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Week Report 2

The basics of virtualization

- 1. **What is virtualization** Definition of virtualization is replication of hardware to stimulate a virtual machine inside a physical machine
- 2. **Types of virtualization** There are two general types of virtualization, one of them is server-side virtualization

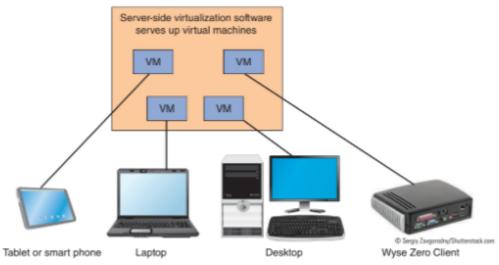


Figure 20-1 Server-side virtualization provides a virtual desktop to each user

the second one is client-side virtualization

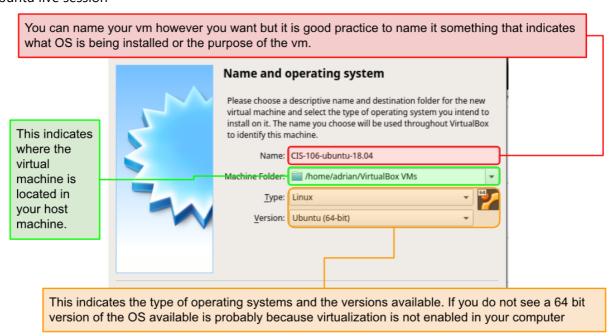
Client-side virtualization

- Software installed on a computer to manage virtual machines
- Each VM has its own operating system installed
- For client-side virtualization, the computer needs:
- A hypervisor (Software that allows the management of virtual machines)
- Hardware support
- capable CPU
- Enough RAM
- Enough storage

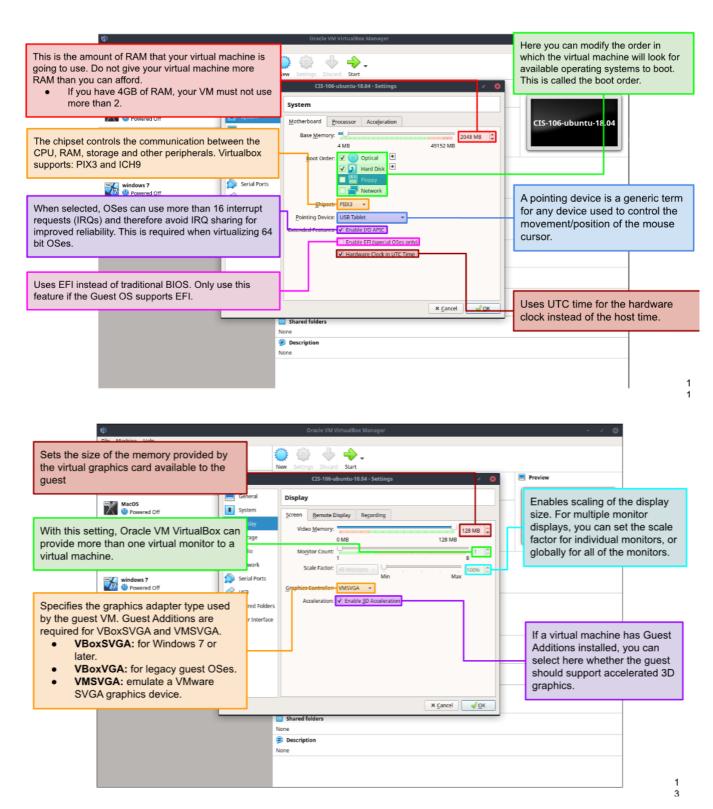


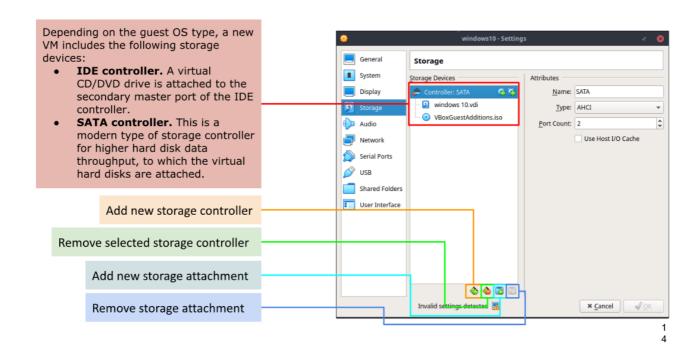
Installing Ubuntu in Virtualbox

• Ubuntu live session



3







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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