

# Download Ubuntu on the Virtualbox

Version: Ubuntu 20.04.4 LTS & VirtualBox 6.1

2019.03.03



Download VirtualBox 6.1

VirtualBox 6.0 platform packages (Choose your system)



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Technical docs

# **VirtualBox**

VirtualBox is a powerful x86 and AMD64/Intel64 virtualization product for enterprise as well as home use. Not only is VirtualBox an extremely feature only professional solution that is freely available as Open Source Software under the terms of the GNU General Public License (GPL) version 2. See "Al

Presently, VirtualBox runs on Windows, Linux, Macintosh, and Solaris hosts and supports a large number of guest operating systems including but not 7, Windows 8, Windows 10), DOS/Windows 3.x, Linux (2.4, 2.6, 3.x and 4.x), Solaris and OpenSolaris, OS/2, and OpenBSD.

VirtualBox is being actively developed with frequent releases and has an ever growing list of features, supported guest operating systems and platforn company: everyone is encouraged to contribute while Oracle ensures the product always meets professional quality criteria.

> Download VirtualBox 6.1

#### Hot picks:

- . Pre-built virtual machines for developers at ⇒Oracle Tech Network
- Hyperbox Open-source Virtual Infrastructure Manager → project site
- phpVirtualBox AJAX web interface ⇒ project site



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# Virtual Box Download Virtual Box

Here you will find links to VirtualBox binaries and its source code.

#### VirtualBox binaries

By downloading, you agree to the terms and conditions of the respective license.

If you're looking for the latest VirtualBox 6.0 packages, see VirtualBox 6.0 builds. Plea

If you're looking for the latest VirtualBox 5.2 packages, see VirtualBox 5.2 builds. Plea

#### VirtualBox 6.1.32 platform packages

- • Windows hosts We choose Windows for example
- · Linux distributions
- ⇒Solaris hosts
- ➡Solaris 11 IPS hosts



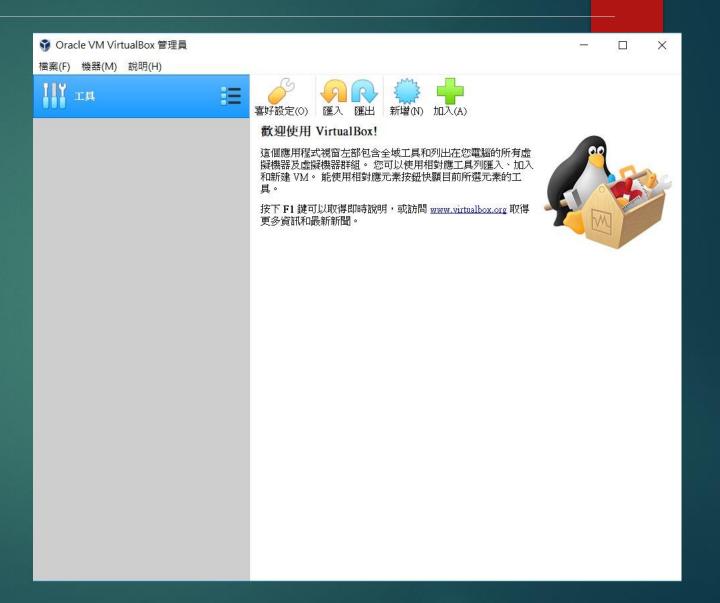
<u>a</u>

STEP 1. Next step





## Open VirtualBox





## 下載 DOWNLOAD



Ubuntu for desktop

20.04.2LTS(Support to April,2023)

64bit version

#### 32-bit PowerPC Support Dropped

- The powerpc port is not included in the 18.04 release. See announcement for details.
- ppc64el support support continues as previously.

Not support for 32bit

## Download Ubuntu Desktop

#### ReleaseNotes:

https://wiki.ubuntu.com/BionicBeaver/ReleaseNotes?\_ga=2.102912448. 137349542.1551583243-1051982738.1551583243 Ubuntu 20.04.4 LTS

Download the latest <u>LTS</u> version of Ubuntu, for desktop PCs and laptops. LTS stands for long-term support — which means five years, until April 2025, of free security and maintenance updates, guaranteed.

Ubuntu 20.04 LTS release notes ♂

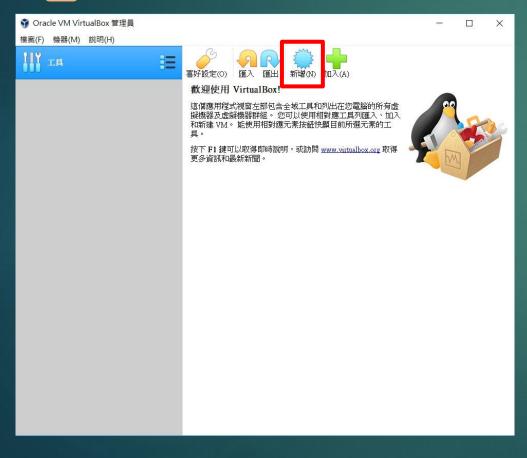
Recommended system requirements:

#### Download

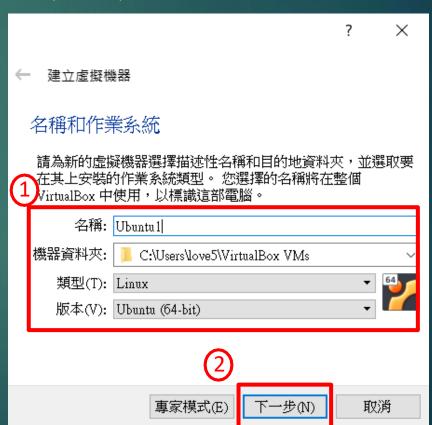
For other versions of Ubuntu Desktop including torrents, the network installer, a list of local mirrors, and past releases see our alternative downloads.

Open Ubuntu from VirtualBox

#### Add a new Virtualbox



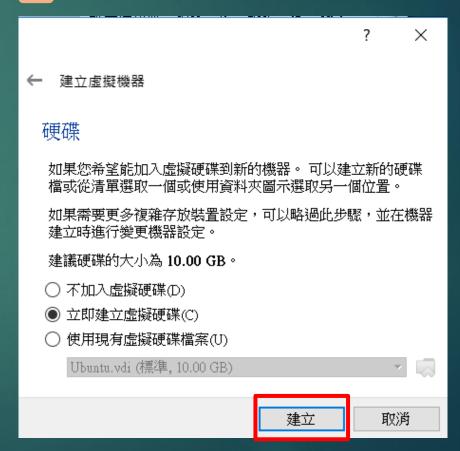
Name: decide by yourself
Type: Linux Version:
Ubuntu(64-bit)



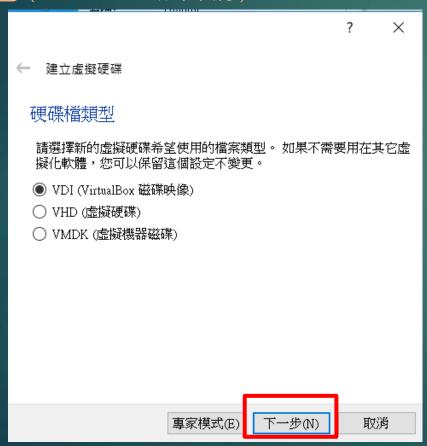
#### On Choose the size of your memory



#### O4 Create a new virtual hard drive



# We choose VDI for example (VirtualBox磁碟映像)



# Choose for what you need (we use dynamic for example)

← 建分虚擬硬碟

#### 存放裝置實體硬碟中

請選擇新的虛擬硬碟檔是否應根據使用來成長 (動態分配),或建立 為其最大大小 (固定大小)。

**動態分配**的硬碟檔將只在填滿時使用實體硬碟的空間 (直到最大的**固定大小**),儘管它的空間釋放時不會再次自動縮小。

**固定大小**硬碟檔在某些系統需要比較長的時間建立,但通常用起來 比較快。

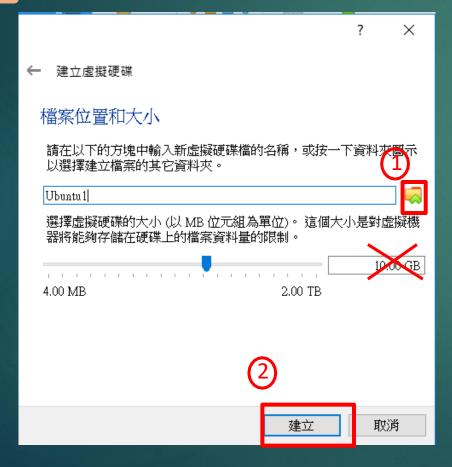
- 動態分配(D)
- 固定大小(F)

下一步(N)

取消

X

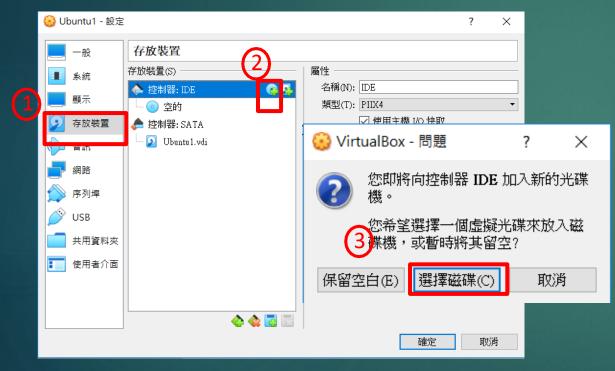
Choose a folder to put files of virtual hard drive



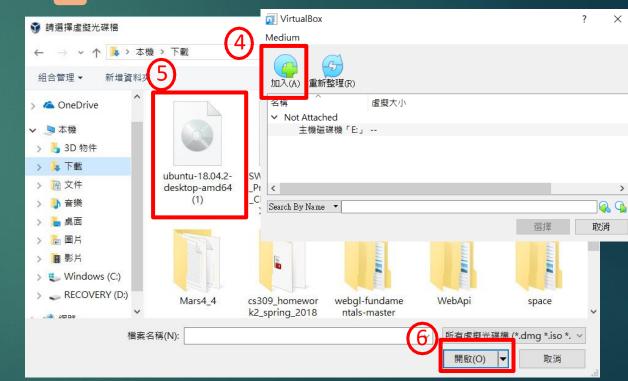
Right-click at the new virtual box and choose settings

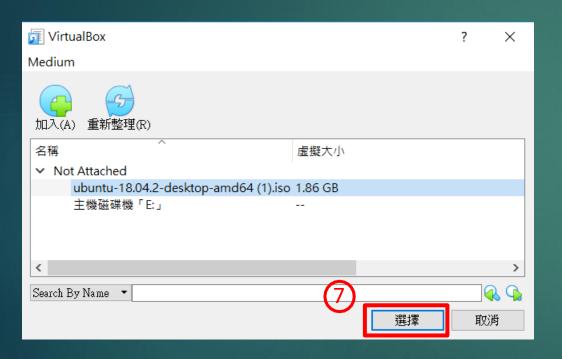


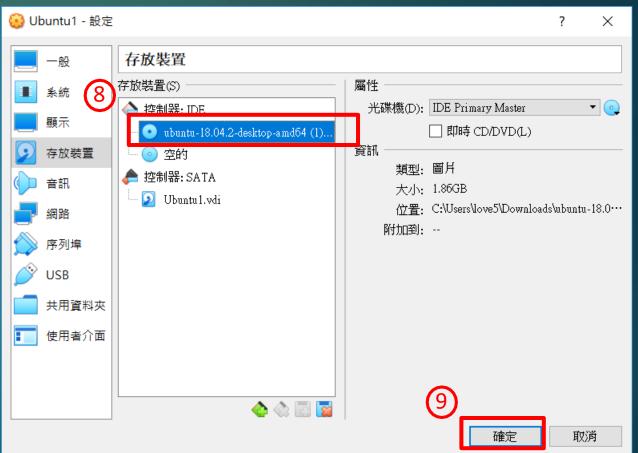
Add a new compact Disc, and choose disk



Find "Ubuntu ISO" and add it









Start up Ubuntu
http://blog.xuite.net/yh96301/blog/242333268-%E5%AE%89%E8%A3%9DUbuntu+14.04

### Choose the virtualbox you want to open and click to start



Booting up



Choose the language, and install Ubuntu

#### 歡迎

ਪਜਾਬੀ

ગુજરાતી

தமிழ் ತೆಲುಗು ಕನ್ನಡ മലയാളം සි-හල ภาษาไทย 試用 Ubuntu



安裝 Ubuntu

您可以不對您的電腦做出任何變更,就能透過此 CD 直接試用 Ubuntu。

或是若您已準備就緒,您可以將 Ubuntu 和您目前的操作系統安裝在一起 (甚至取 代)。這不會花上許久時間。

您可能會希望閱讀發行備註。

#### 鍵盤排列方式

選擇您的鍵盤配置:

英語 (南非) 英語 (喀麥隆)

英語 (奈及利亞)

英語 (英式)

英語 (迦納)

茨瓦納語

英語 (美式) - English (Dvorak, alt. intl.)

英語 (美式) - English (Dvorak, intl., with dead keys)

英語 (美式) - English (Dvorak, left-handed)

英語 (美式) - English (Dvorak, right-handed)

英語 (美式) - English (US, alt. intl.)

英語 (美式) - English (US, euro on 5)

在這裡輸入以測試您的鍵盤

偵測鍵盤配置

結束(Q)

返回(B)

繼續

မြန်မာစာ

ລາວ र्वे देश्या

中文(简体)

中文(繁體)

日本語

## Updates and other software What apps would you like to install to start with? O Normal installation Web browser, utilities, office software, games, and media players. ○ 最小安裝 → You can save more time Web browser and basic utilities. Other options □ 安裝 Ubuntu 同時下載更新 可節省往後安裝的時間。 Install third-party software for graphics and Wi-Fi hardware and additional media formats 本軟體依據文件中所列的授權條款給予授權。部分屬於專屬的私有授權。 結束(Q) 返回(B)

### Choose to clean up your disk and download Ubuntu

## 安裝類型 本電腦目前未偵測到有作業系統。請問要怎麼處理? ○ 清除磁碟並安裝 Ubuntu 警告:這會刪除所有作業系統上您所有的程式、文件、相片、音樂,與任何其他檔案。 □ 將新安裝的 Ubuntu 加密以增強安全性 下個步驟中您需要選擇一道安全金鑰 □ 在新安裝的 Ubuntu 使用 LVM 會設置邏輯儲存區管理(LVM)。讓您可以攝取快照,並輕鬆重新調整分割區大小。 ○其他 您可以自己建立或重新調整分割區大小,又或者是為 Ubuntu 選擇多個分割區。 結束(Q) 返回(B) 立刻安裝(I)

#### Press continue

#### ● 是否要將變更寫入磁碟中?

如果繼續的話,以下所列出的變更將會寫入磁碟之中。或者,您也可以手動來進行其它變更。

以下裝置的磁碟分割表已有所更動:

SCSI3 (0,0,0) (sda)

下列的分割區將要進行格式化:

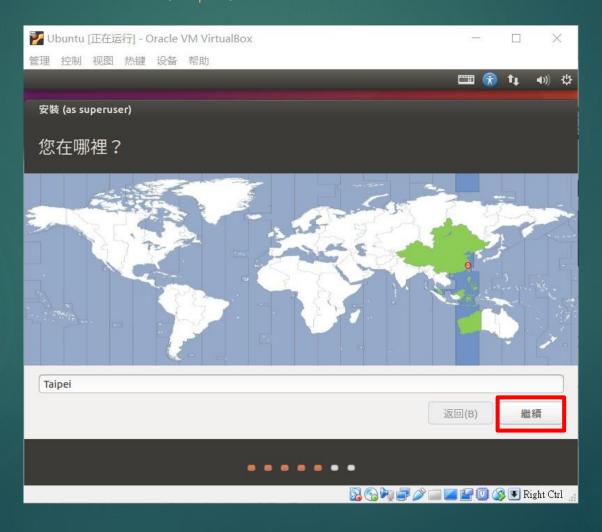
SCSI3 (0,0,0) (sda) 的 #1 分割區, ext4

SCSI3 (0,0,0) (sda) 的 #5 分割區, swap

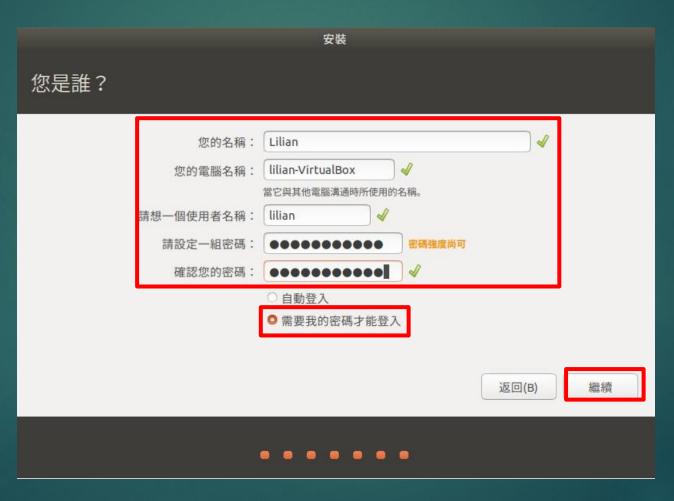
返回

繼續

## Choose the district(Taipei) and continue



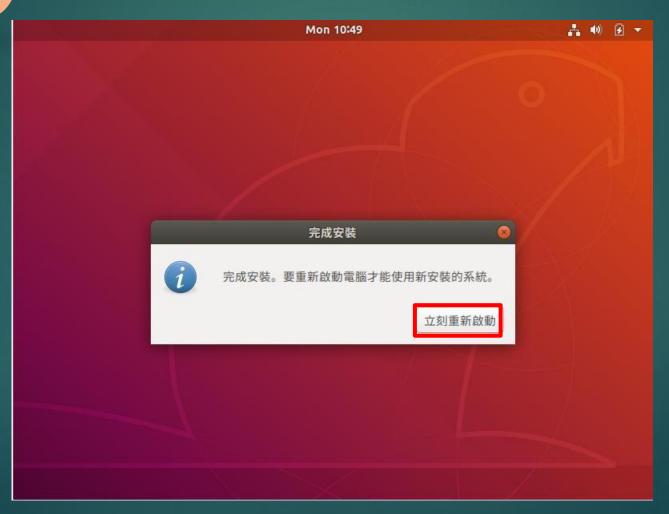
Input your name, computer name, user name and your password to continue



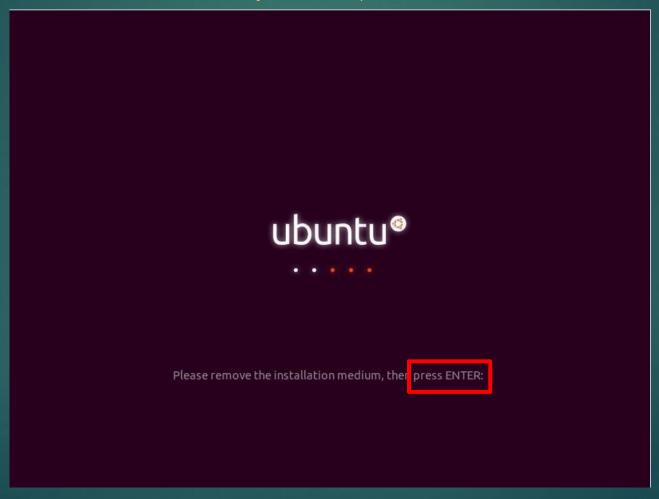
## Installing.....



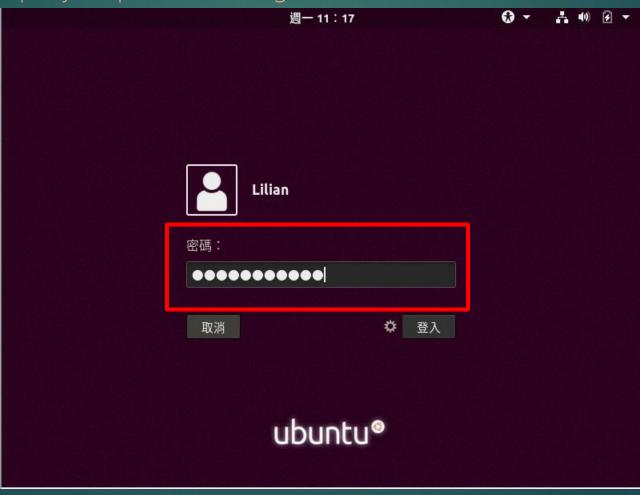
Click the restart button to restart your computer



Press Enter to restart your computer



Input your password to log in



You can click the arrow at the top-right side to turn off your computer or to log out

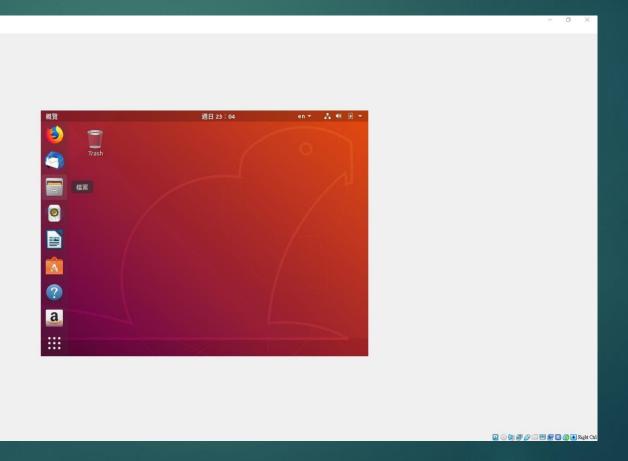




Now we are start to set the Guest Additions in Ubuntu

## Release Notes:

https://www.tecmint. com/installvirtualbox-guestadditions-in-ubuntu/



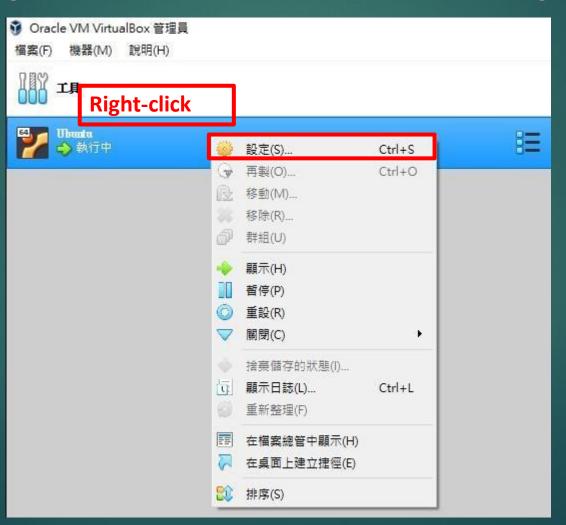
Updating your Ubuntu guest operating system

```
$ sudo apt update
$ sudo apt upgrade
```

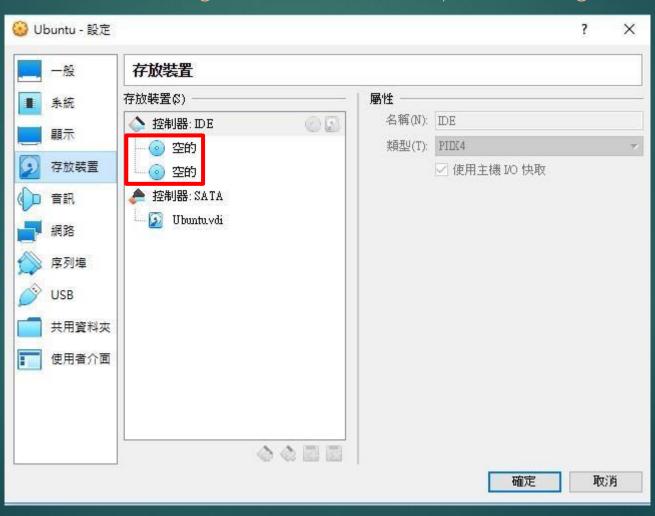
Reboot your Ubuntu guest operating system to effect the recent upgrades and install required packages as follows.

```
$ sudo apt install build-essential dkms linux-headers-$(uname -r)
```

### Right-click at the new virtual box and choose settings



### Choose the storage device, and clean up all the things in the IDE



After you login Ubuntu, choose device, and click "Guest Additions CD"



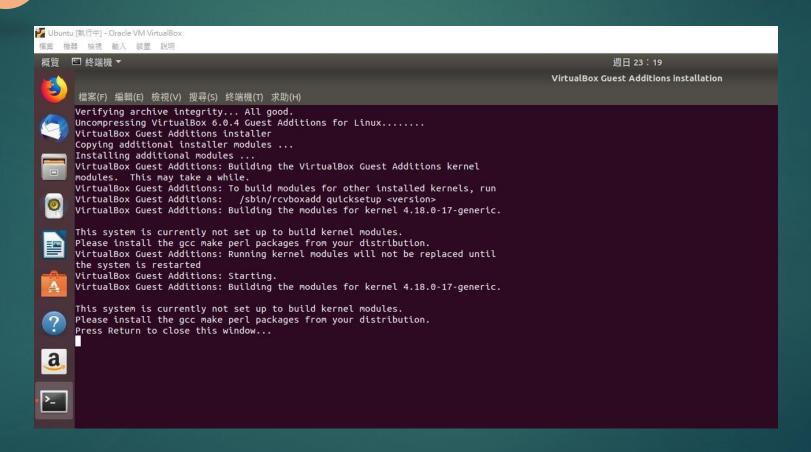
#### Click the "Run" button

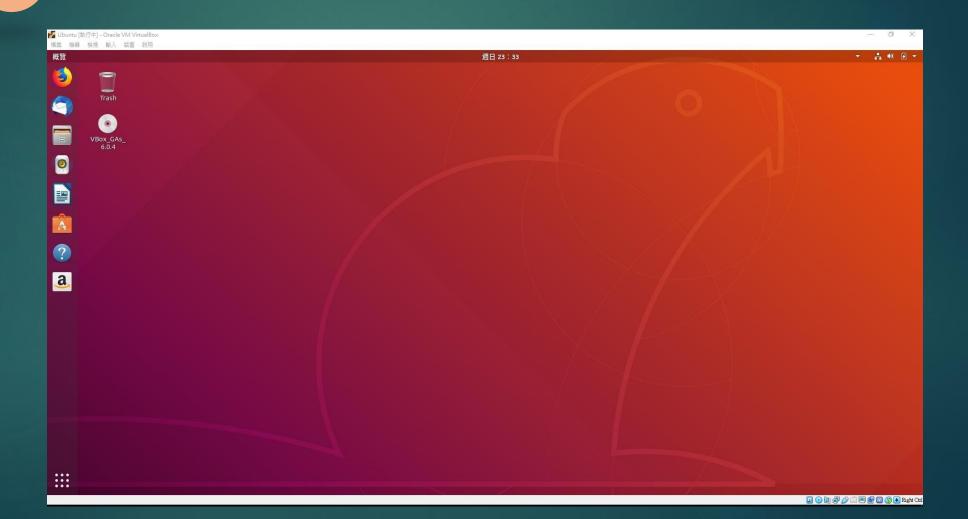


## Input your password

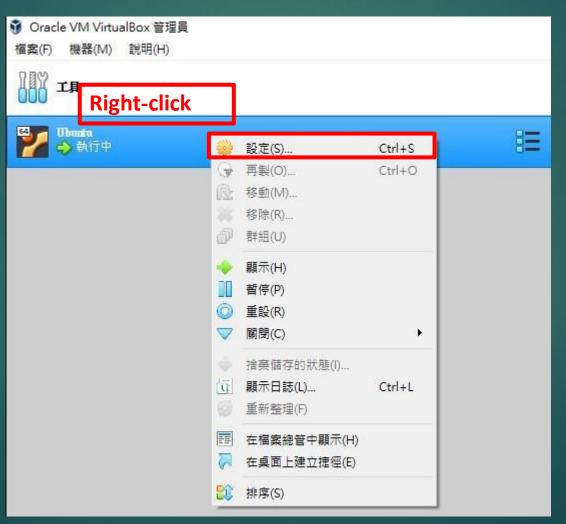


#### After finish running, press "Enter" to close the windows

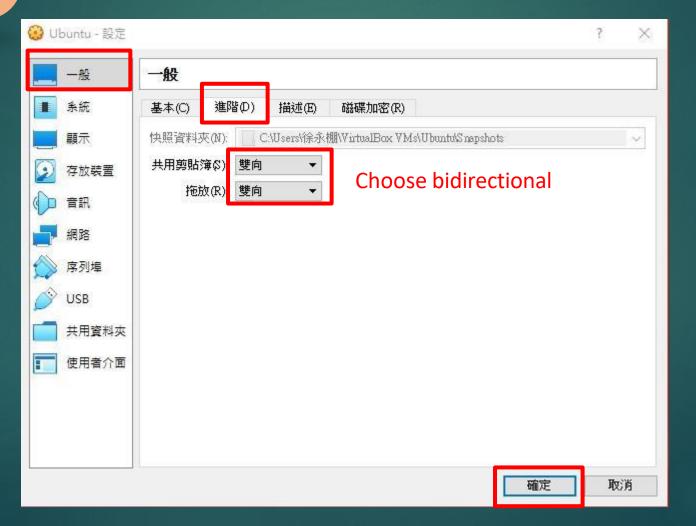




### Right-click at the new virtual box and choose settings



Set the Guest Additions in Ubuntu



## 指令 COMMAND

01 lilian@lilian-VirtualBox:~\$ ls 下載 公共 圖片 影片 文件 桌面 模板 音樂

Is >output the name of the file in your computer

lilian@lilian-VirtualBox:~\$ ll 總計 80 4 13:37 ./ drwxr-xr-x 15 lilian lilian 4096 3月 drwxr-xr-x 3 root root 4096 3月 4 10:34 ../ -rw------ 1 lilian lilian 451 3月 4 13:37 .bash\_history -rw-r--r-- 1 lilian lilian 220 3月 4 10:34 .bash\_logout -rw-r--r-- 1 lilian lilian 3771 3月 4 10:34 .bashrc drwx----- 11 lilian lilian 4096 3月 4 13:26 .cache/ drwx----- 11 lilian lilian 4096 3月 4 11:18 .config/ drwx----- 3 lilian lilian 4096 3月 4 11:17 .gnupg/ -rw------ 1 lilian lilian 1086 3月 4 13:14 .ICEauthority drwx----- 3 lilian lilian 4096 3月 4 11:17 .local/ 4 10:34 .profile -rw-r--r-- 1 lilian lilian 807 3月 drwxr-xr-x 2 root root 4096 3月 4 13:27 .rpmdb/ -rw-r--r-- 1 lilian lilian 0 3月 4 13:24 .sudo\_as\_admin\_successful drwxr-xr-x 2 lilian lilian 4096 3月 4 11:17 下載/ 4 11:17 公共/ drwxr-xr-x 2 lilian lilian 4096 drwxr-xr-x 2 lilian lilian 4096 4 11:17 drwxr-xr-x 2 lilian lilian 4096 4 11:17 影 drwxr-xr-x 2 lilian lilian 4096 3月 4 11:17 文件/ drwxr-xr-x 2 lilian lilian 4096 3月 4 11:17 桌面/ drwxr-xr-x 2 lilian lilian 4096 3月 drwxr-xr-x 2 lilian lilian 4096 3月 4 11:17 音樂/

 $\parallel$   $\rightarrow$  more information than Is

lilian@lilian-VirtualBox:~\$ ls -a
. .bashrc .ICEauthority .sudo\_as\_admin\_successful 影片 音樂
.. .cache .local 下載 文件
.bash\_history .config .profile 公共 桌面
.bash\_logout .gnupg .rpmdb 圖片 模板

Is -a →output the hidden files

## 指令 COMMAND

lilian@lilian-VirtualBox:~\$ mkdir lilian
lilian@lilian-VirtualBox:~\$ ls
lilian 下載 公共 圖片 影片 文件 桌面 模板 音樂
mkdir folder name → create a folder

O5 lilian@lilian-VirtualBox:~\$ cd lilian lilian@lilian-VirtualBox:~/lilian\$ cd → switch the current directory

lilian@lilian-VirtualBox:~/lilian\$ cd ...
lilian@lilian-VirtualBox:~\$ exit

exit → end of the system

# 指令 COMMAND

сору	move	delete
cp 來源 目的	mv 來源 目的	rm 檔案名

unzip	search	zip
tar -jxv -f 檔案	tar -jtv -f 檔案	tar -jcv -f 檔案

Search command Edit permission compile man 指令 chmod, chown, chgrp gcc/g++