

Week Report 2

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"

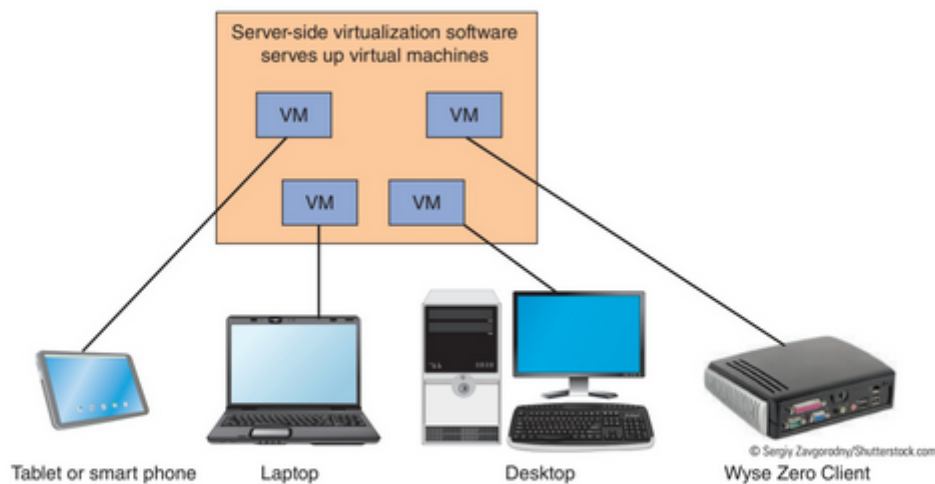


Figure 20-1 Server-side virtualization provides a virtual desktop to each user

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

 client side

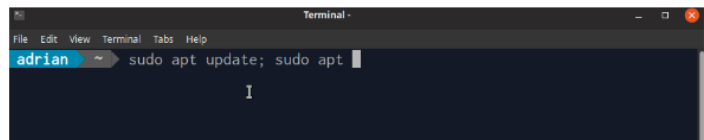
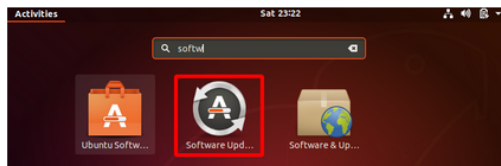
Installing Ubuntu in virtualization

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
```

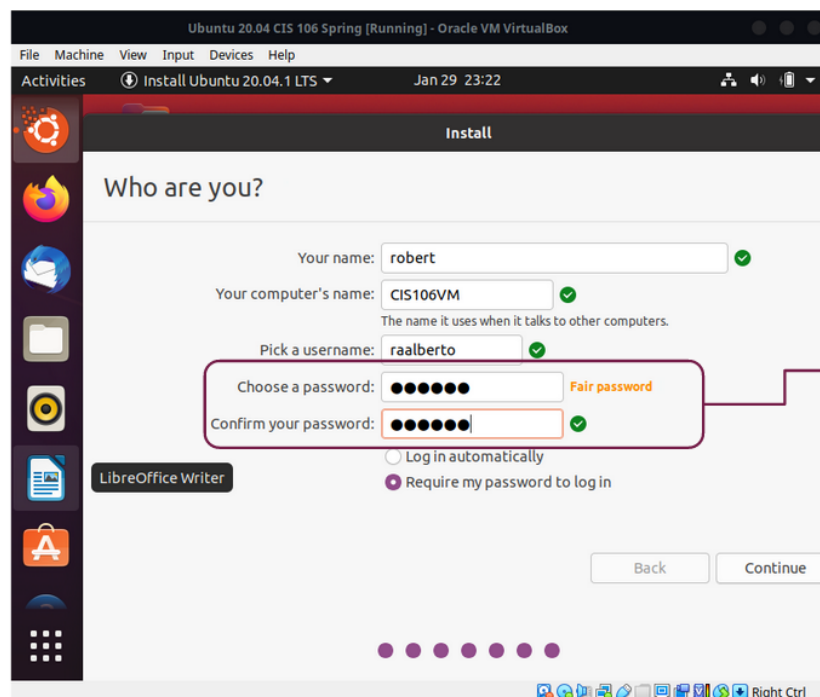


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2. Ubuntu Password

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.

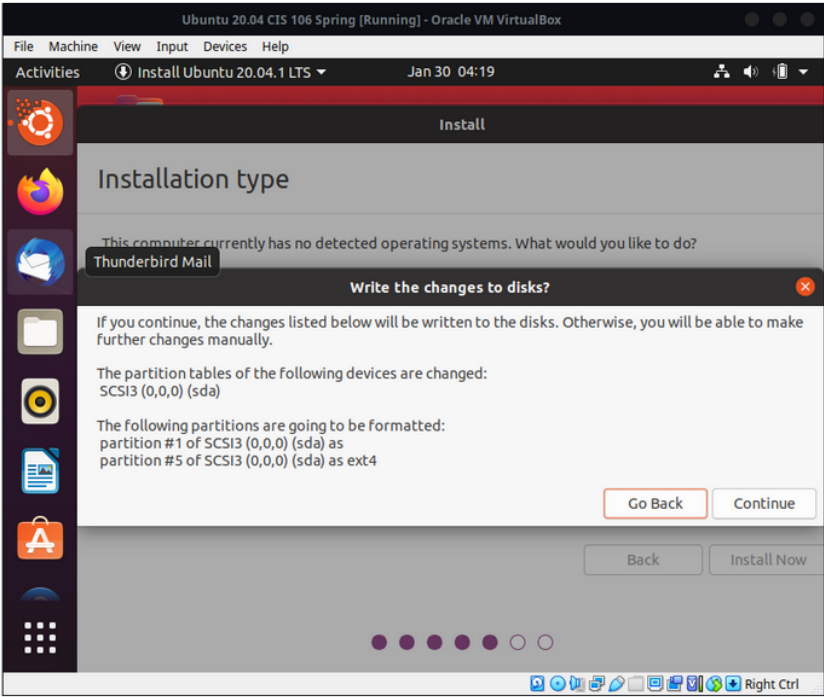


Notice that Ubiquity notifies you of the strength of your password.

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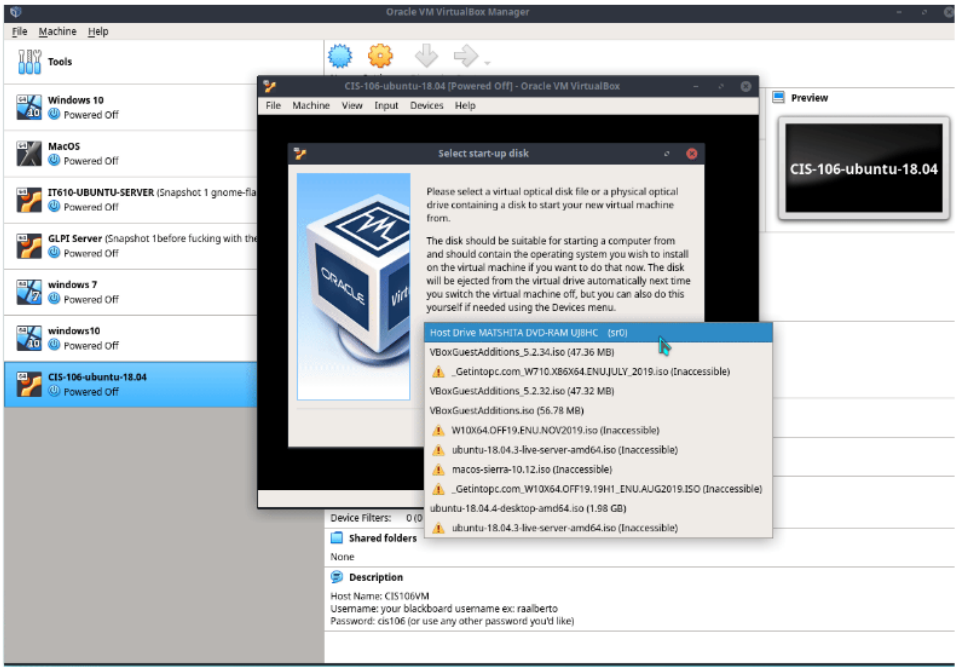
3. Ubuntu Warning

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.



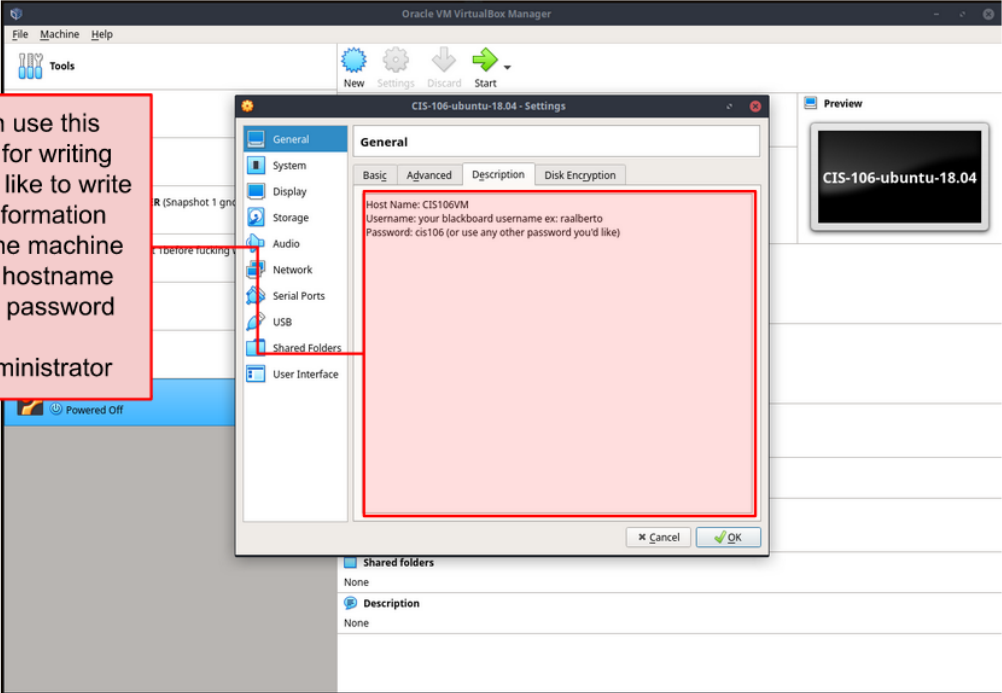
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4. Virtualization Startup



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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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