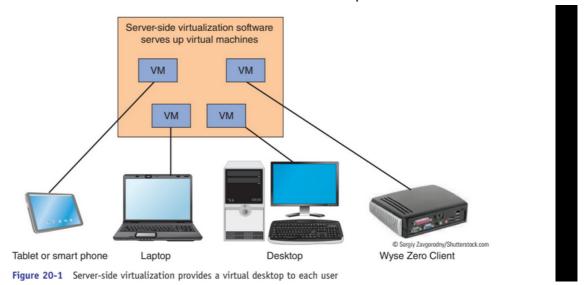
Week Report 2

The basics of virtualization

1. **What is virtualization?** Definition of virtualization- Replication of hardware to simulate a virtual machine inside a physical machine.

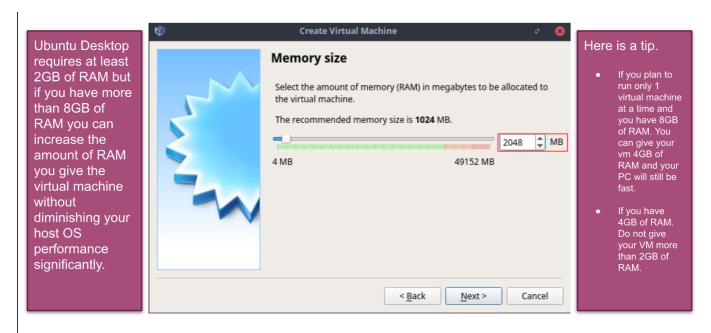
2. **Types of virtualization** Two types of virtualization, server side virtualization and client side virtualization. The difference between the two is where each take place. **Server Side Virtualization**

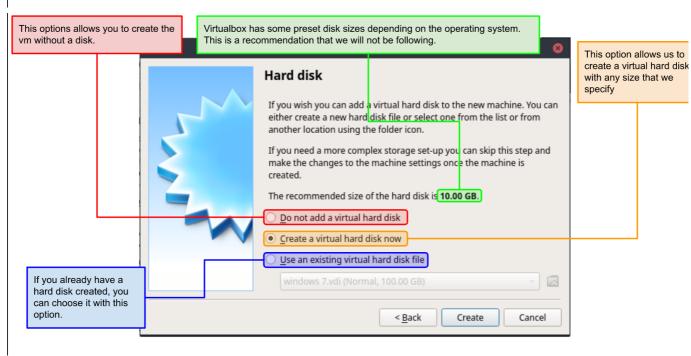


Client Side Virtualization



Installing Ubuntu in Virtualbox





Choosing "Dynamically Allocated" This will initially be very small and not occupy any space for unused virtual disk sectors, but will grow every time a disk sector is written

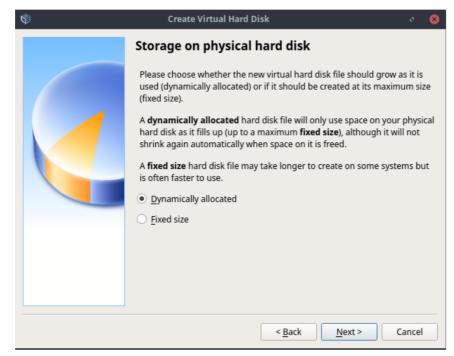
to for the first

time, until the

maximum

drive reaches the

capacity chosen



Choosing "Fixed Size" If you create a fixed-size image, an image file will be created on your host system which has roughly the same size as the virtual disk's capacity. So, for a 10 GB disk, you will have a 10 GB file.

