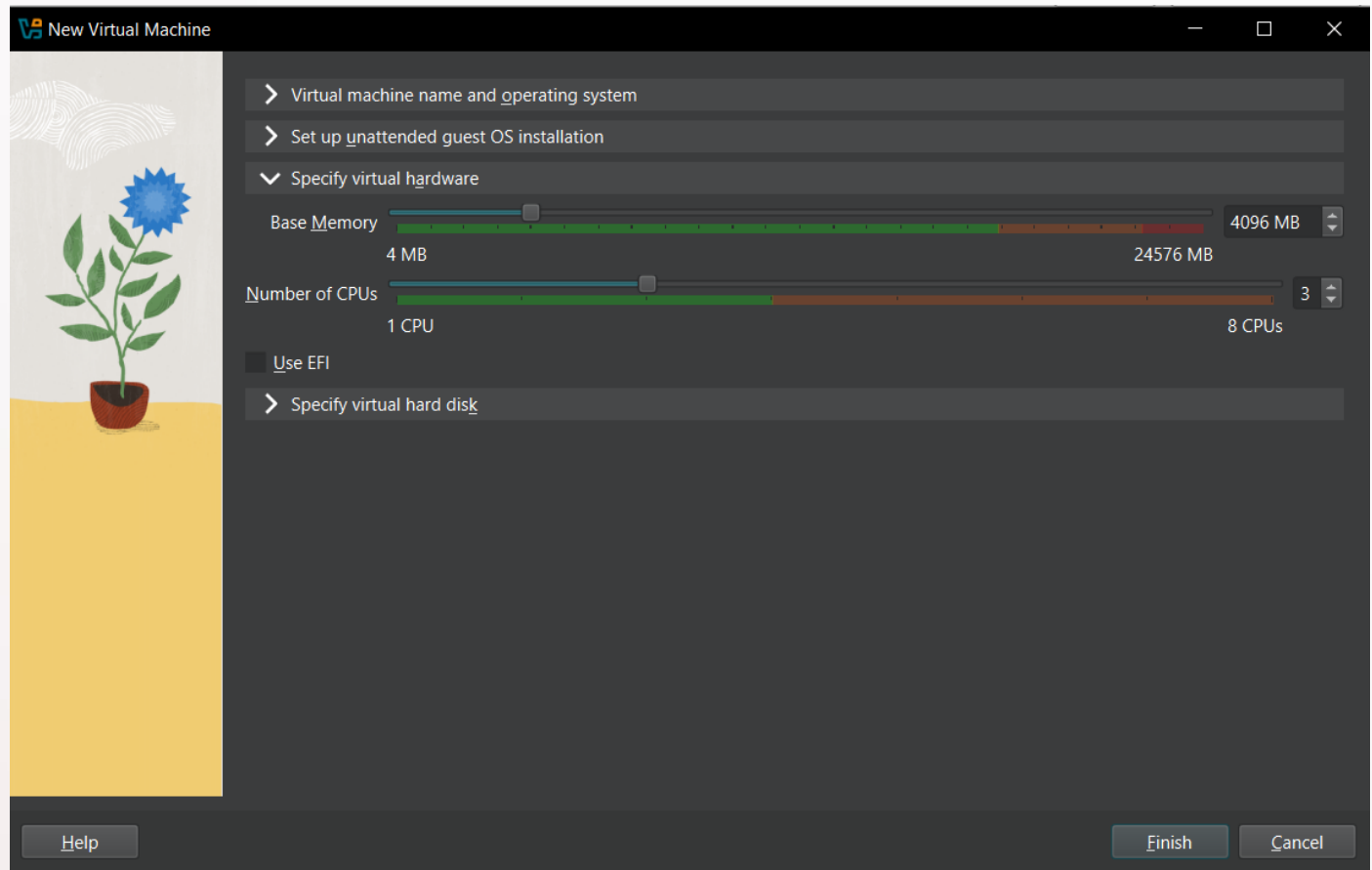


4.

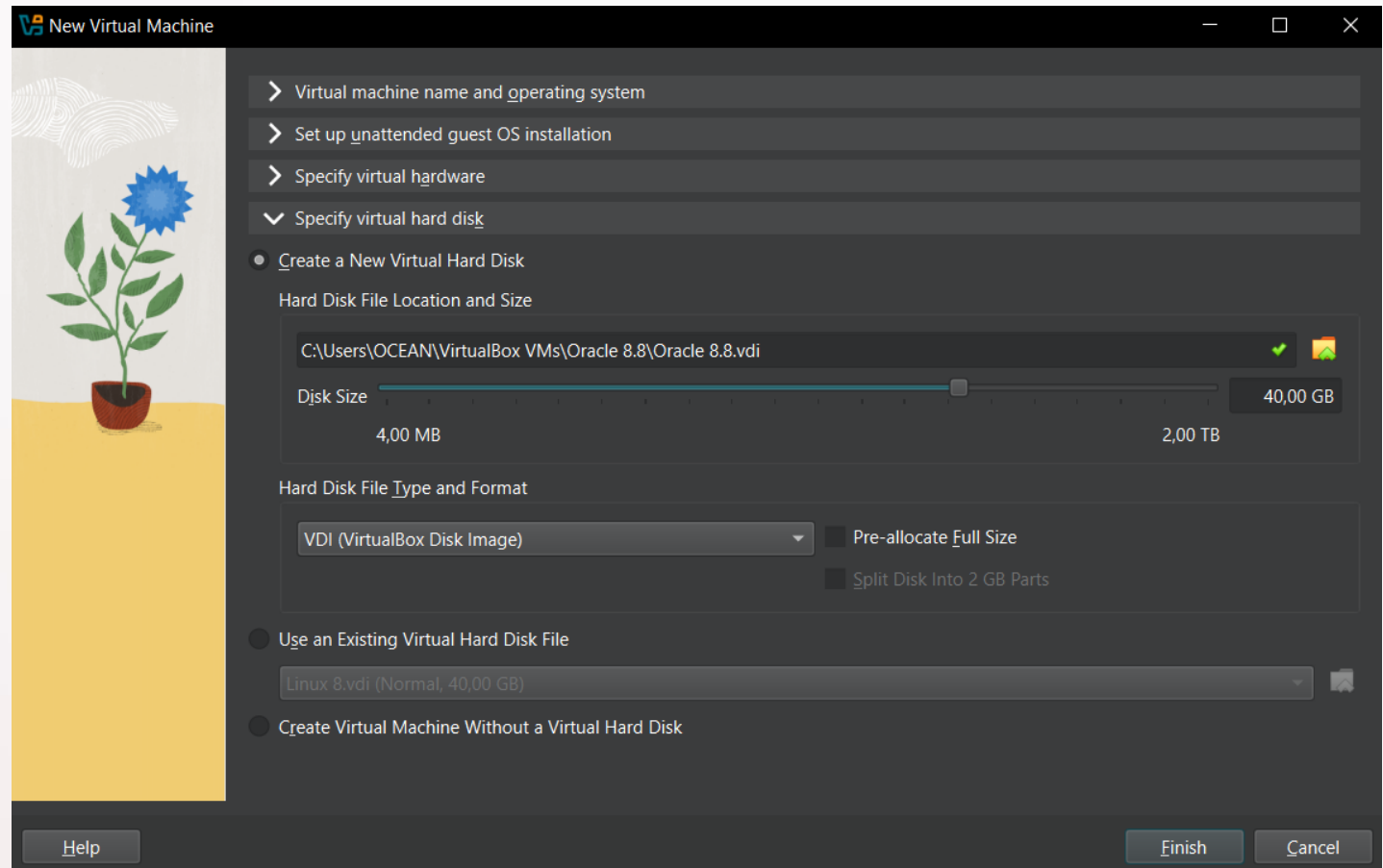
Maka tampilannya akan seperti ini, setelah itu pilih **Specify virtual hardware**



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



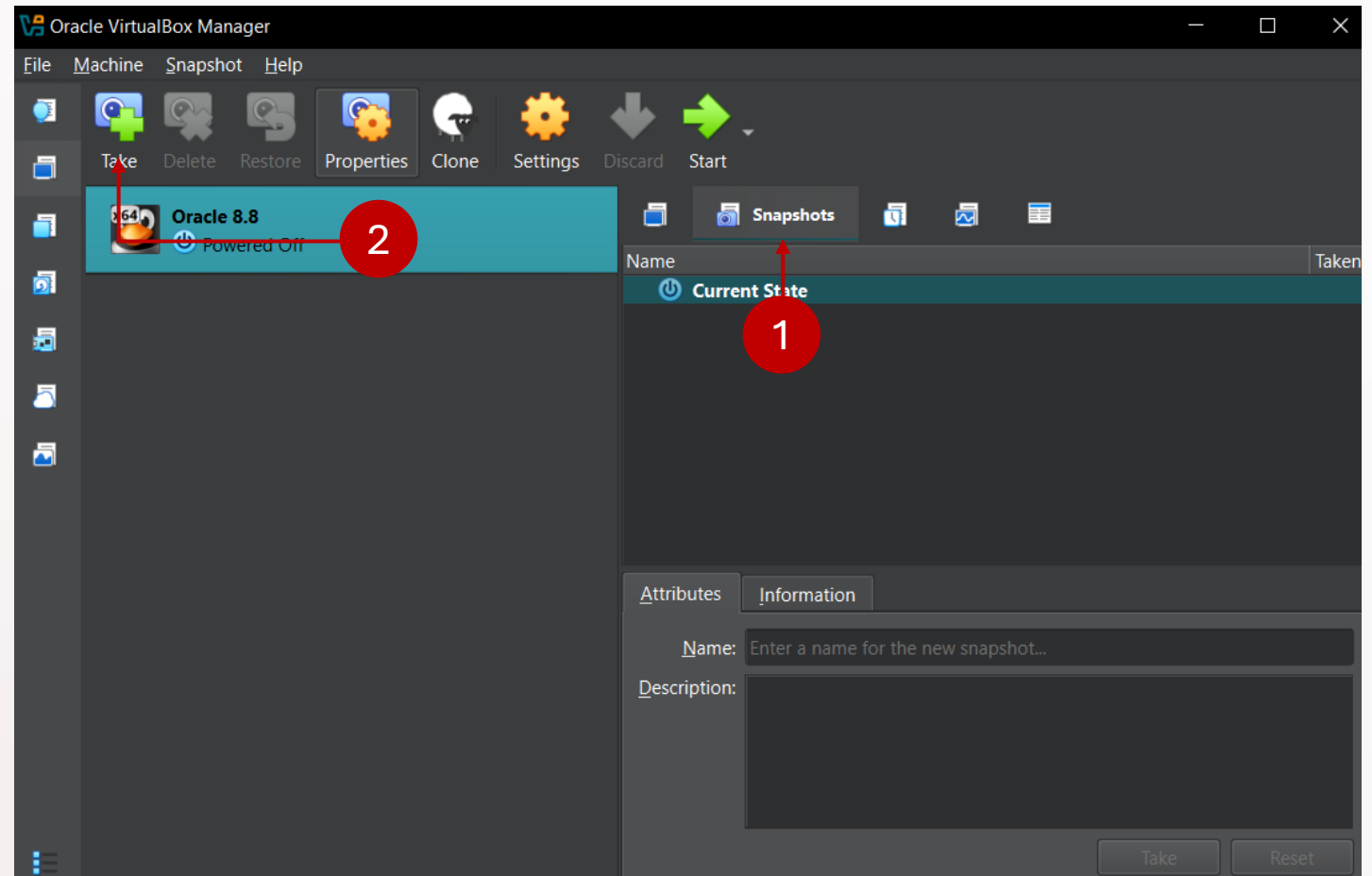
6.
Alokasikan
penyimpanan
sebesar 40GB,
lalu pilih finish



7.

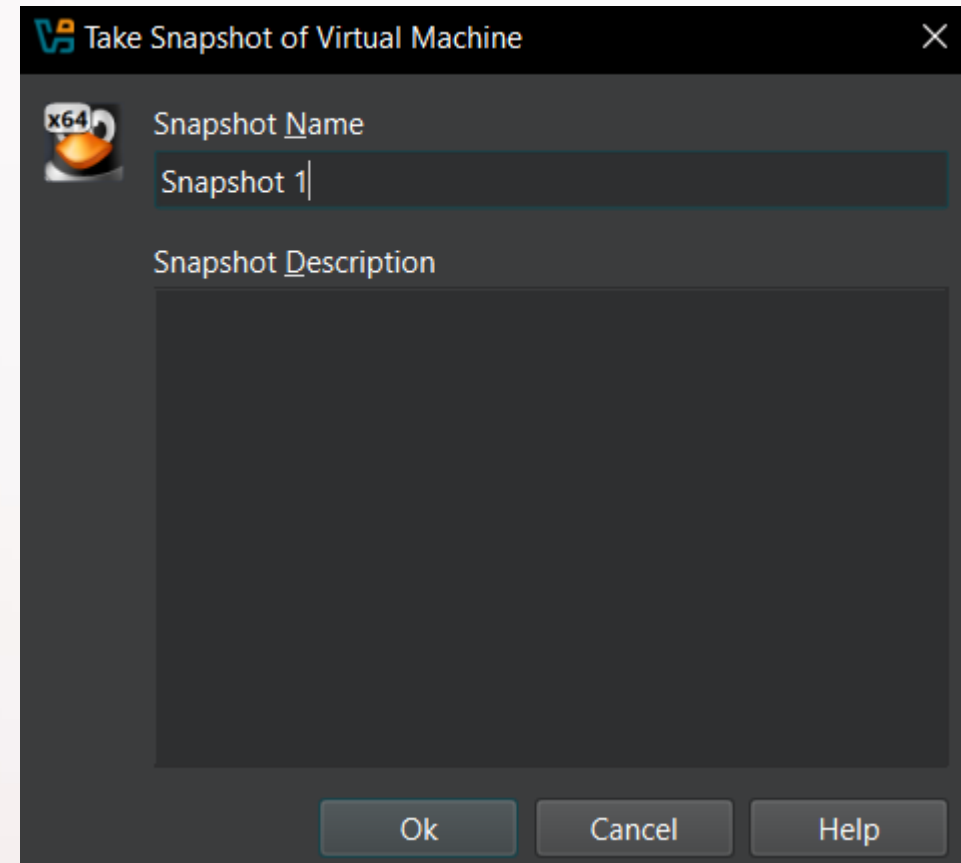
Jangan lupa untuk membuat Snapshots, untuk menyimpan state

Kalau main game, snapshot itu ibarat check point

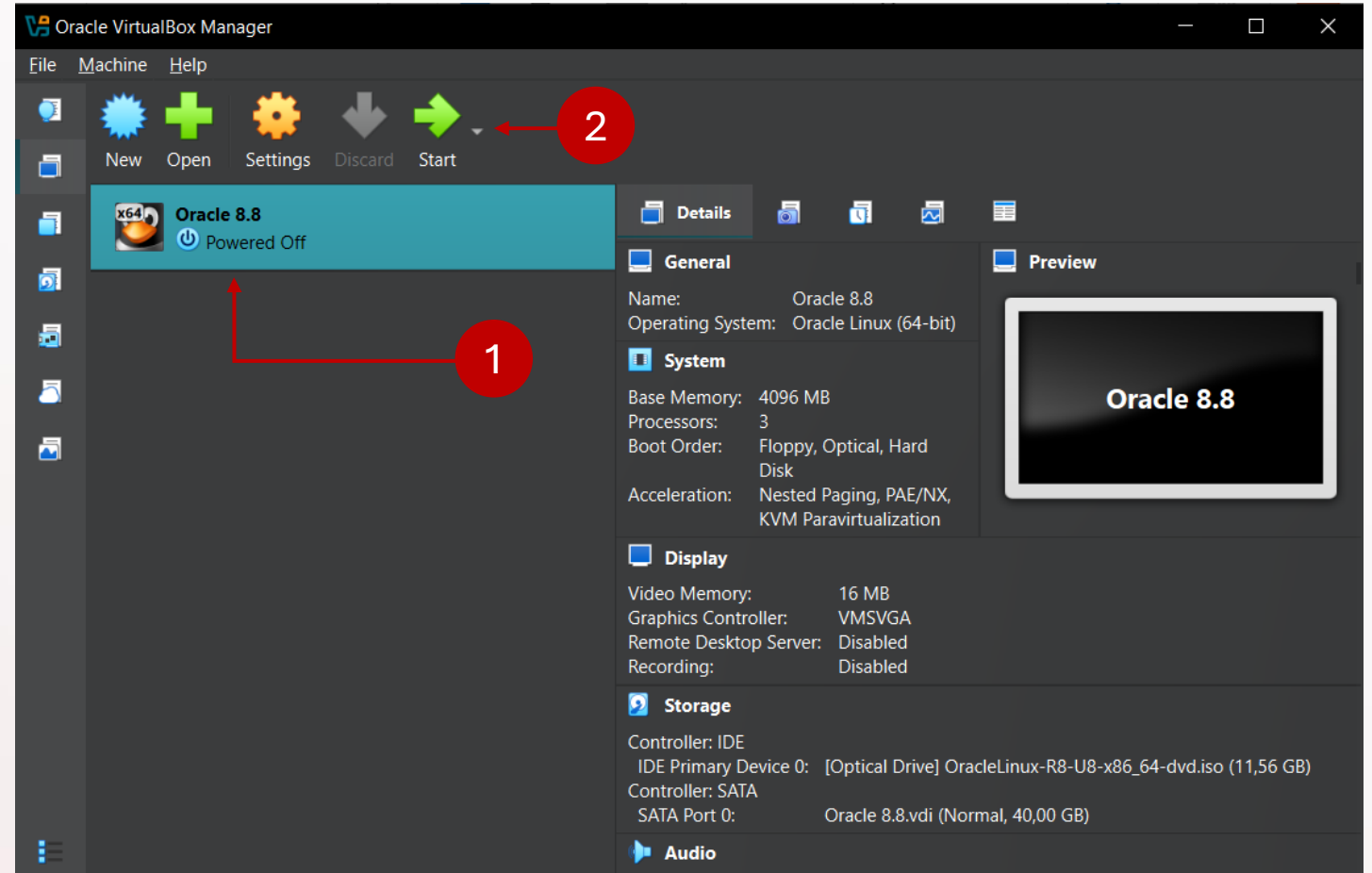


8.

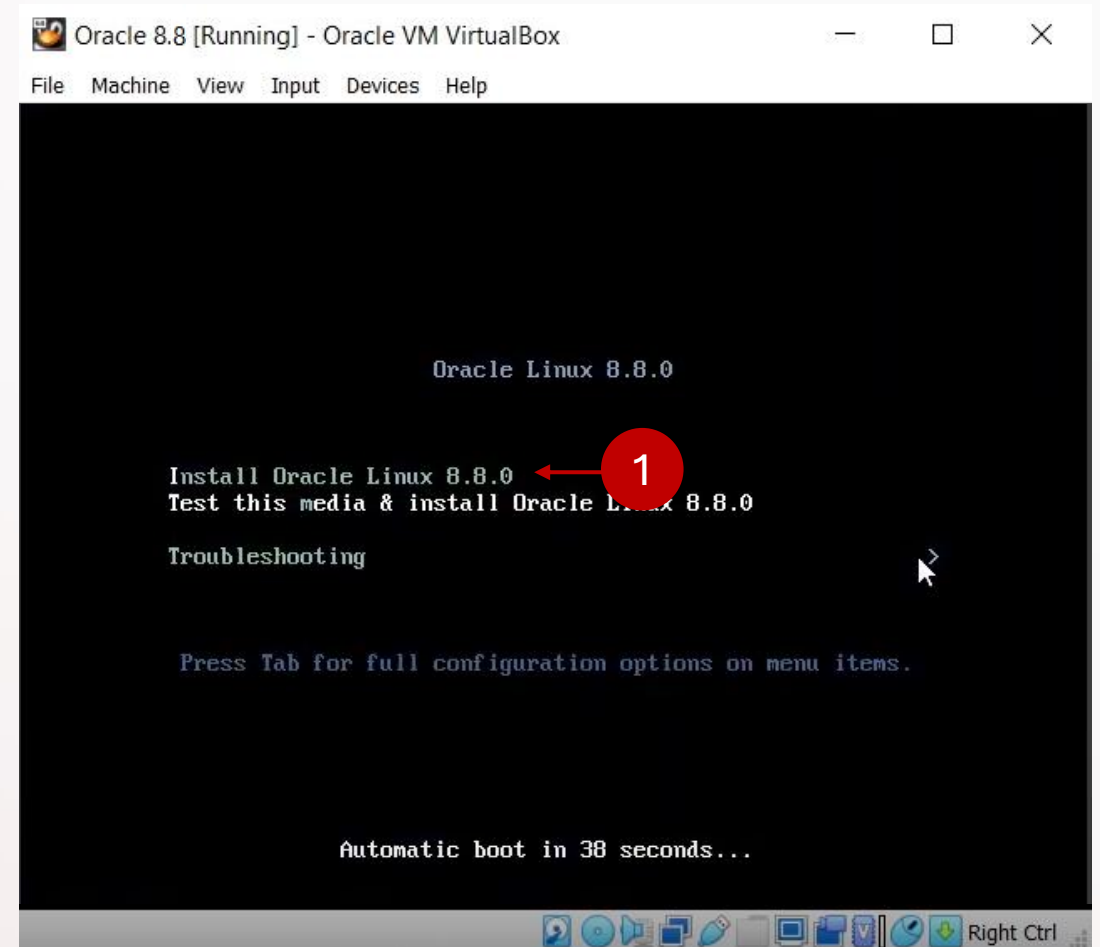
Berikan nama
sesuai kondisi
state terakhir, lalu
klik Ok



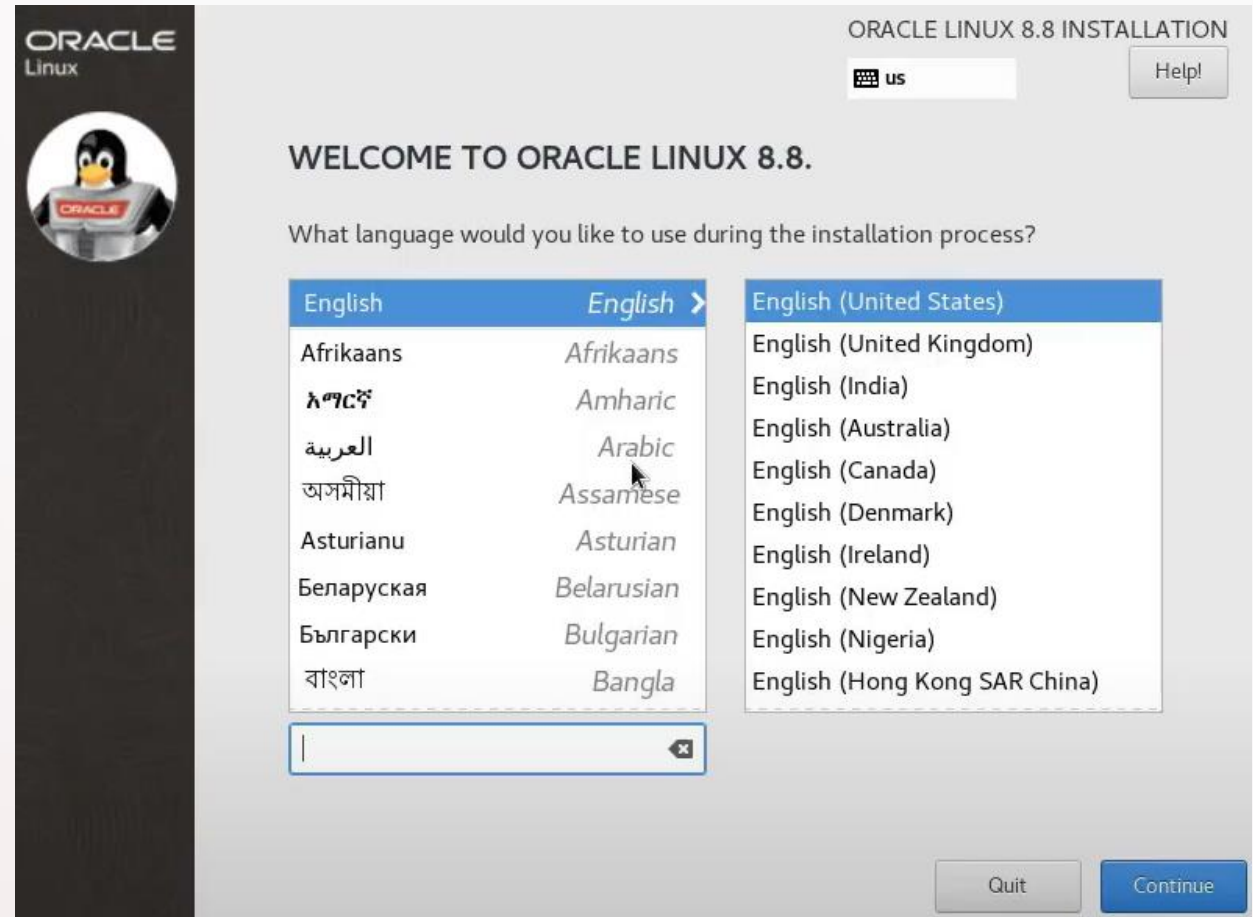
9.
Setelah itu pilih
Oracle 8.8, Lalu
klik Start



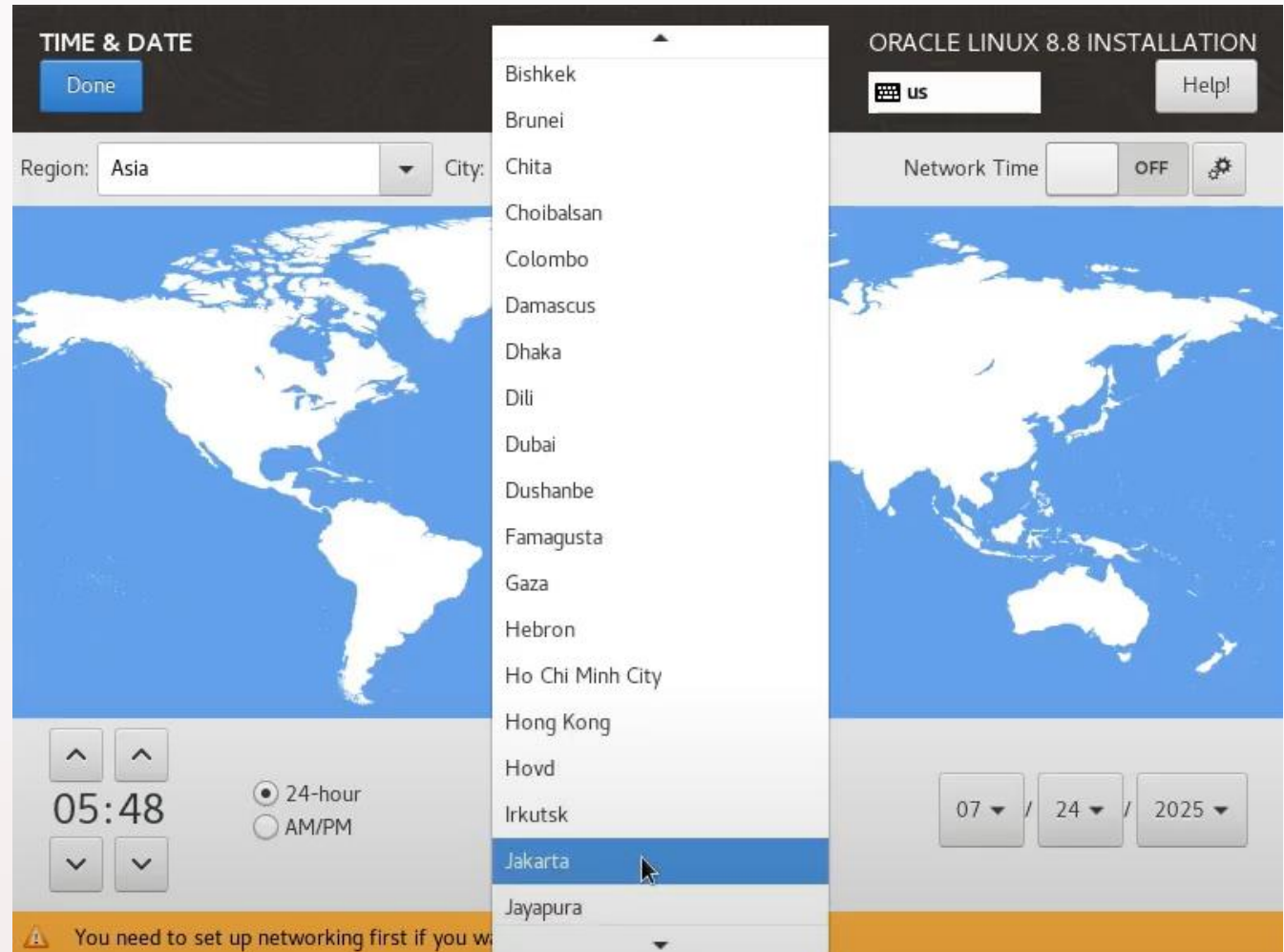
10. Pilih Install Oracle Linux 8.8.0



11. Pilih Bahasa Inggris

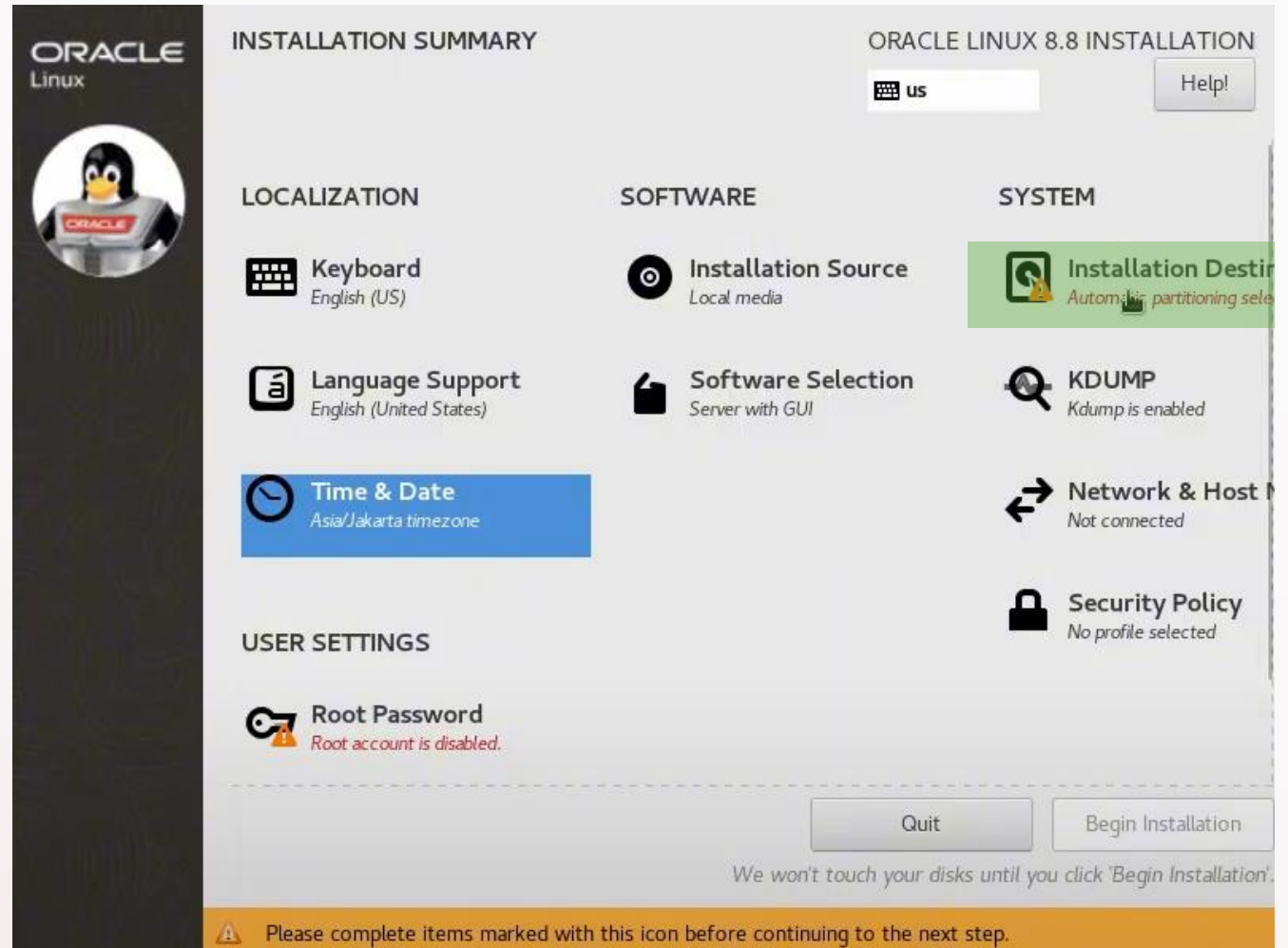


12. Menentukan Time & Date



13.

Setelah itu pilih
**Installation
Destination**



14.

Pastikan ATA
VBOX HARDDISK
telah terpilih, lalu
klik Done

INSTALLATION DESTINATION

ORACLE LINUX 8.8 INSTALLATION

Done

us


Help!

Device Selection

Select the device(s) you'd like to install to. They will be left untouched until you click on the main menu's "Begin Installation" button.

Local Standard Disks

40 GiB



ATA VBOX HARDDISK

sda / 40 GiB free

Disks left unselected here will not be touched.

Specialized & Network Disks

Add a disk...

Disks left unselected here will not be touched.

Storage Configuration

☒ Automatic ☐ Custom

☐ I would like to make additional space available.

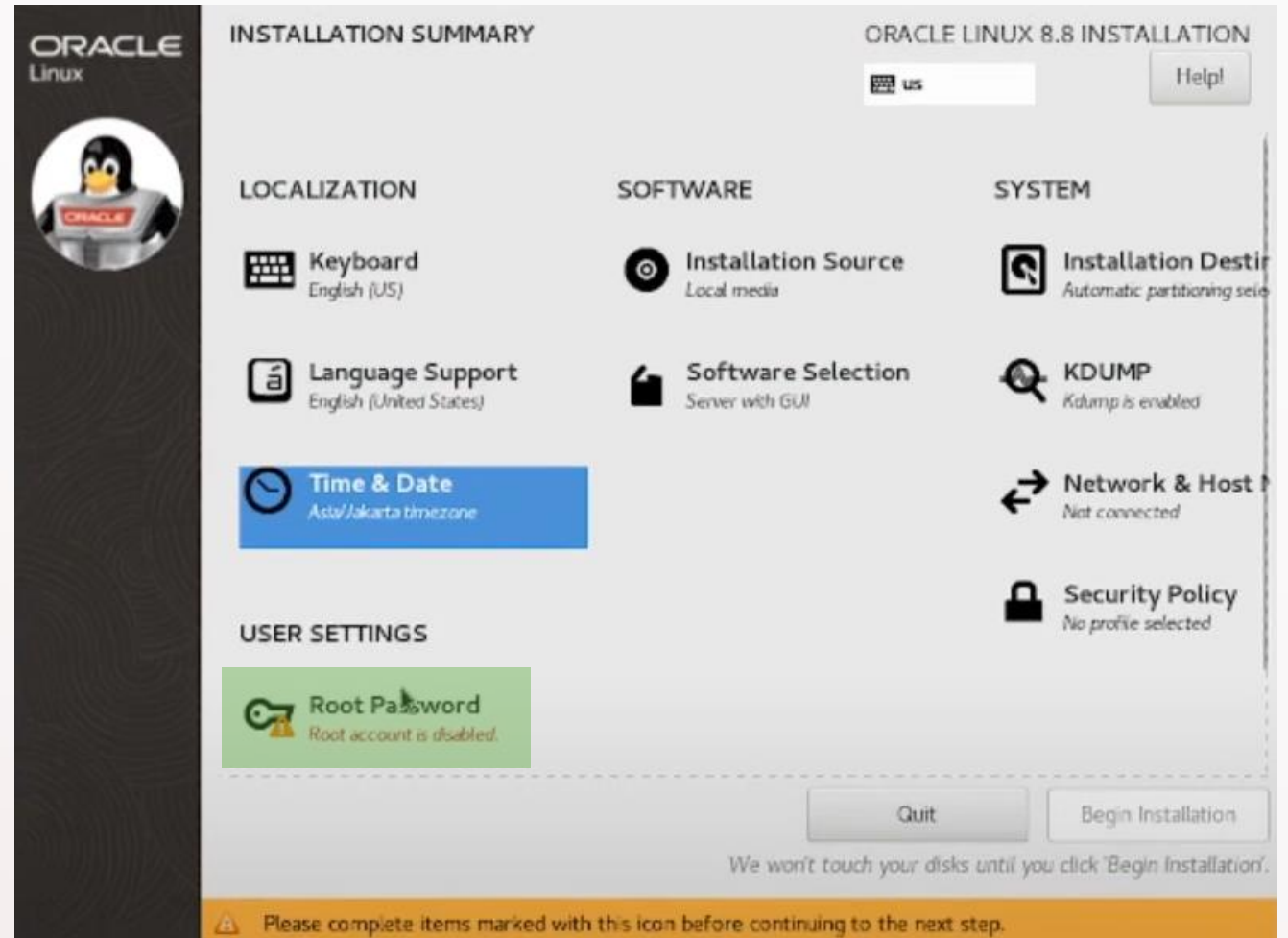
[Full disk summary and boot loader...](#)

1 disk selected; 40 GiB capacity; 40 GiB free [Refresh...](#)

15.

Klik **Root Password** di section **User Settings**

Direkomendasikan agar password = **oracle**



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

ROOT PASSWORD

ORACLE LINUX 8.8 INSTALLATION

Done

us

Help!

The root account is used for administering the system. Enter a password for the root user.

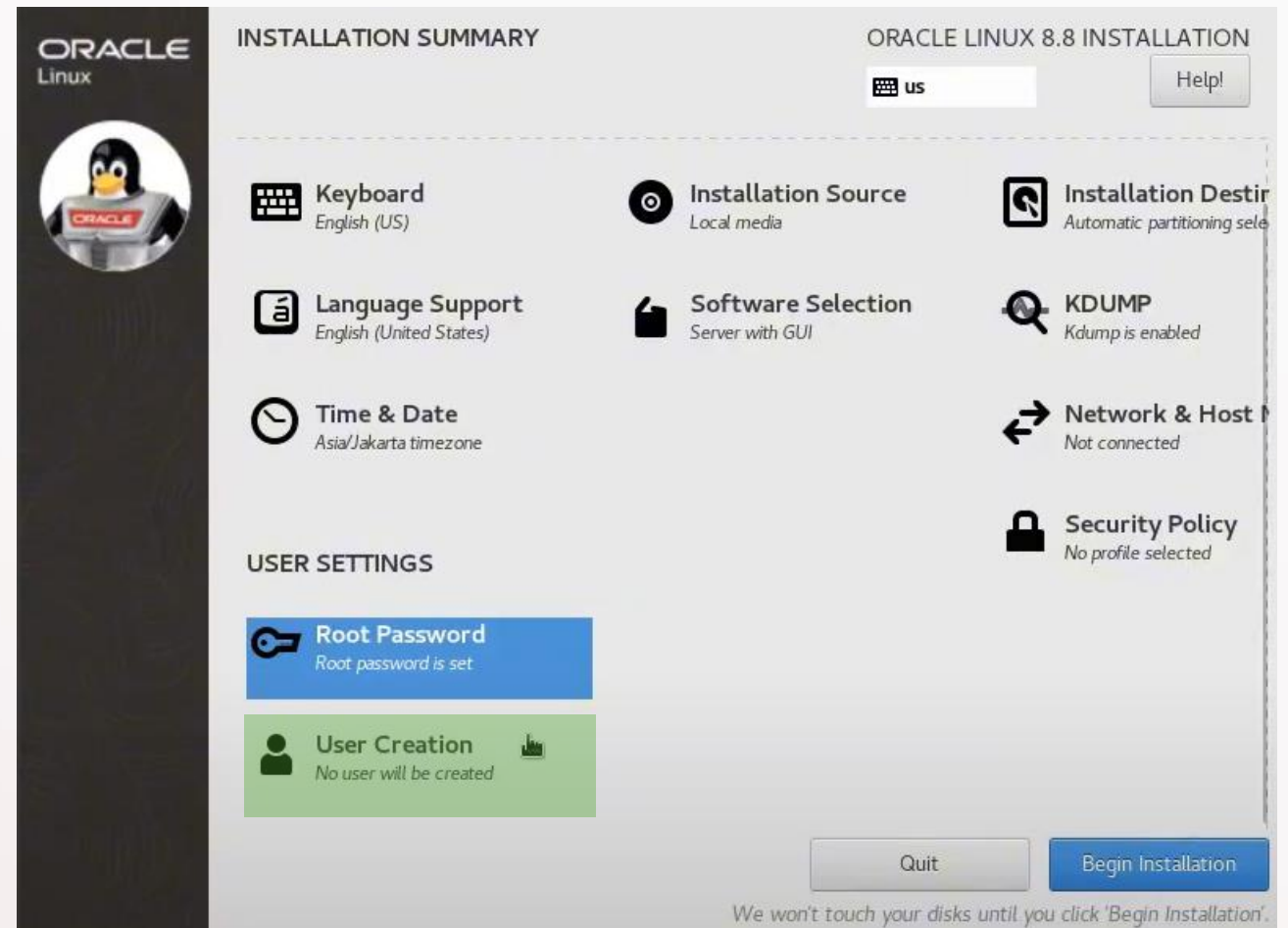
Root Password:

Confirm:

Strong

17.

Pilih User Creation untuk membuat User



18.

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

CREATE USER

ORACLE LINUX 8.8 INSTALLATION

Done

us

Help!

Full name ocean

User name ocean

☐ Make this user administrator

☒ Require a password to use this account

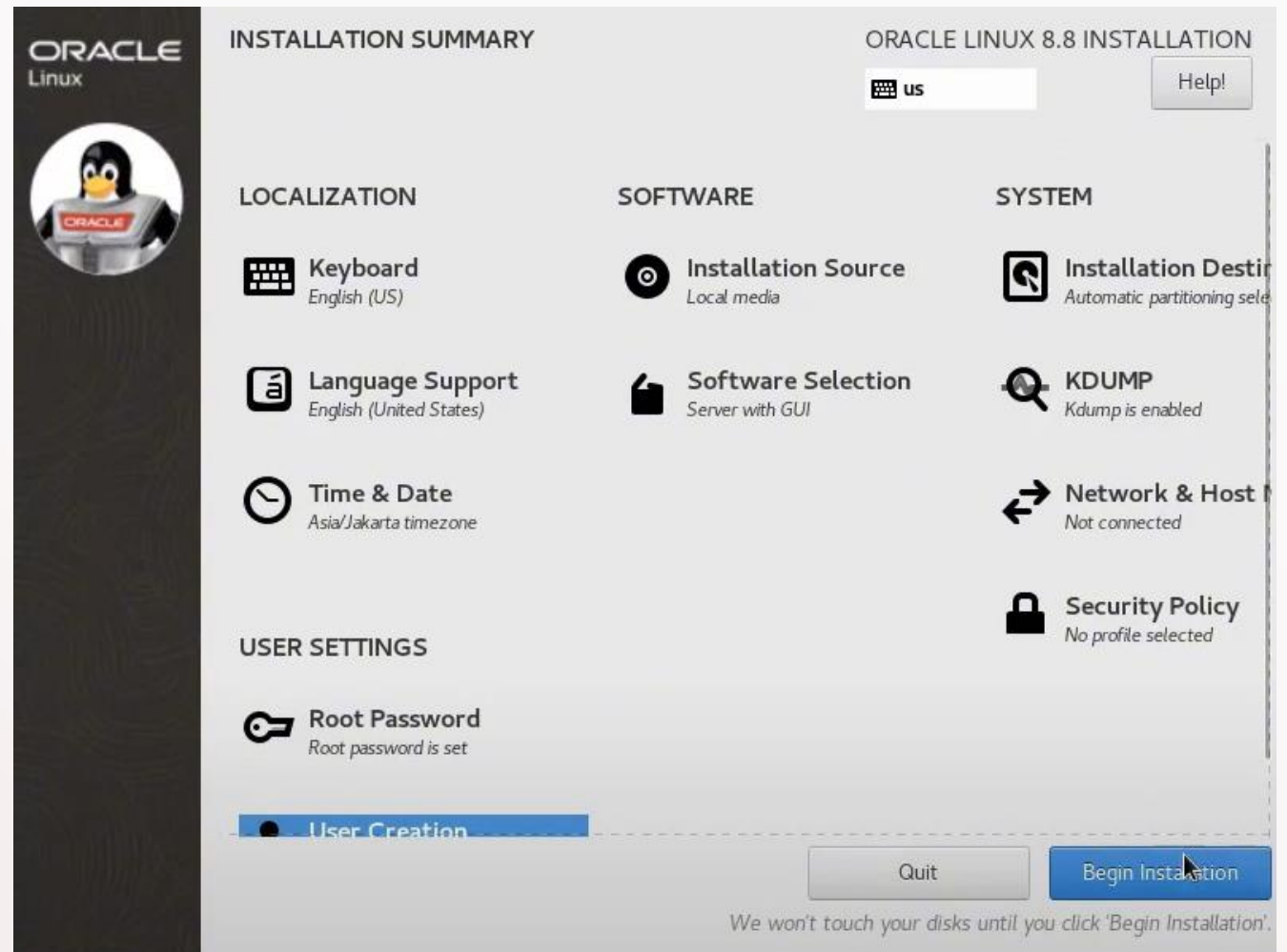
Password

Weak

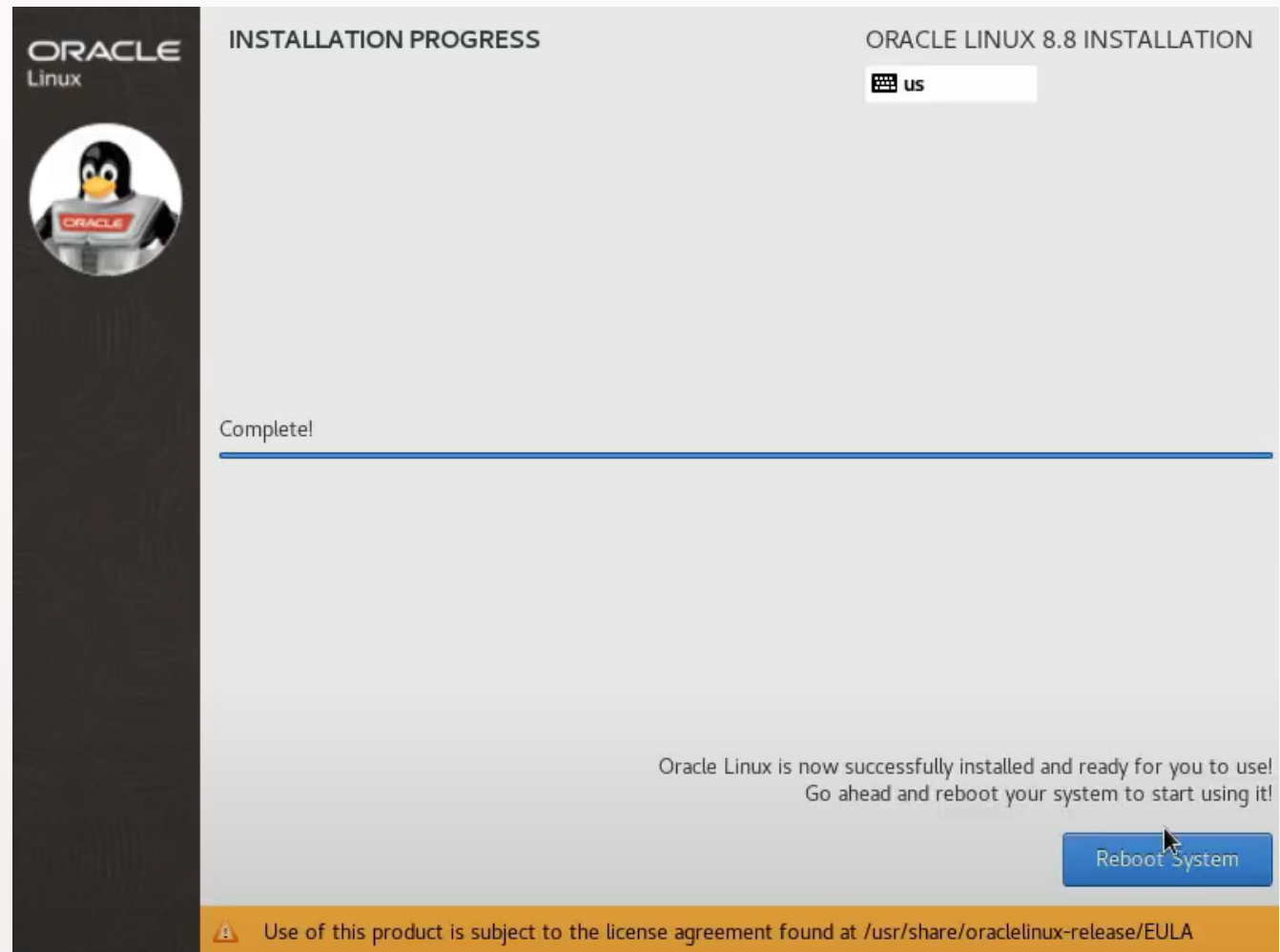
Confirm password

Advanced...

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)**

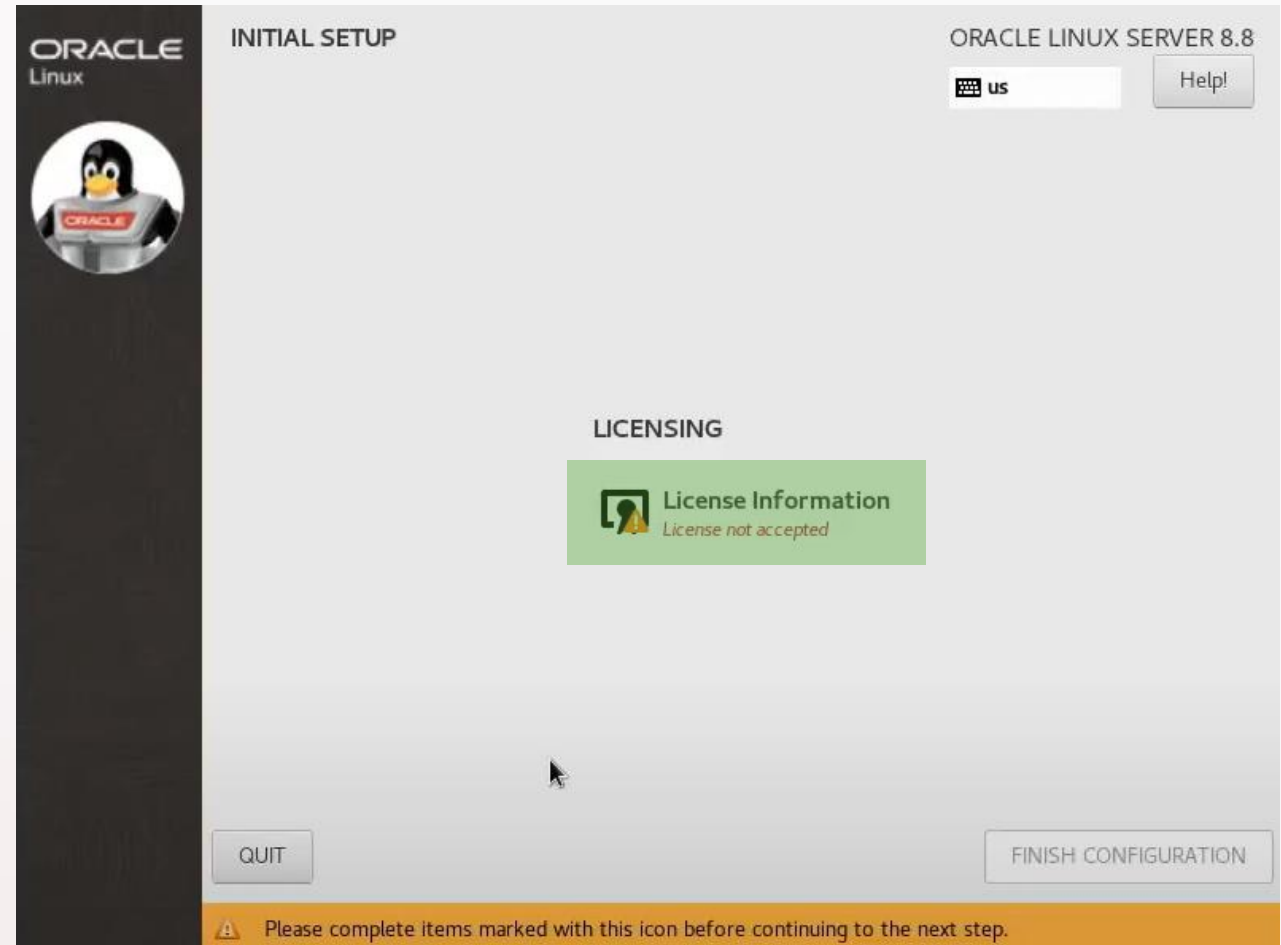
menggunakan
arrow pada
keyboard dan enter

```
Oracle Linux Server 8 (5.15.0-101.103.2.1.el8uek.x86_64)
Oracle Linux Server (4.18.0-477.10.1.el8_8.x86_64) 8.8
Oracle Linux Server 8 (0-rescue-df303dcbe5234a79bf33d2301b04e08e)
```

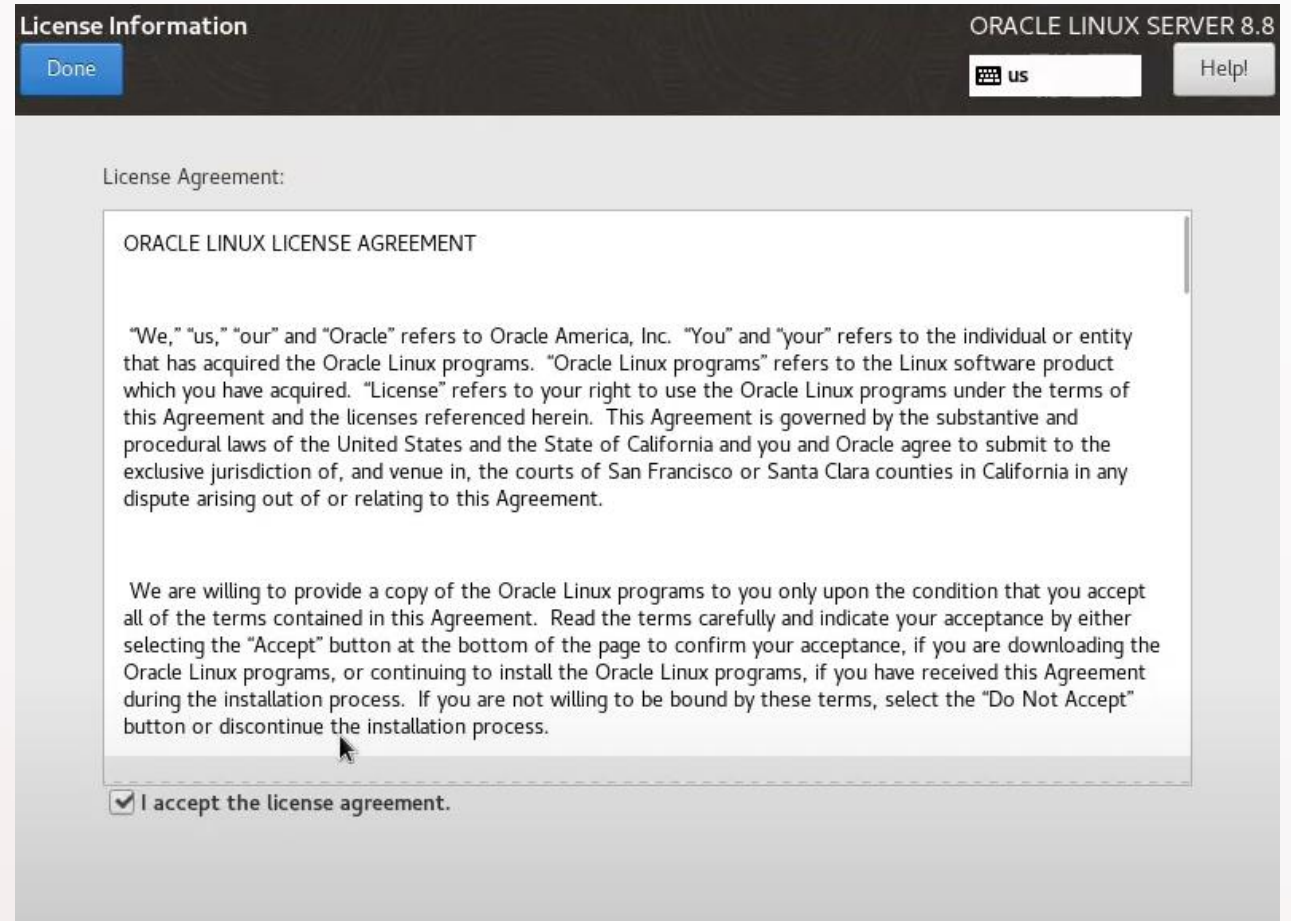
```
Use the ↑ and ↓ keys to change the selection.
Press 'e' to edit the selected item, or 'c' for a command prompt.
The selected entry will be started automatically in 1s.
```



22. Klik bagian License Information



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



License Information

ORACLE LINUX SERVER 8.8

Done

Help!

License Agreement:

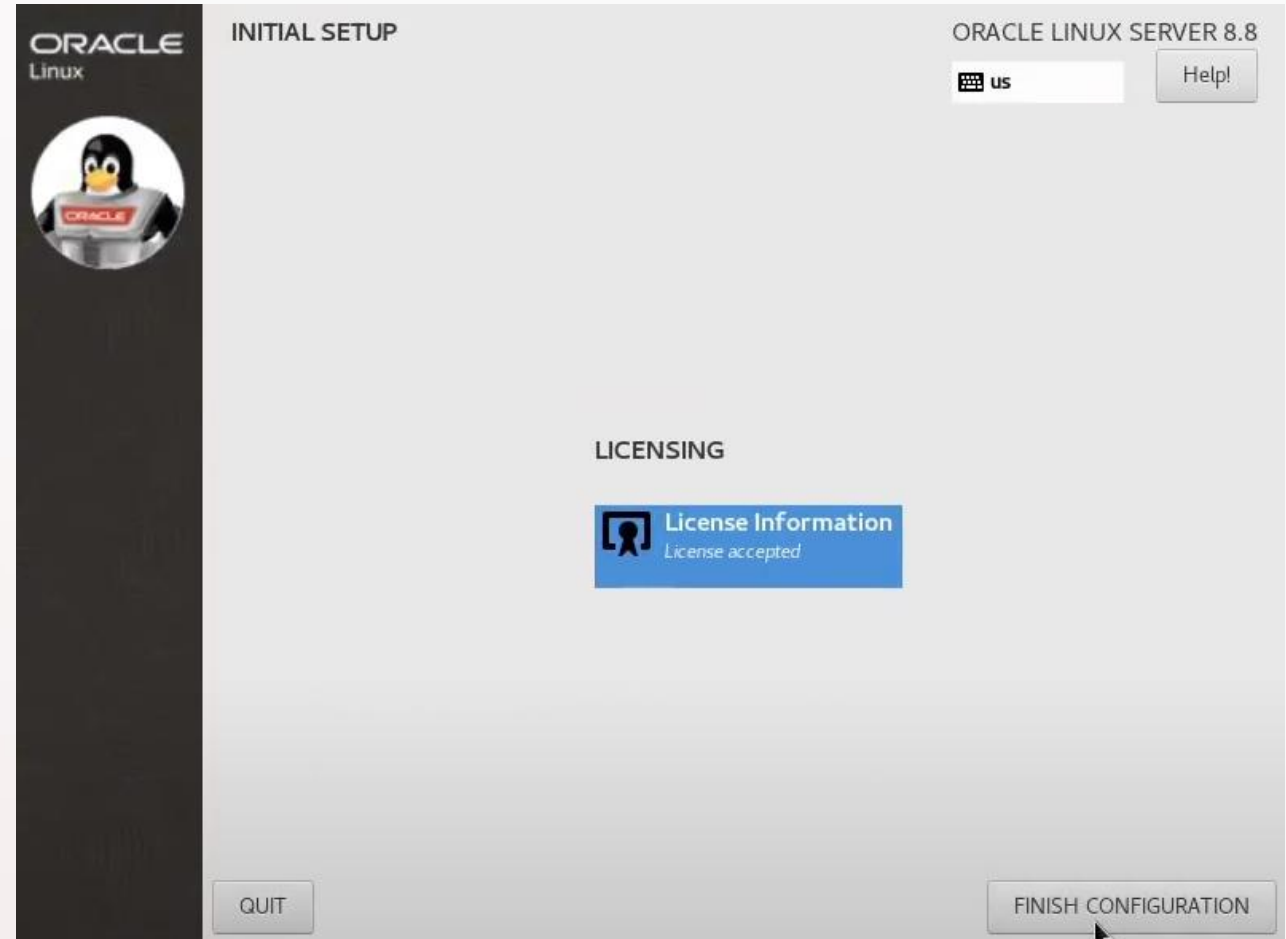
ORACLE LINUX LICENSE AGREEMENT

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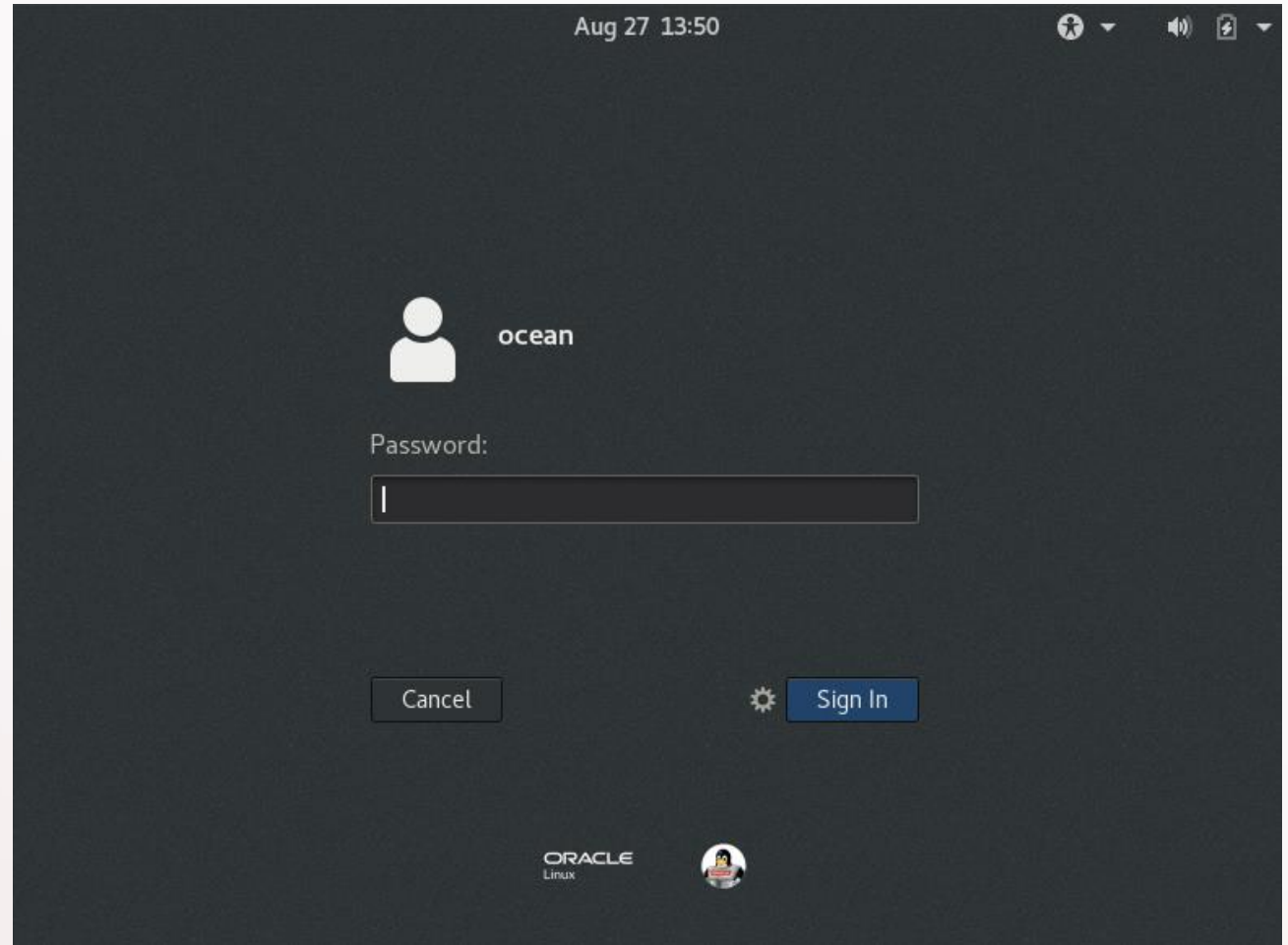
☒ I accept the license agreement.

24. Klik Finish Configuration



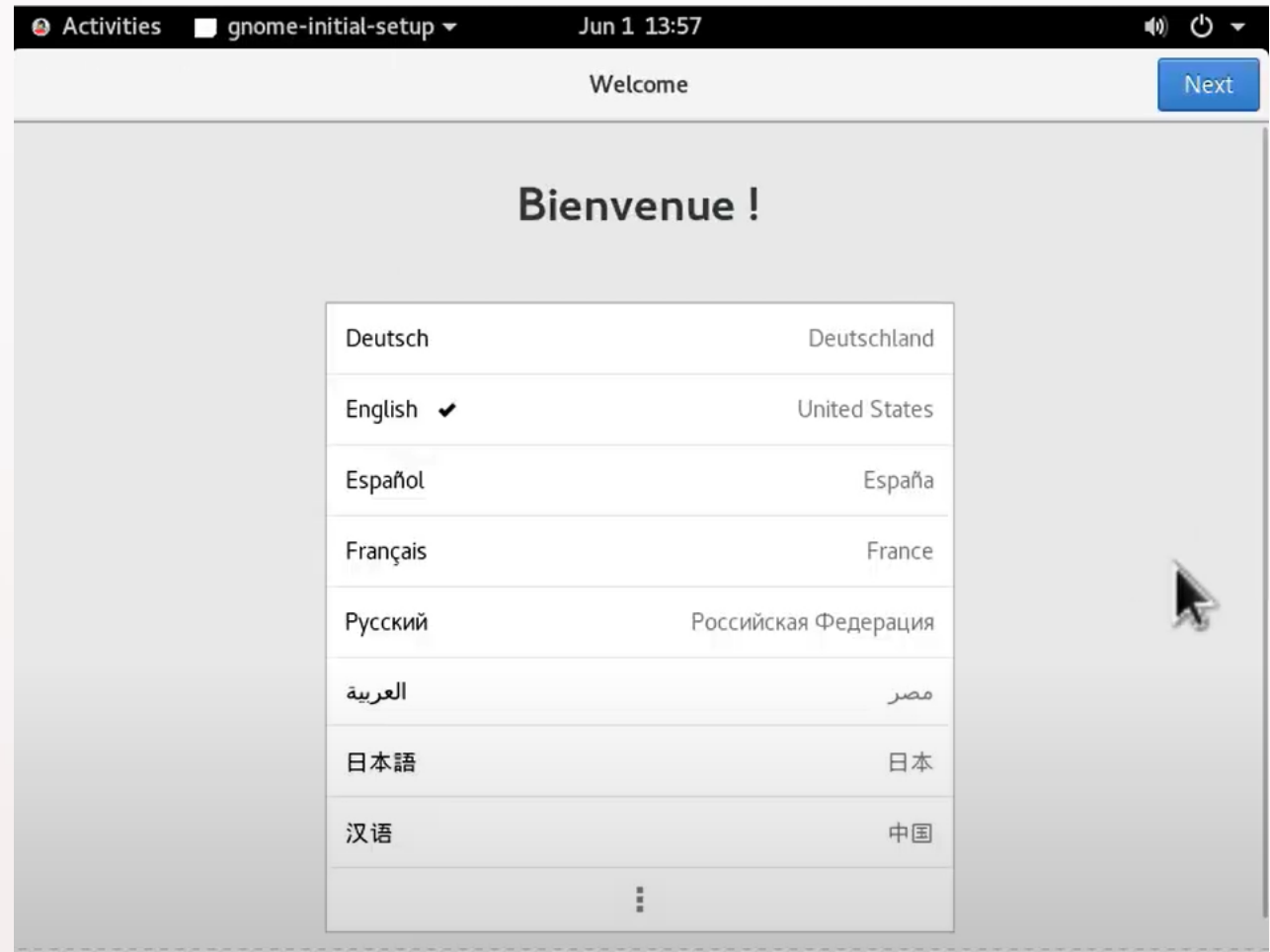
25.

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

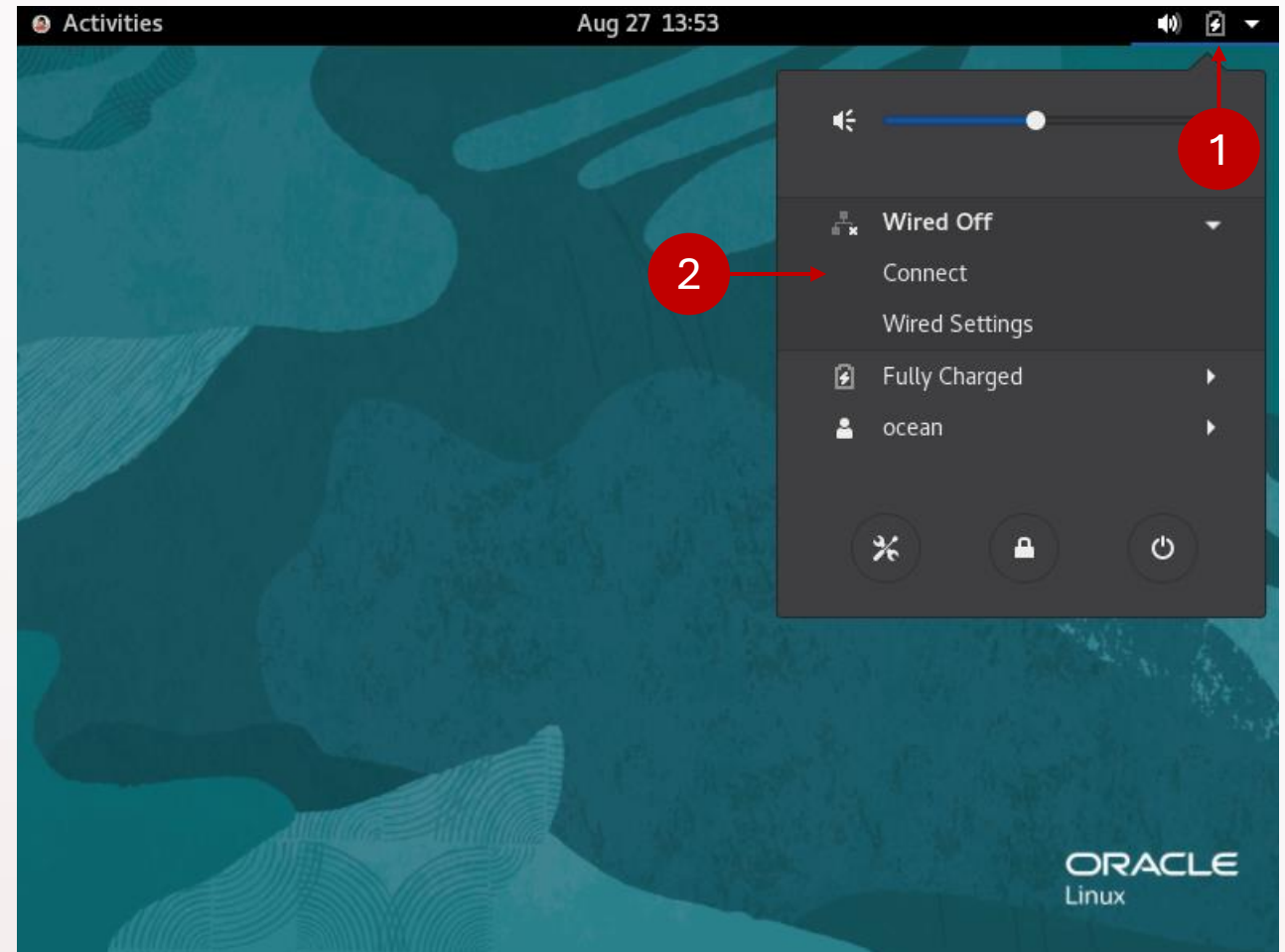


26.

Lakukan beberapa
penyesuaian
singkat, cukup
next-next saja



27.
Pastikan untuk
terkoneksi dengan
jaringan

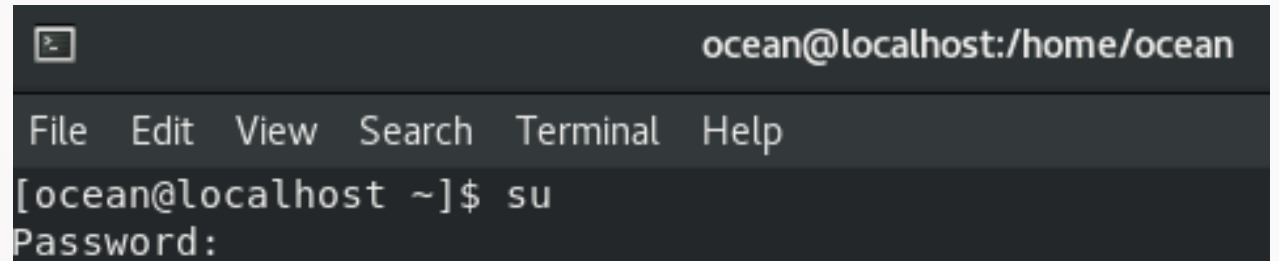


28.
Pilih Activities, lalu
klik Terminal



29.

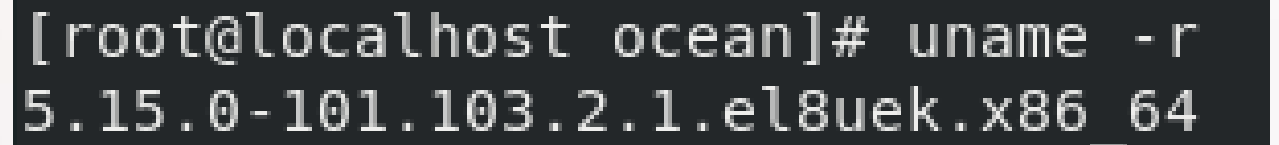
Masuk ke Super User dengan command su

A terminal window with a dark background. The title bar shows a window icon and the text 'ocean@localhost:/home/ocean'. The menu bar includes 'File', 'Edit', 'View', 'Search', 'Terminal', and 'Help'. The command prompt is '[ocean@localhost ~]\$'. The user has entered 'su' and the prompt has changed to 'Password:'.

```
ocean@localhost:/home/ocean
File Edit View Search Terminal Help
[ocean@localhost ~]$ su
Password:
```

30.

Command untuk menampilkan versi kernel Linux (optional)

A terminal window with a dark background. The command prompt is '[root@localhost ocean]#'. The user has entered 'uname -r' and the output is '5.15.0-101.103.2.1.el8uek.x86_64'.

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


Masukkan kode ini ke Terminal Linux

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

Setelah selesai,
close terminal

```
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
```

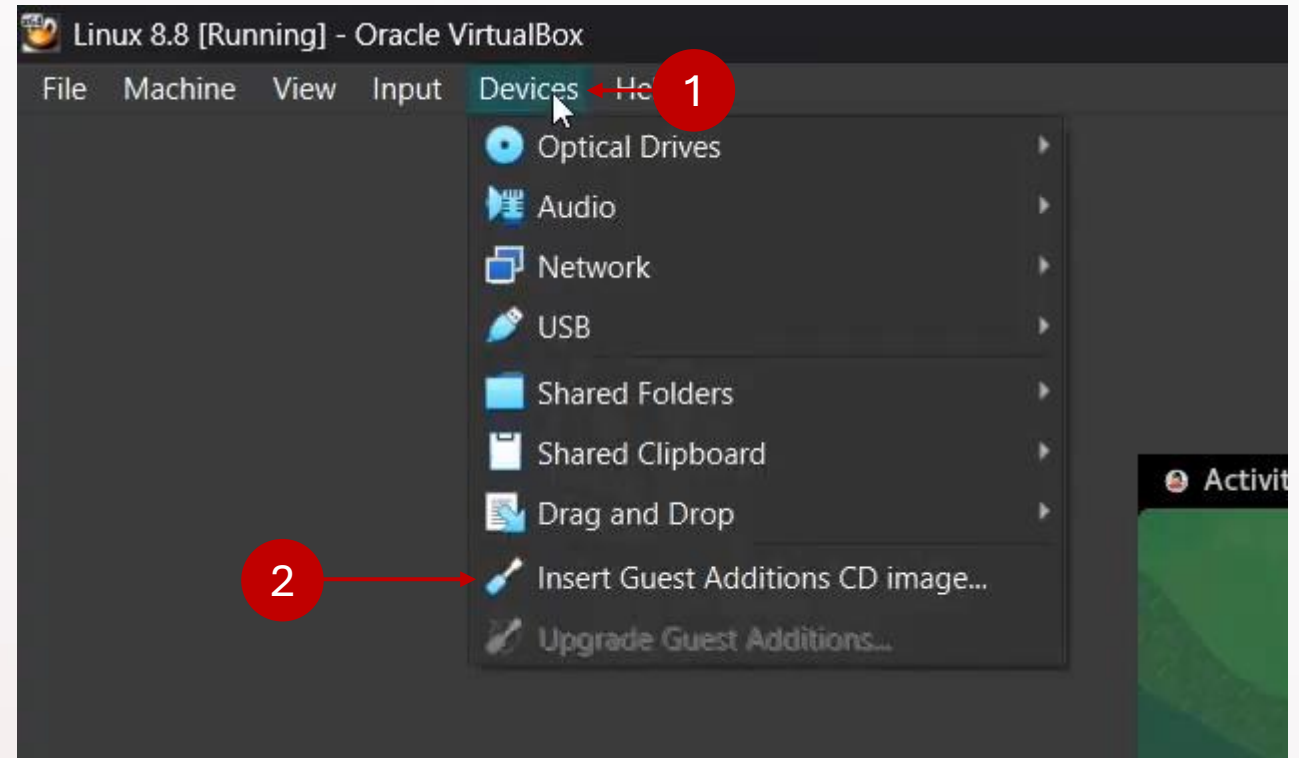


(27/195):	perl-Compress-Raw-Bzip2-2.081-1.el8.x	80 kB/s	40 kB	00:00
(28/195):	perl-Compress-Raw-Zlib-2.081-1.el8.x8	186 kB/s	68 kB	00:00
(29/195):	perl-IO-Compress-2.081-1.el8.noarch.r	1.0 MB/s	258 kB	00:00
(30/195):	perl-IO-Zlib-1.10-422.el8.noarch.rpm	188 kB/s	81 kB	00:00
(31/195):	perl-Text-Diff-1.45-2.el8.noarch.rpm	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



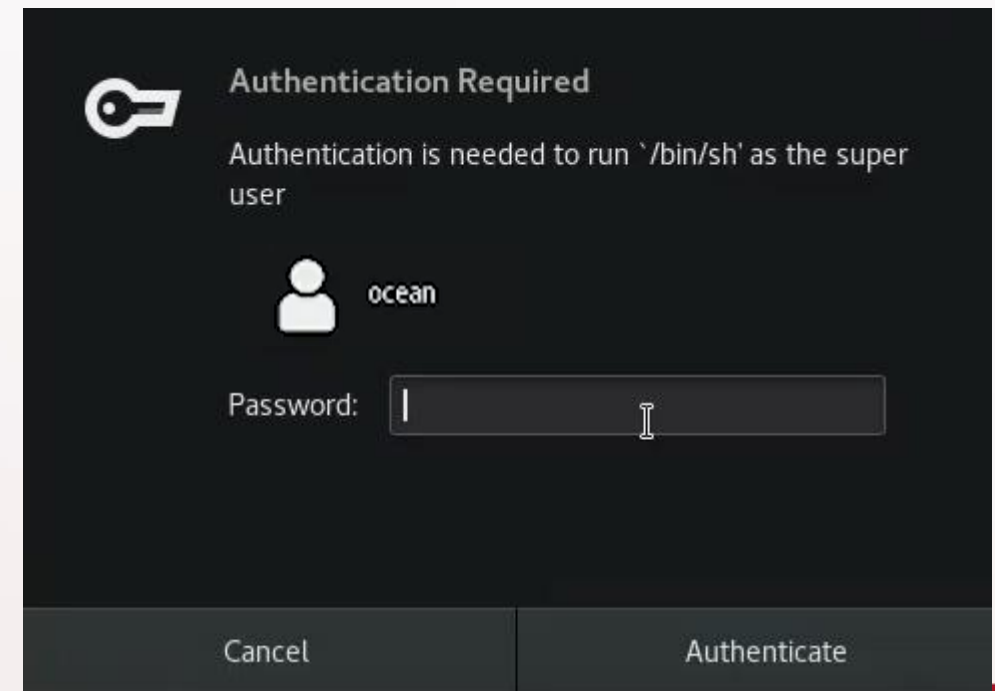
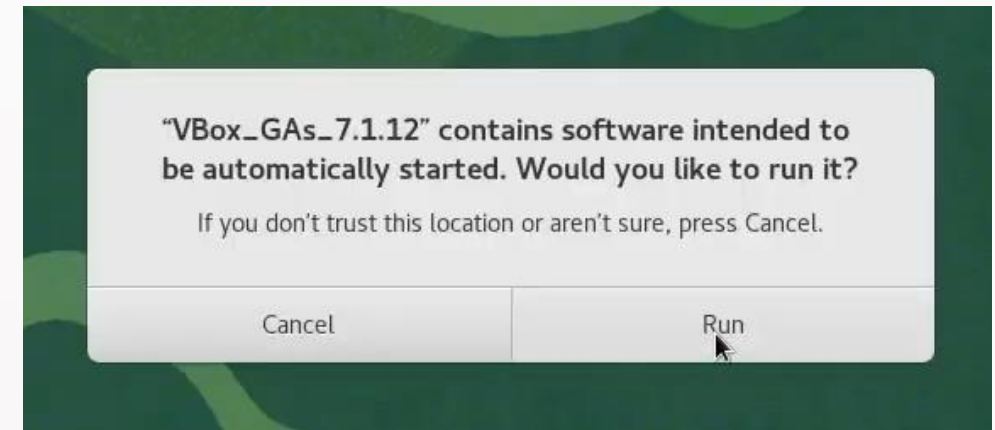
32.

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



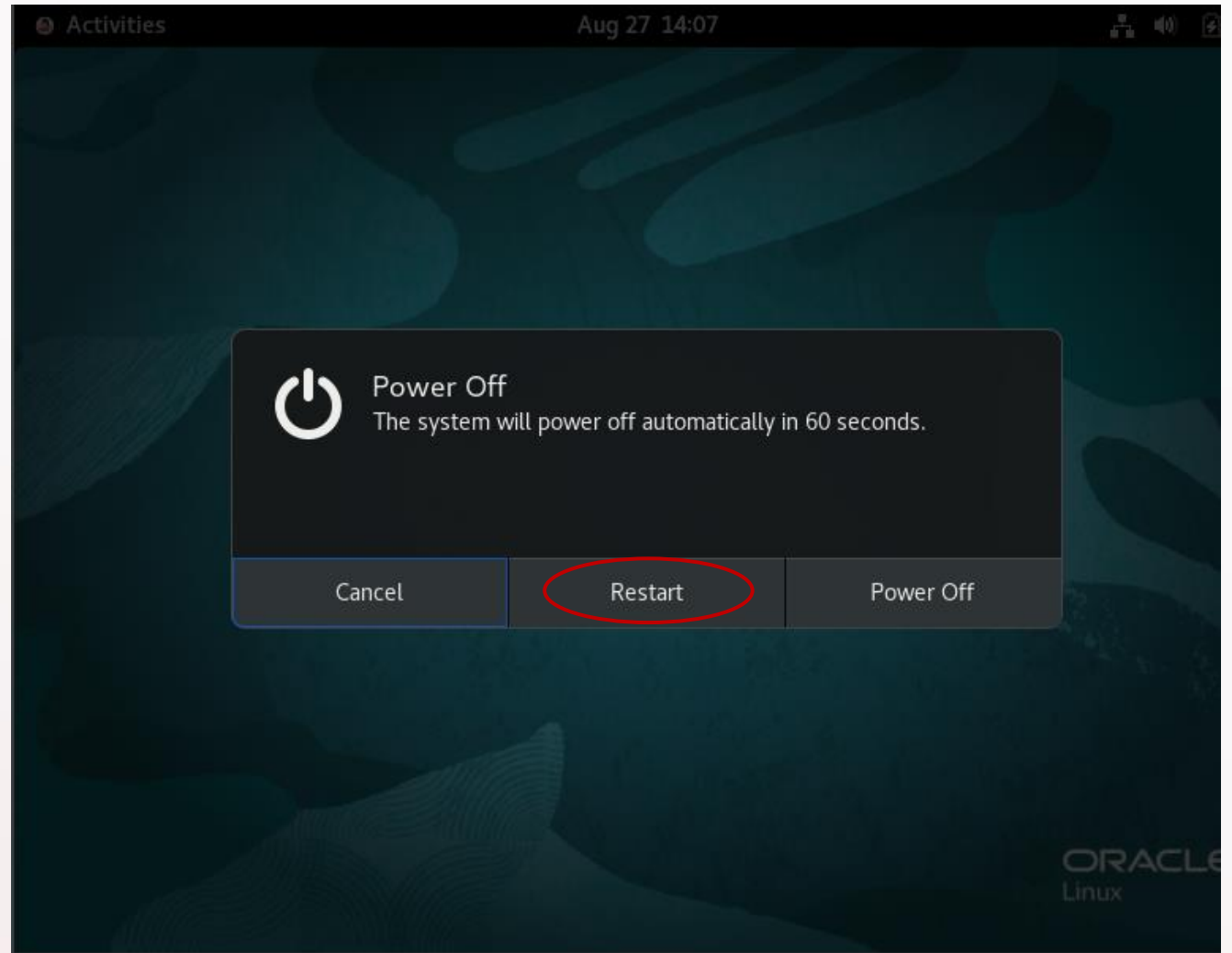
33.

Klik Run, dan
untuk autentifikasi
diperlukan untuk
memasukkan
password lagi



34.

Setelah prosesnya selesai, bisa langsung menutup terminal dan melakukan restart



35.

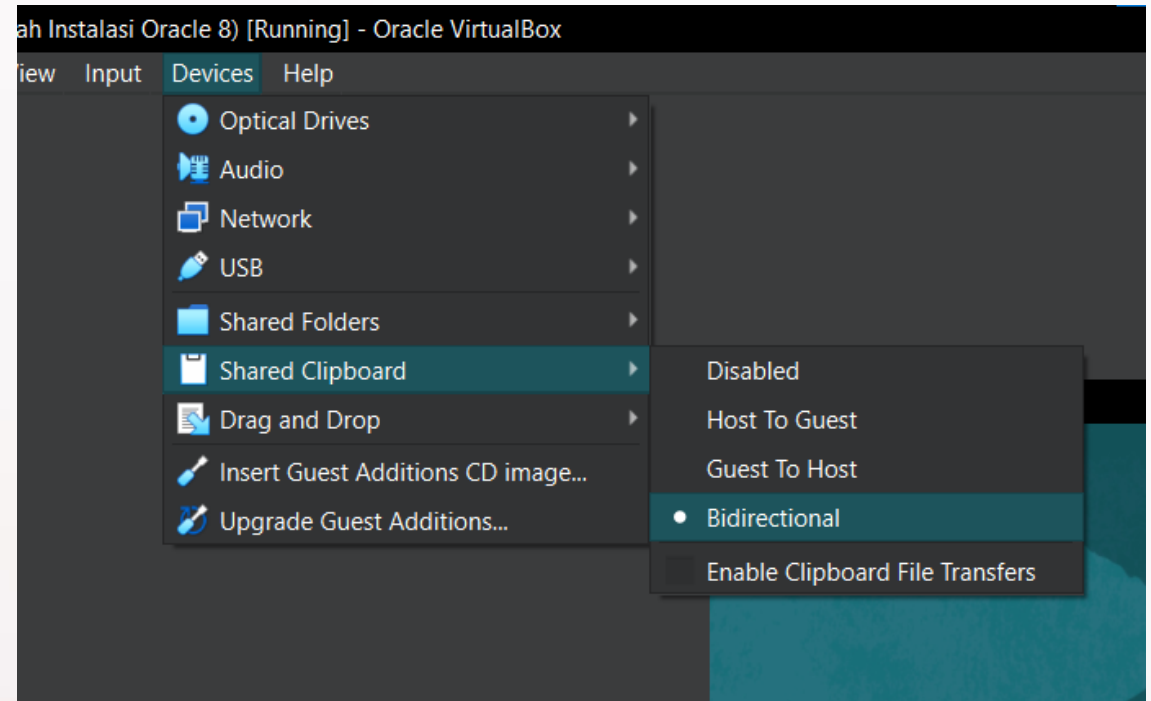
Setelah restart pilih

Devices > Shared

Clipboard >

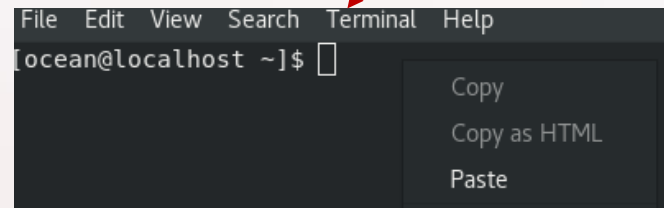
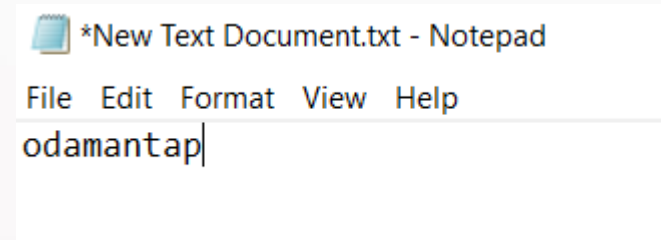
Bidirectional

untuk mengaktifkan fitur
copy paste antar OS

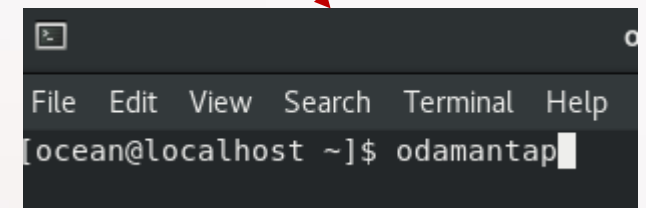


36.
Silahkan
melakukan testing
dengan copy text
dari OS Windows
dan paste ke
Oracle Linux

Copy text dari Windows



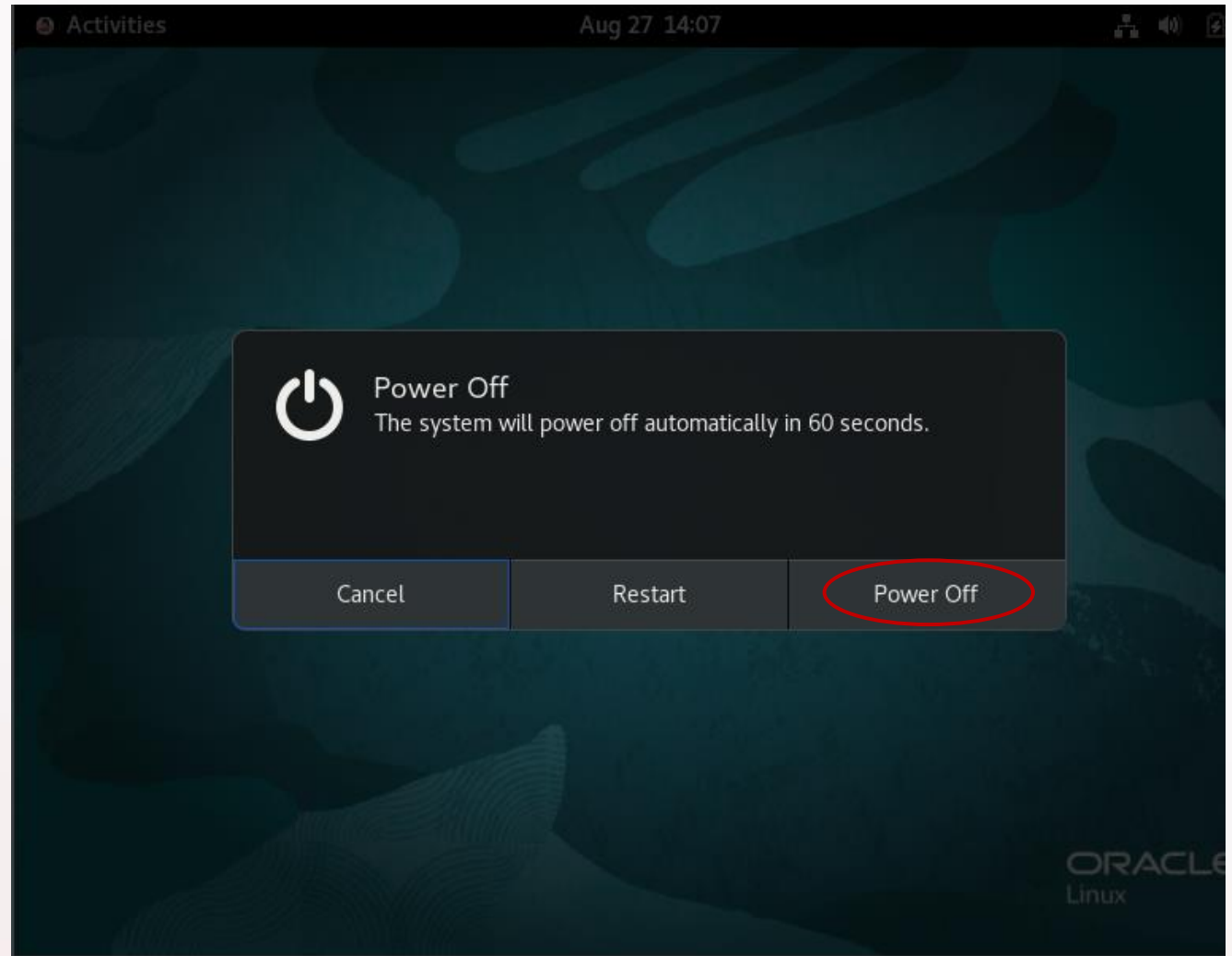
Klik kanan > Paste



Atau CTRL + SHIFT + V

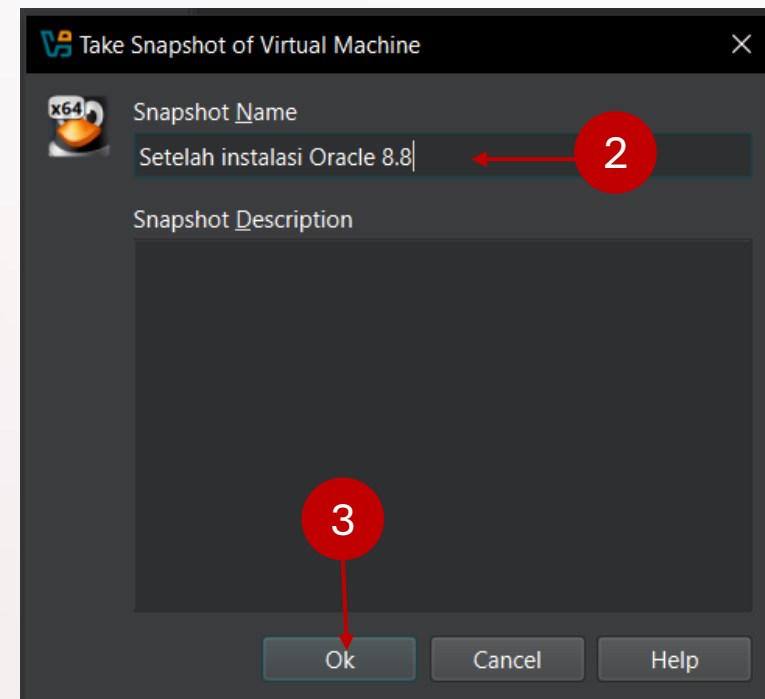
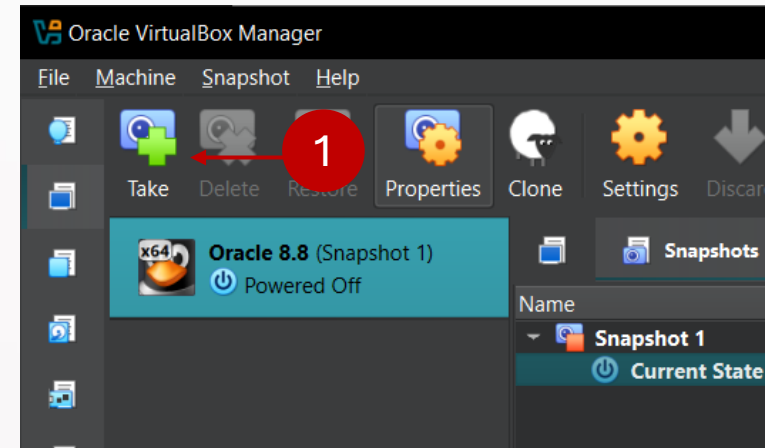
37.

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

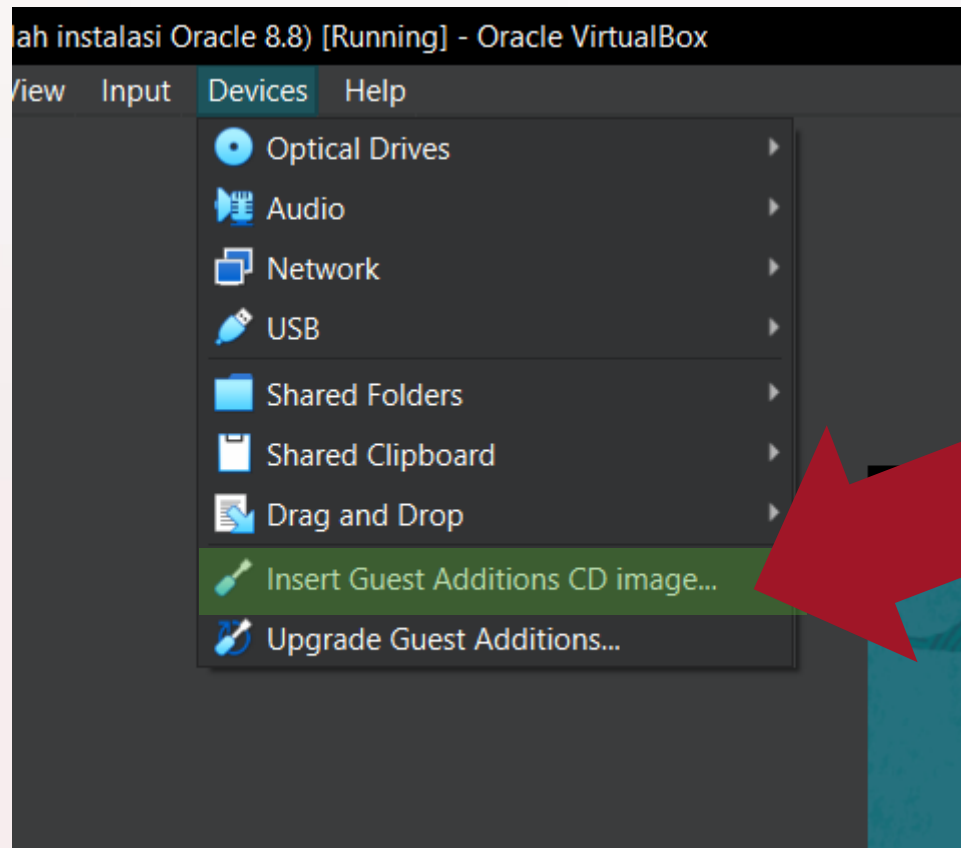


38.

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



Kendala yg mungkin terjadi

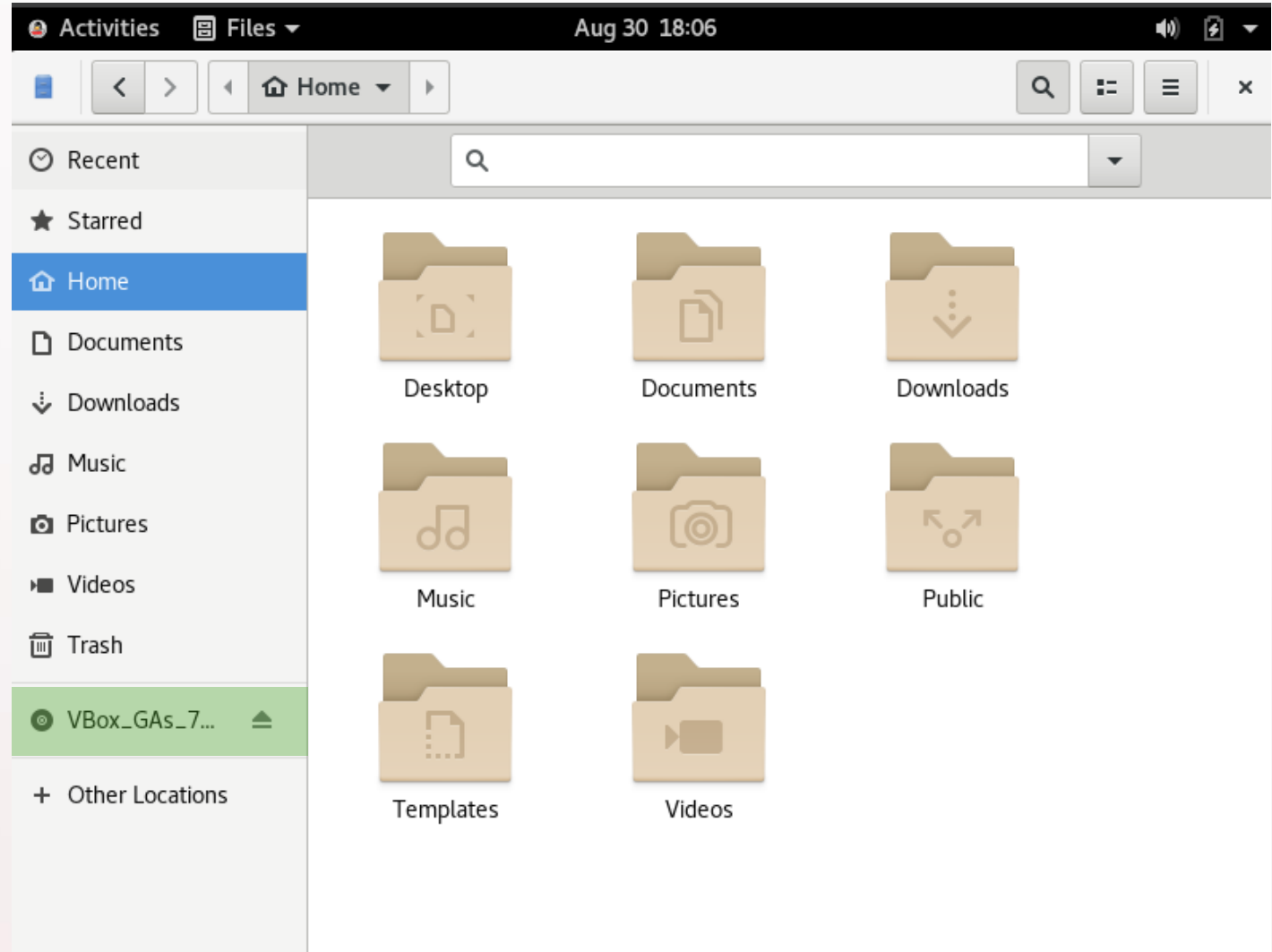


Di beberapa kasus mungkin saja terjadi, Insert Guest Additions CD image **tidak memunculkan apa-apa** setelah di klik

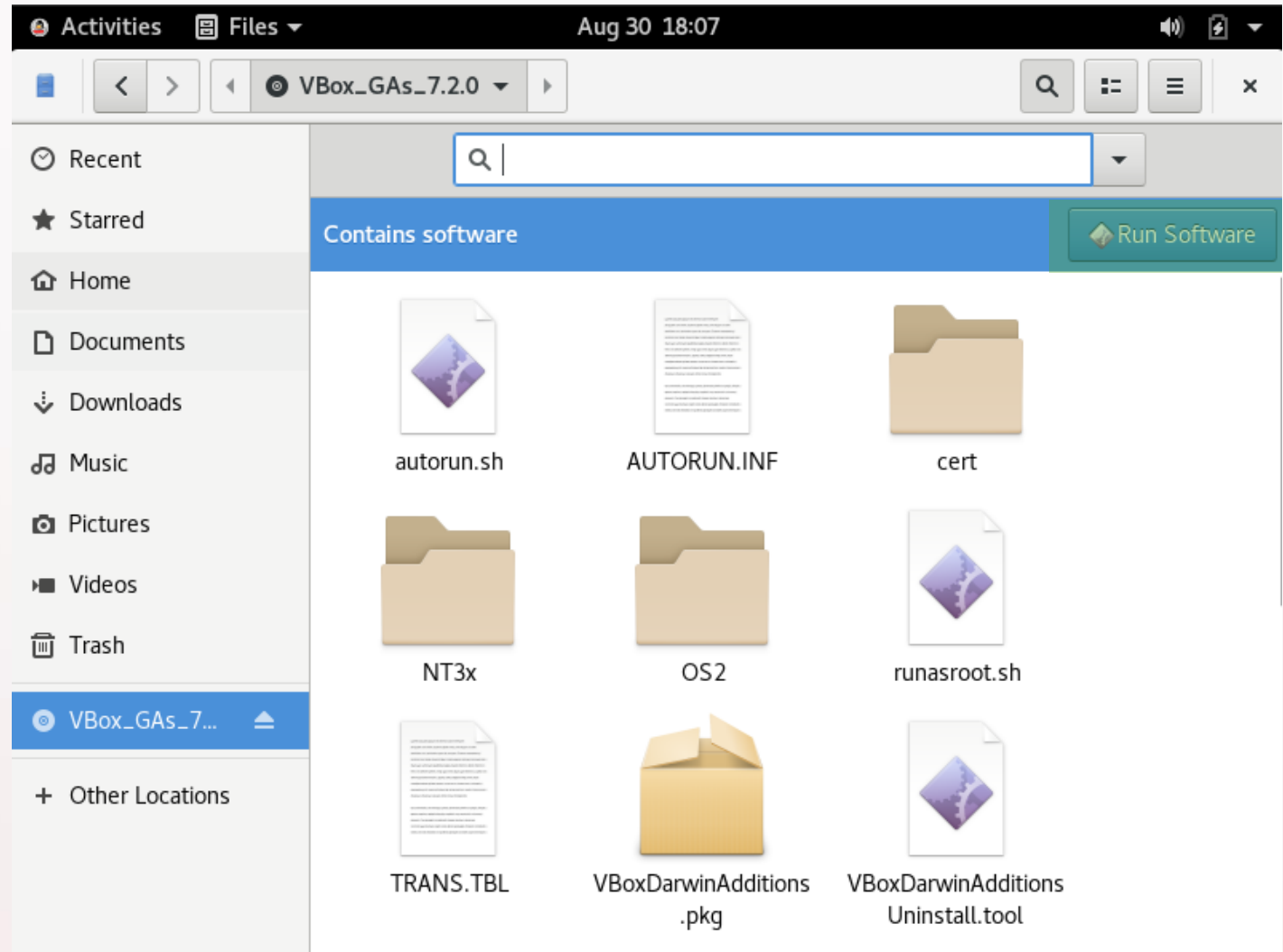
1.
Klik Activities >
Lalu buka Files



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

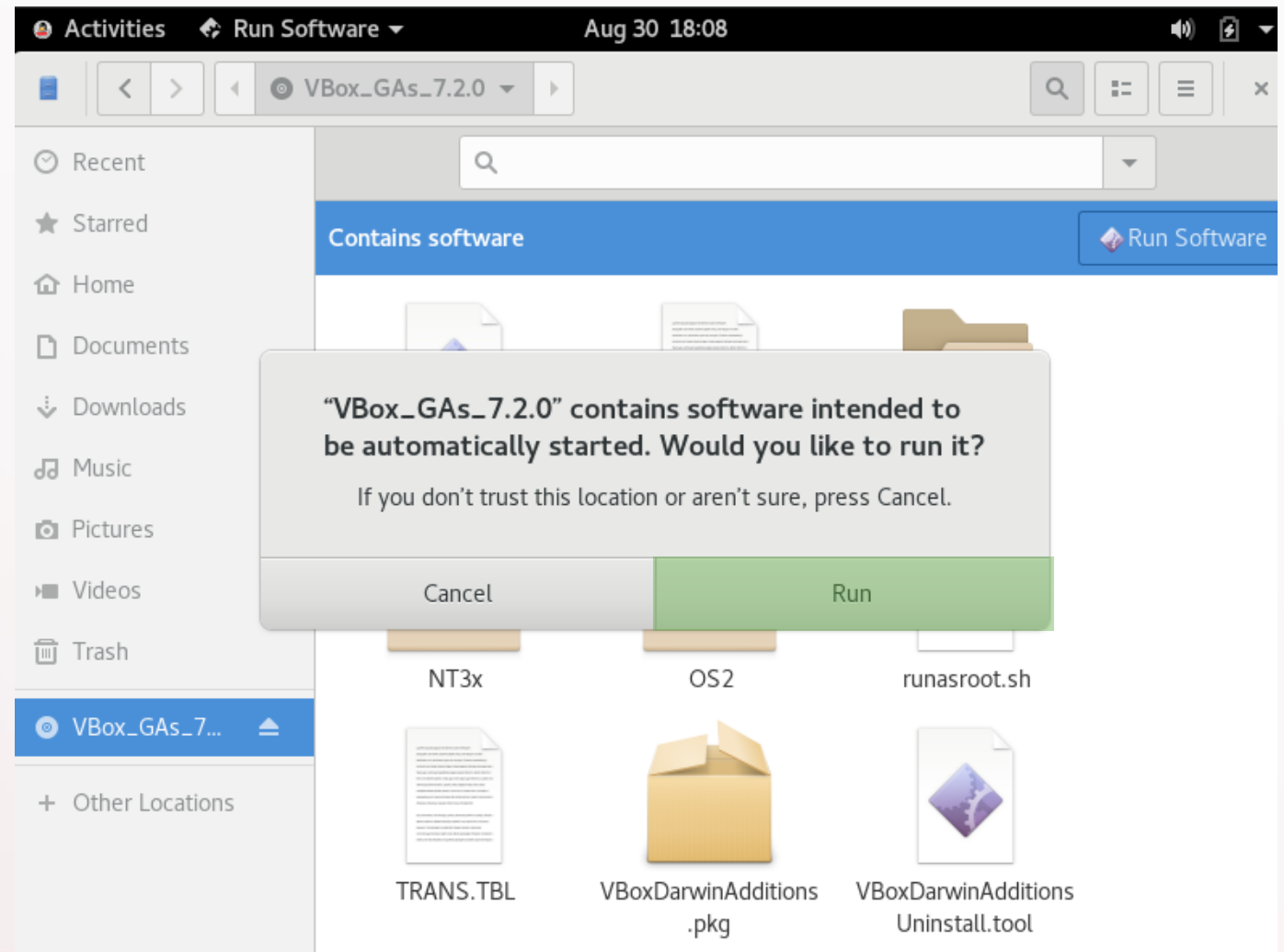


3. Tekan Run Software



4.

Jalankan instalasi dengan klik **Run**



Kendala yg mungkin terjadi #2

Left control



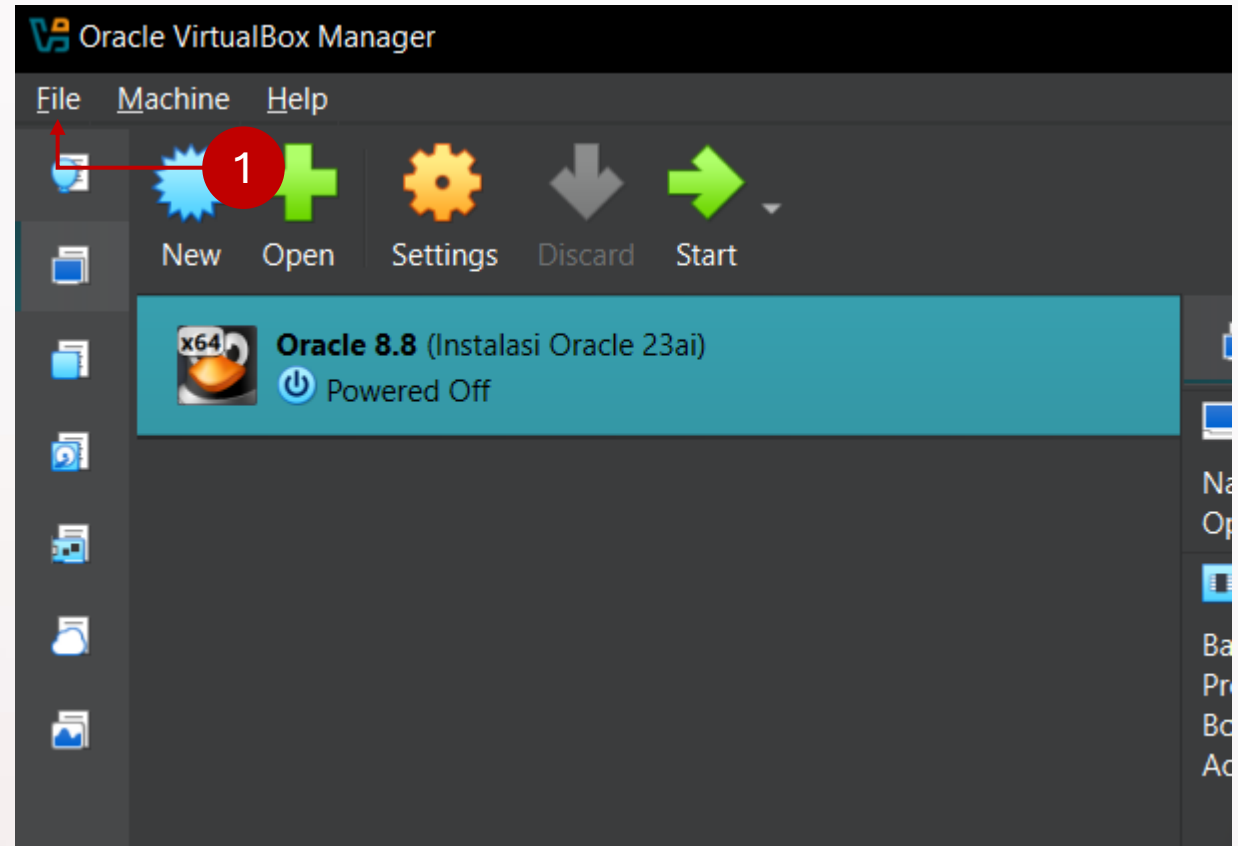
Right control



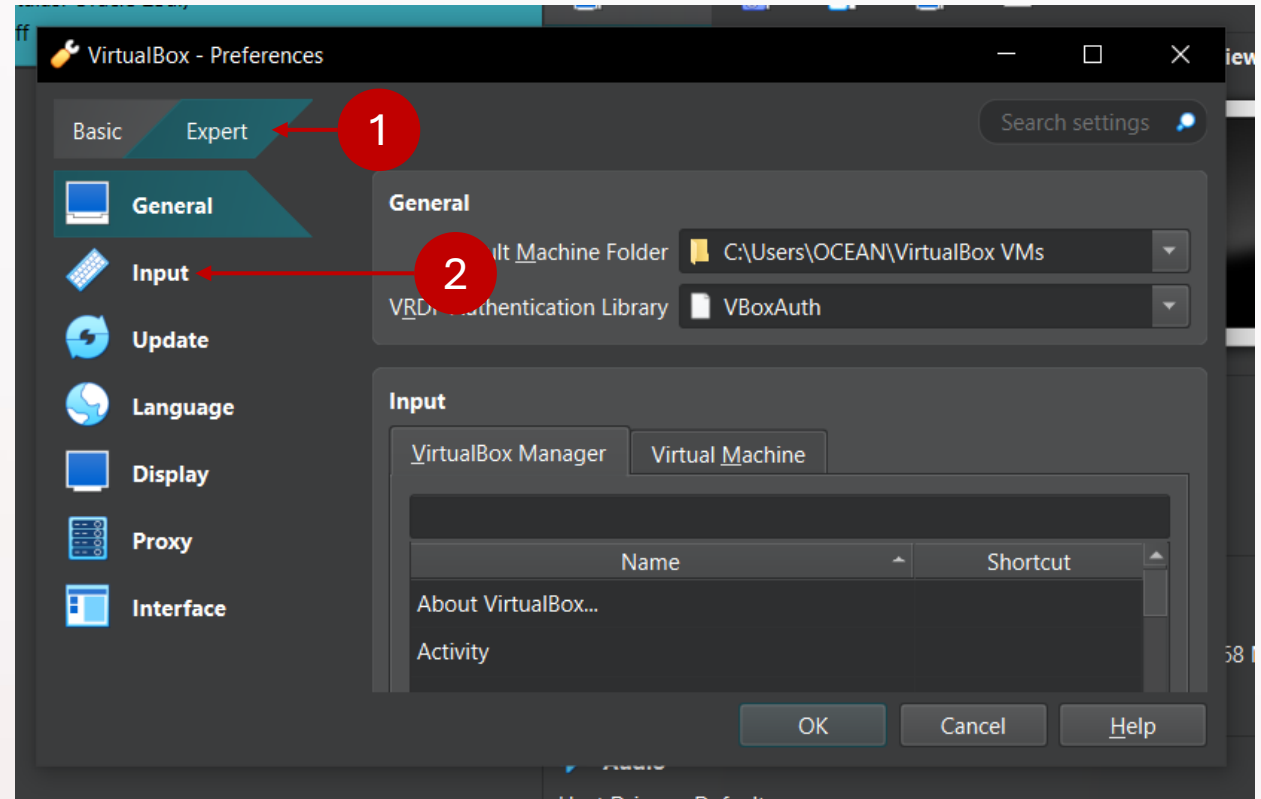
???

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

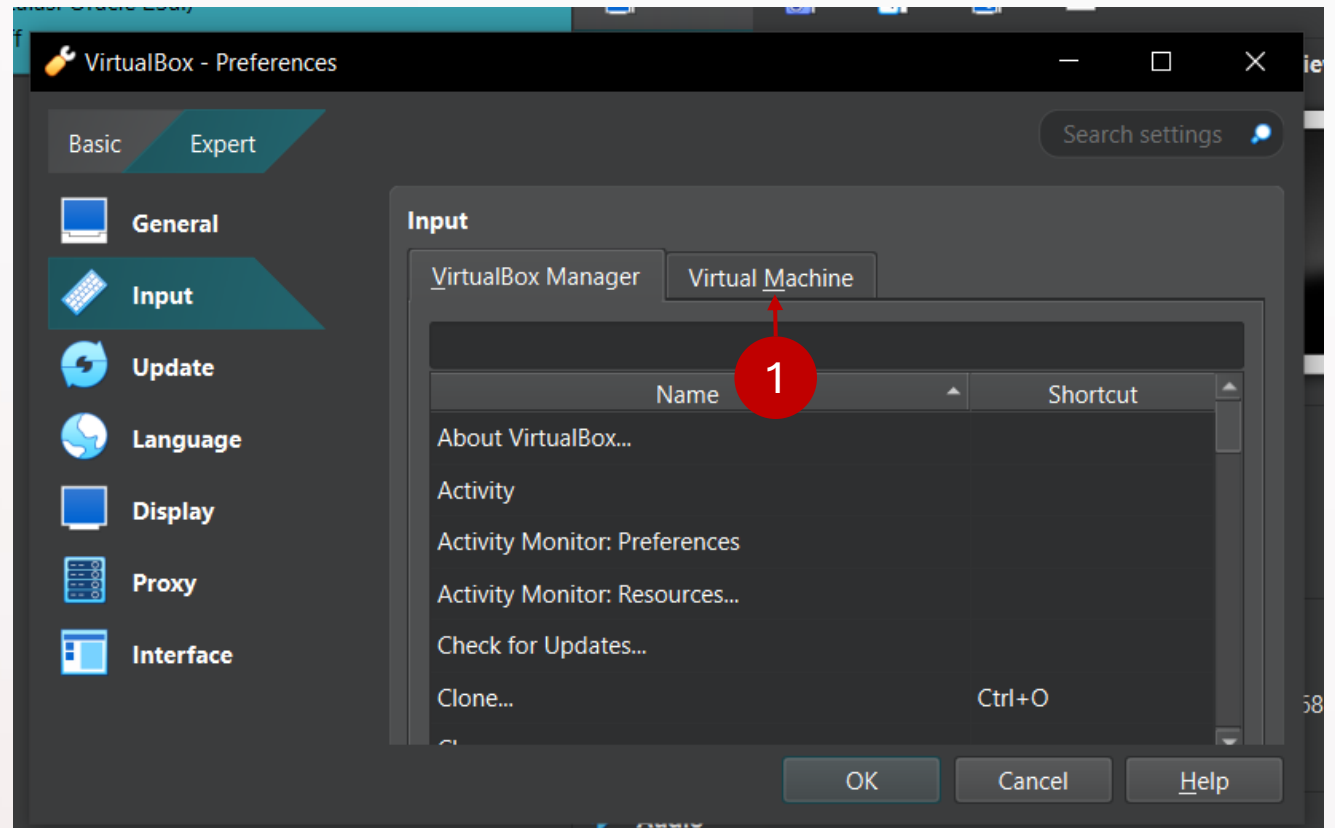
1.
Files > Preferences /
Bisa langsung
gunakan shortcut
CTRL + G



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

