

# Week Report 2

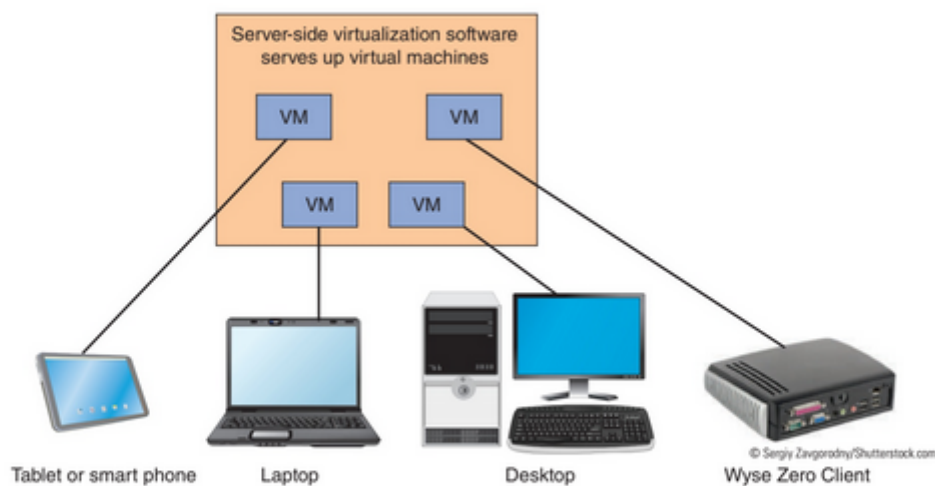
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## The basics of virtualization

### 1. what is virtualization

Definition of virtualization: Replication of hardware to simulate a virtual machine inside a physical machine.

### 2. **Types of virtualization** Server-Side virtualization Definition: "A virtual desktop infrastructure"



Client-side virtualization Definition: "Software installed on a computer to manage virtual machines"



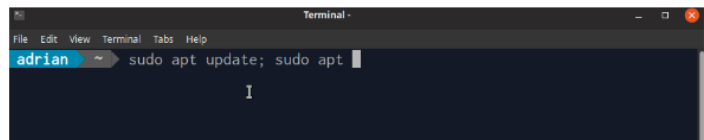
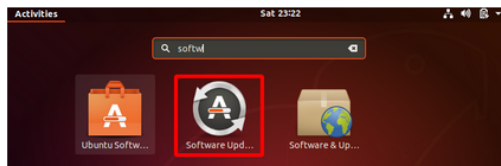
## Installing Ubuntu in virtualization

## 1. Ubuntu Update

### Update Ubuntu 20.04

- Two ways:
  - Using Ubuntu Software Update
  - Using the command line
    - Command:

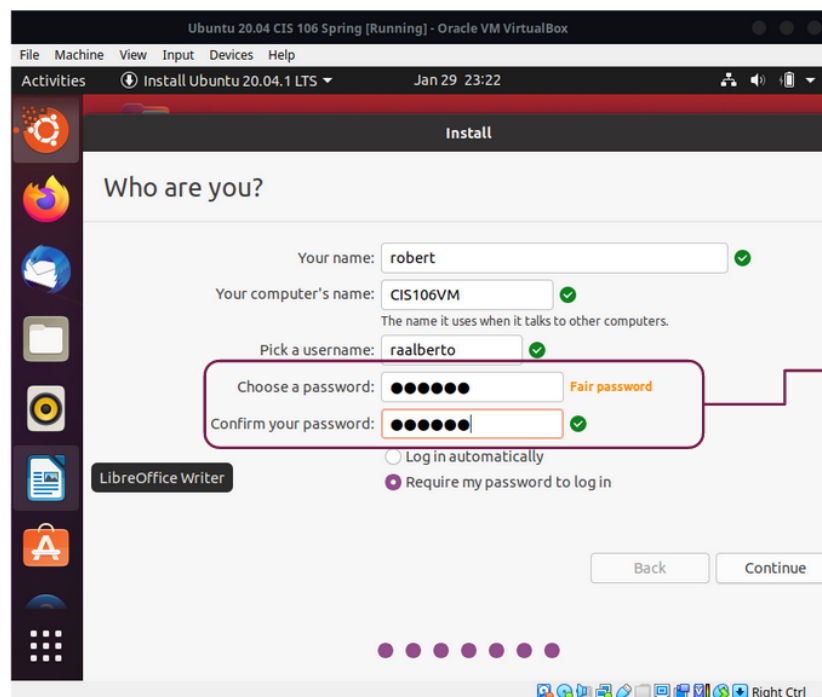
```
sudo apt update; sudo apt upgrade -y; sudo apt full-upgrade -y
```



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## 2. Ubuntu Password

Ubiquity's  
**Who are you?**  
Screen allows  
you to enter  
your  
computer's  
information.  
Refer to slide  
10 where you  
wrote down  
your username  
and password.  
To view this  
information  
you can click  
on machine >  
Settings >  
Details.

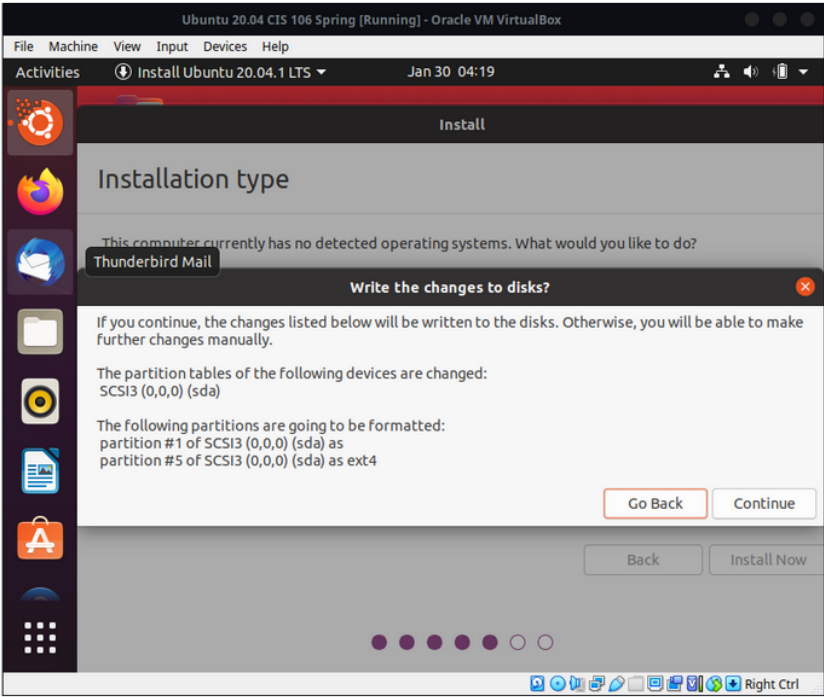


Notice that  
Ubiquity  
notifies you of  
the strength of  
your  
password.

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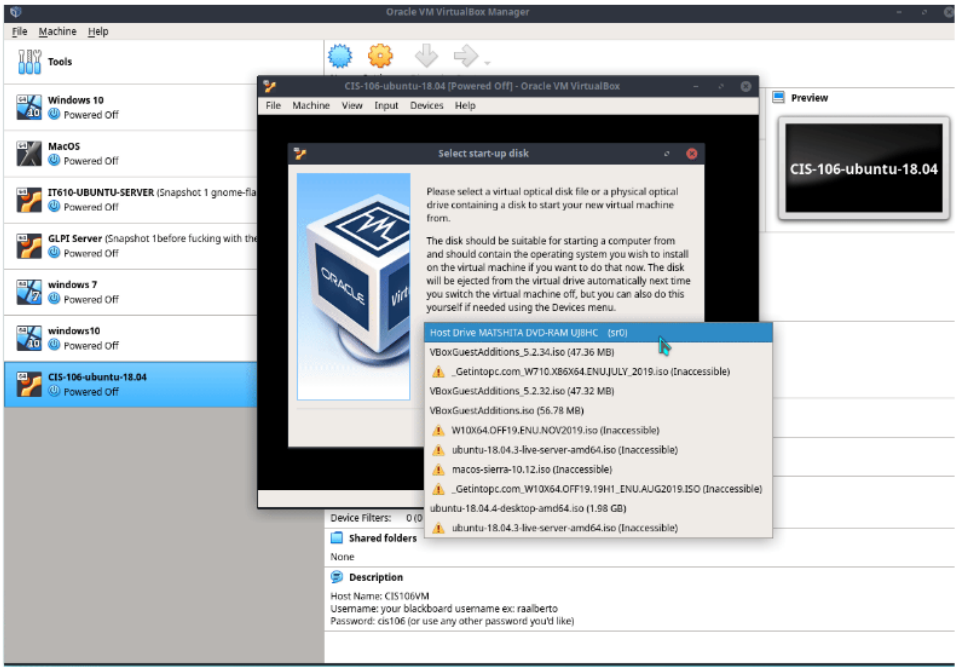
3. Ubuntu Warning

Ubiquity warns you to review the changes made to the disk before continuing. If you followed the steps so far, it is safe to continue.



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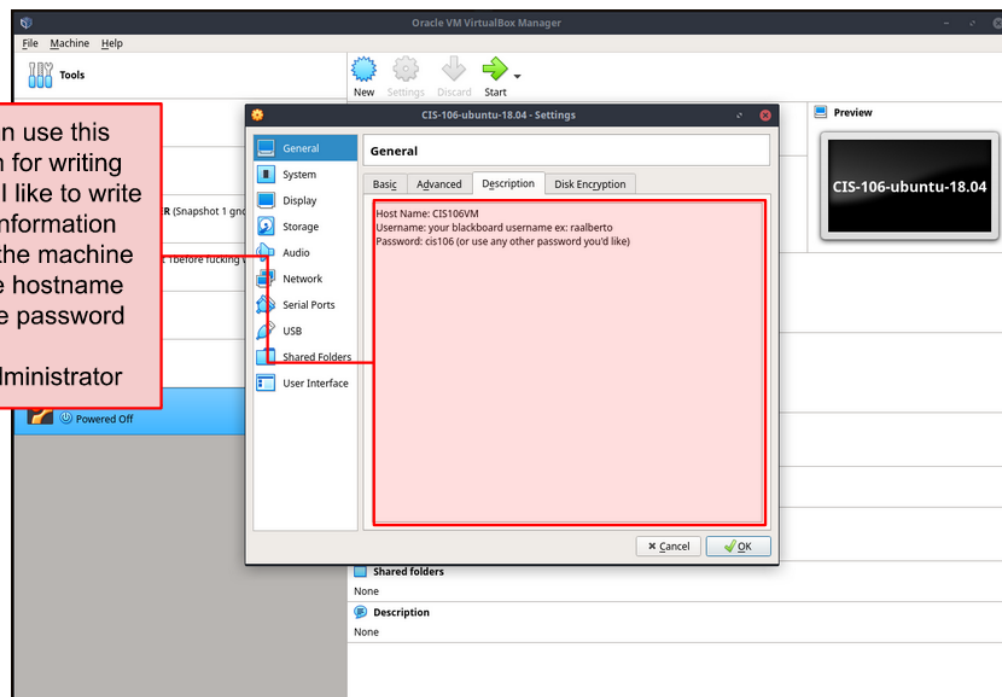
4. Virtualization Startup



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## 5. Ubuntu Description

You can use this section for writing notes. I like to write basic information about the machine like the hostname and the password of the root/administrator



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