Week Report 2

The basics of virtualization

1. **What is virtualization** Definition of virtualization
    - Sever side virtualization - Is a Virtual Desktop Infrastructure (VDI). Such as Thick client or fat client, Thin client, and Zero client
    - Client side virtualization - Software installed on a computer to manage virtual machines.

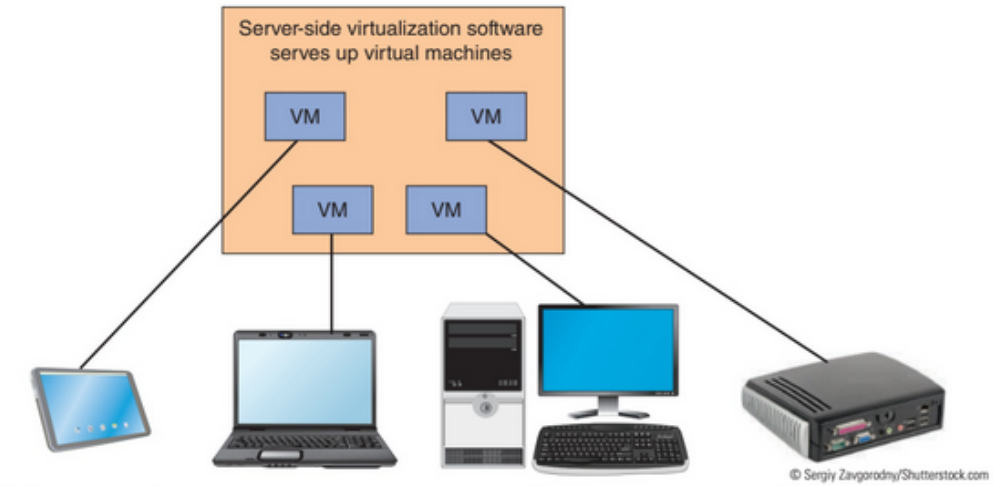
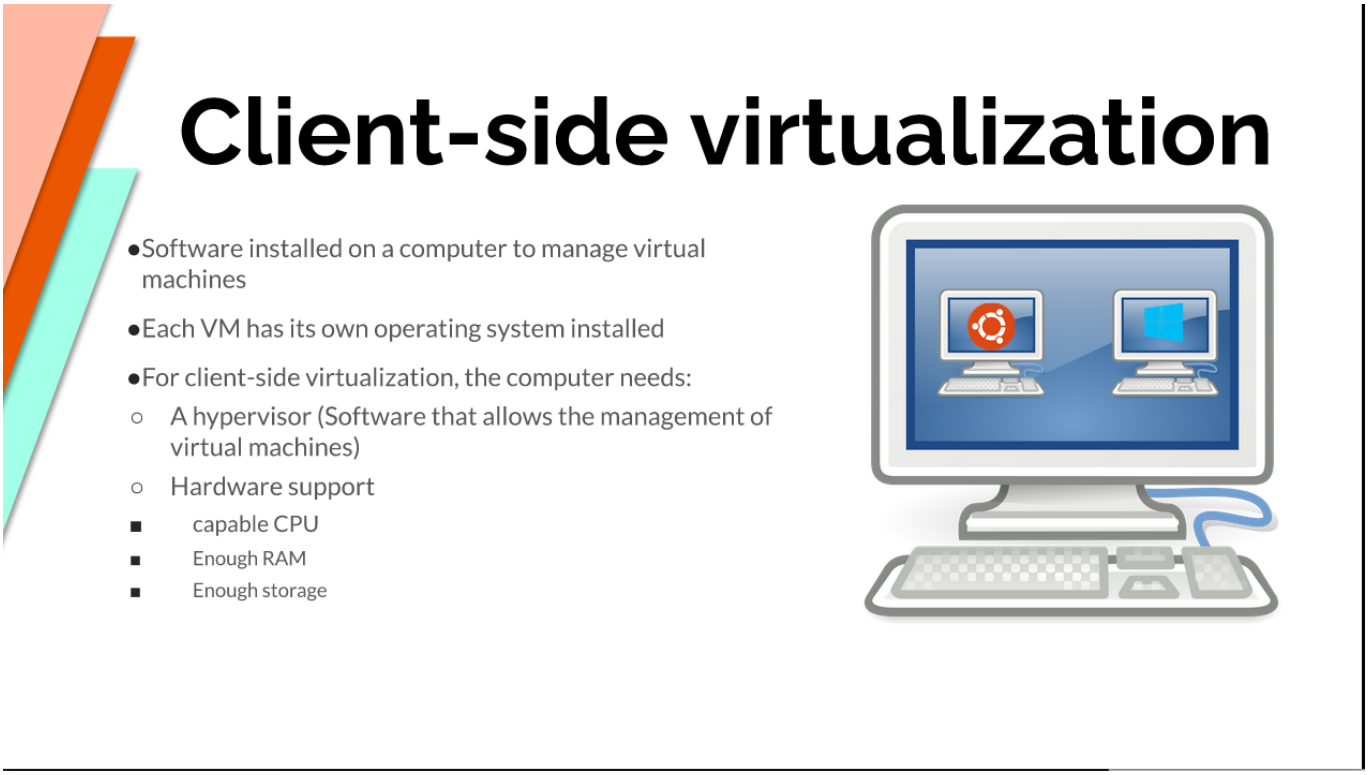


Figure 20-1 Server-side virtualization provides a virtual desktop to each user

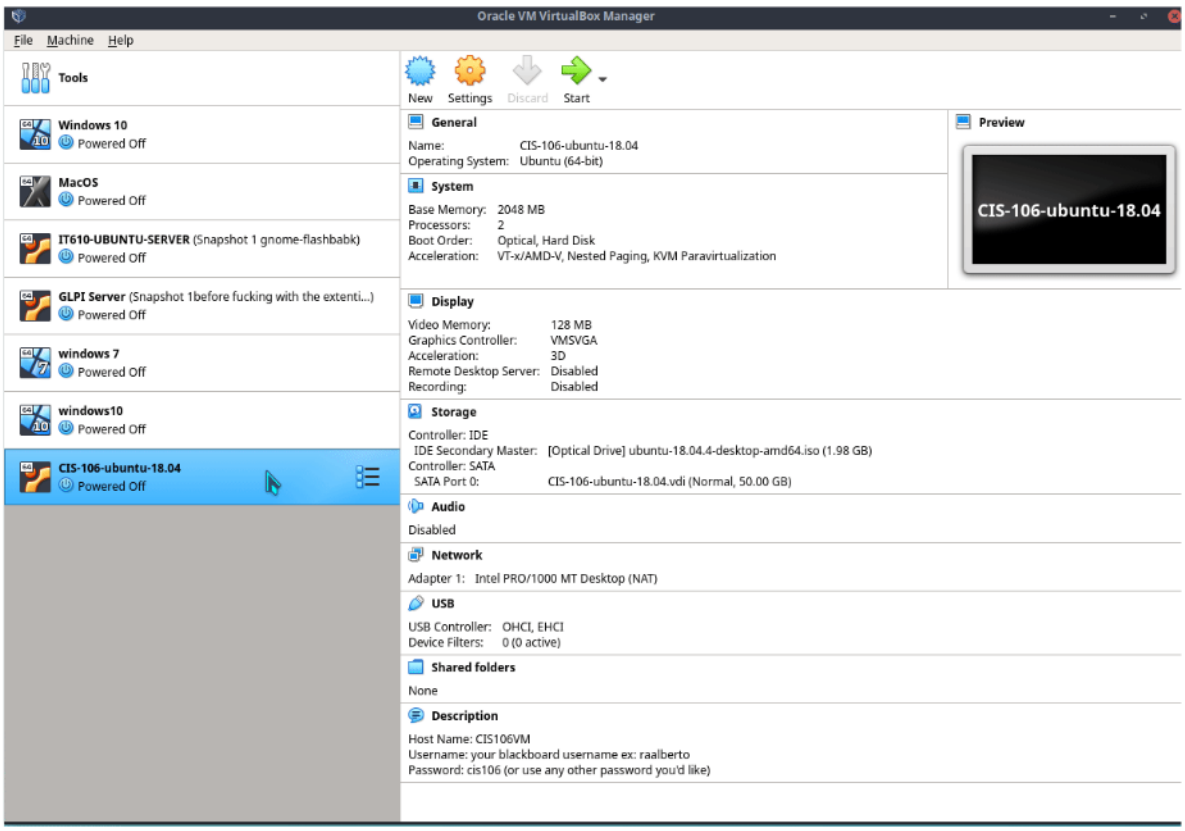
2. **Types of virtualization**
    - Type 1 - Runs on the hardware Examples are: VMware ESX and ESXi Citrix XenSever

- Type 2 - Runs on a Host Operating System Examples are: VMware Workstation Player/Pro Oracle VirtualBox



Installing Ubuntu in Virtualbox

- Virtual machine start up



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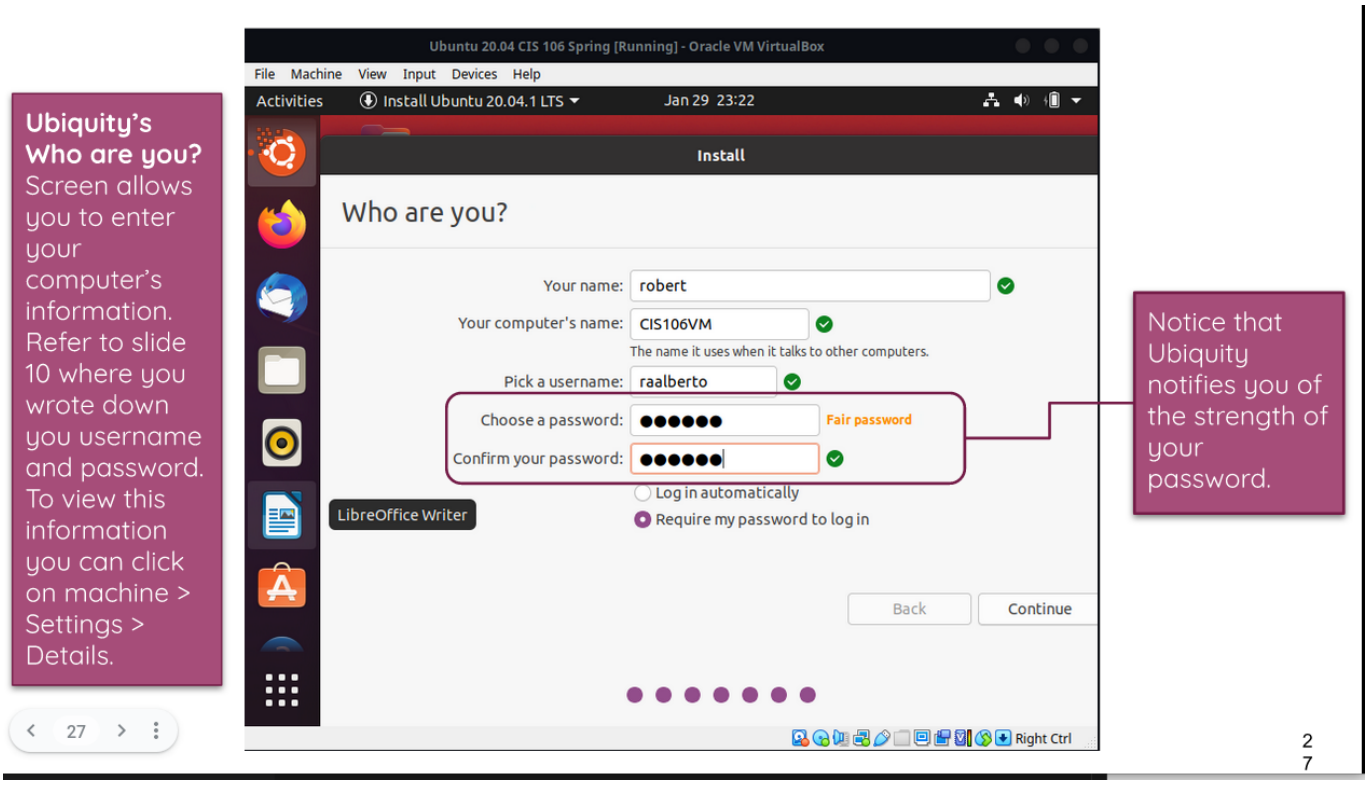
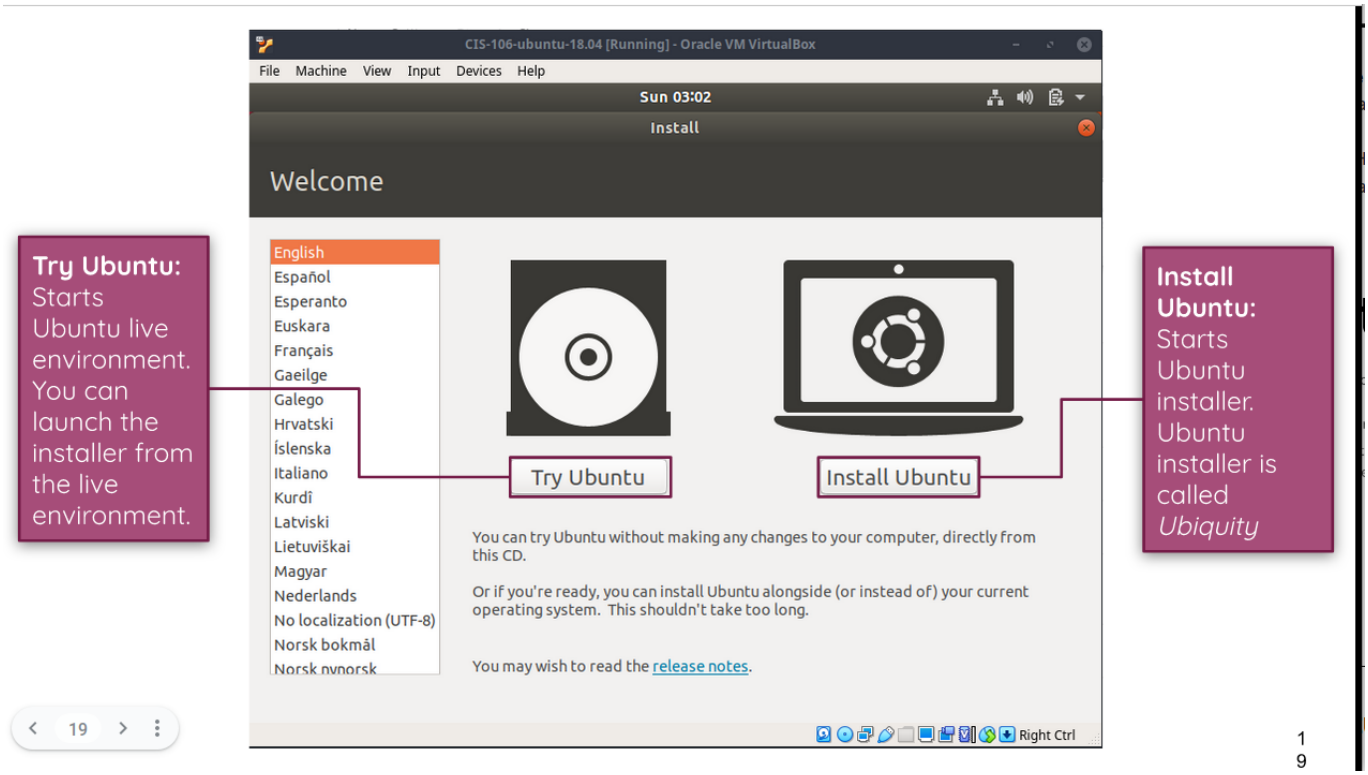
- Inputting account information

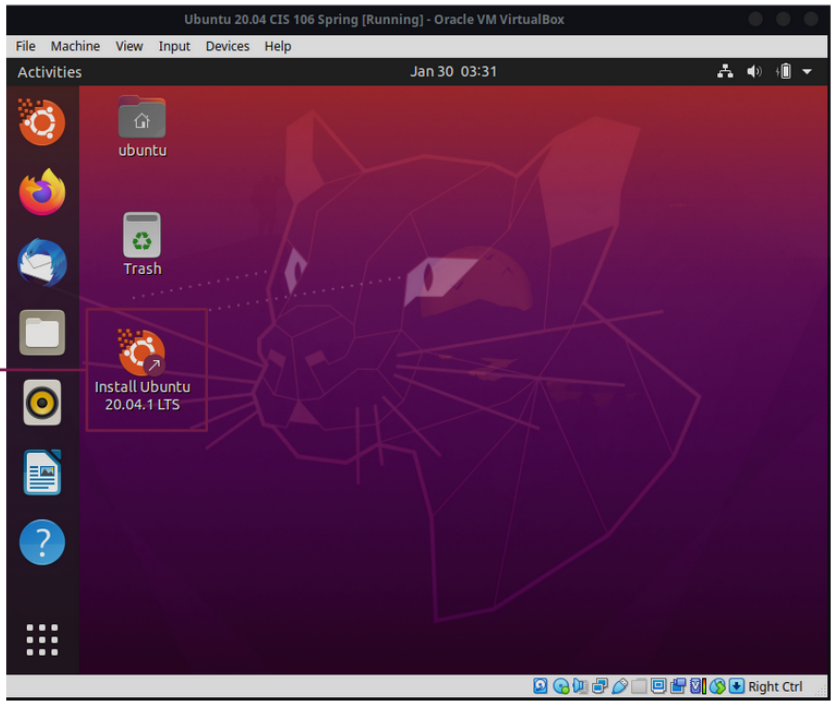


- Installing Ubuntu



- Ubuntu live session

To start Ubiquity, double click on the "**Install Ubuntu 18.04.4 LTS**" icon. This will launch the installation wizard.



You can use the live environment as a regular computer. All ubuntu's default applications are available in this environment. However, any changes will not remain as well as any data saved in this environment

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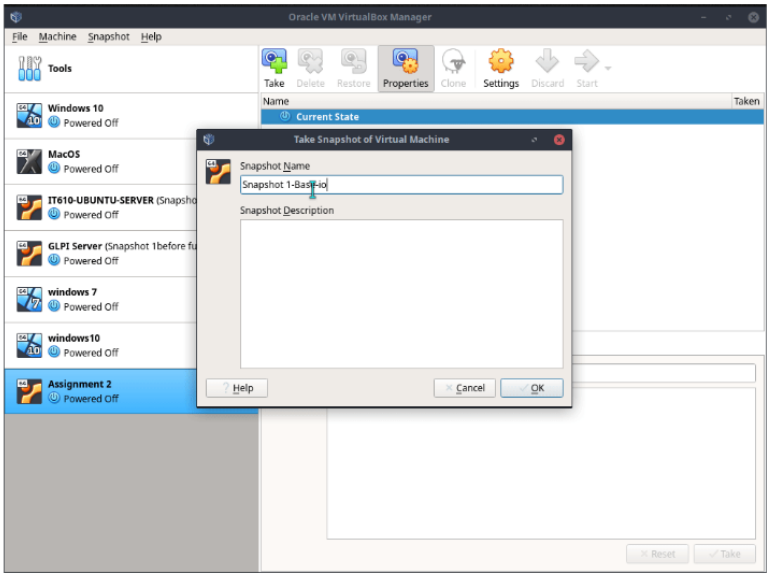
- Creating Snapshots

Take a snapshot of a virtual machine

Always take snapshots of your virtual machine turned off to reduce the size of the snapshot.



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