Week Report 2

The basics of virtualization

What is virtualization?

Virtualization is replication of hardware to simulate a virtual machine inside a physical machine.

Types of virtualization

1. Server-side virtualization: provides a virtual desktop to each user

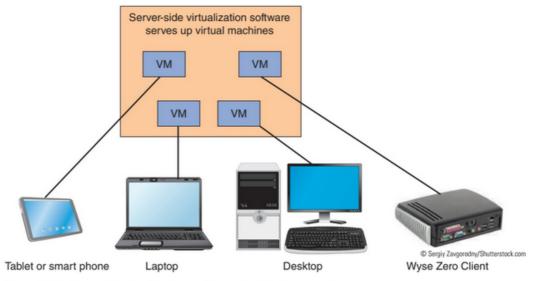


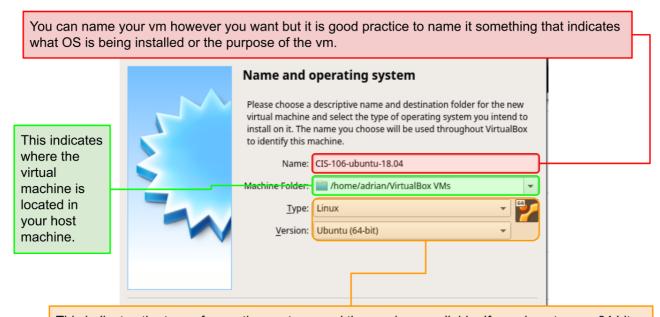
Figure 20-1 Server-side virtualization provides a virtual desktop to each user

2. Client-side virtualization: is a software installed on a computer to manage virtual machines

Client-side virtualization

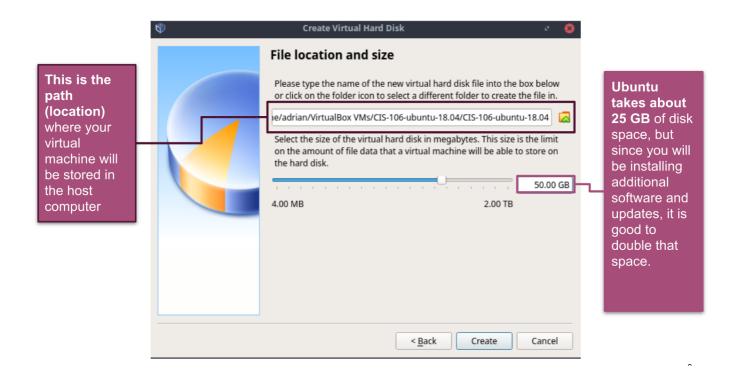
- Software installed on a computer to manage virtual machines
- Each VM has its own operating system installed
- For client-side virtualization, the computer needs:
- A hypervisor (Software that allows the management of virtual machines)
- Hardware support
- capable CPU
- Enough RAM
- Enough storage





This indicates the type of operating systems and the versions available. If you do not see a 64 bit version of the OS available is probably because virtualization is not enabled in your computer

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