



Module Code & Module Title

Level 5 –CT5052 Network Operating Systems

Assessment Type

Logbook 2

Semester

2023/24 Spring/Autumn

Student Name: Muna Pun

London Met ID: 23048838

College ID: NP04CP4A230233

Assignment Due Date: November 11, 2024

Assignment Submission Date: November 6, 2024

Submitted To: Prasant Adhikari

Word Count (Where Required): 666

I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a mark of zero will be awarded.

Table of content

1 Introduction	3
1.1 Aim of the report.....	3
2. Objectives of the report	3
3. Required tools and concept	3
4. Steps of Replicate	4
References.....	10

Table of Figures

Figure 1 Choosing the Windows Server.....	4
Figure 2 Choosing memory size	4
Figure 3 Selecting the default settings	5
Figure 4 selecting the default settings.....	5
Figure 5 selecting the default settings.....	6
Figure 6 Selecting desktop experience version.....	6
Figure 7 Accepting the terms and Condition	7
Figure 8 choosing the custom installation	7
Figure 9 choosing the installation location	8
Figure 10 Installing windows server 2024	8
Figure 11 logging in.....	9
Figure 12 home screen	9

1 Introduction

VirtualBox is a cross-platform virtualization application that allows you to run multiple operating systems simultaneously on the same computer. (Srinivasa K. G., 2018). With the help of VirtualBox we can operate or run the multiple operating systems on a single physical machine and also use for testing software and running multiple applications.

1.1 Aim of the report

The aim of the report is to understand the role of Virtual box in order to run windows 2022 server, which we will use in the further assessment throughout the semester.

Aim to install windows server 2022 in VirtualBox:

- To test new software without any risking primary Operating System.
- It is Adaptability and can easily be created, can be modified and delete virtual machines.
- It is affordable and we can avoid the cost of physical hardware.

2. Objectives of the report

The following are the objectives of this report:

- To learn about the concept of virtual box and IOS files
- To get to know about the installations process of operating system

2. Required tools and concept

1. Download and install the latest version Virtual Box from the official website.

2. Download the Windows Server 2022 ISO file
3. The following are estimated system minimum requirements for Windows Server.

4. Steps of Replicate

Step 1: Downloading and installing Virtual Box

Step 2: Downloading Windows server 2022

Step 3: Opening Virtual Box and choosing the windows Server Version and memory size

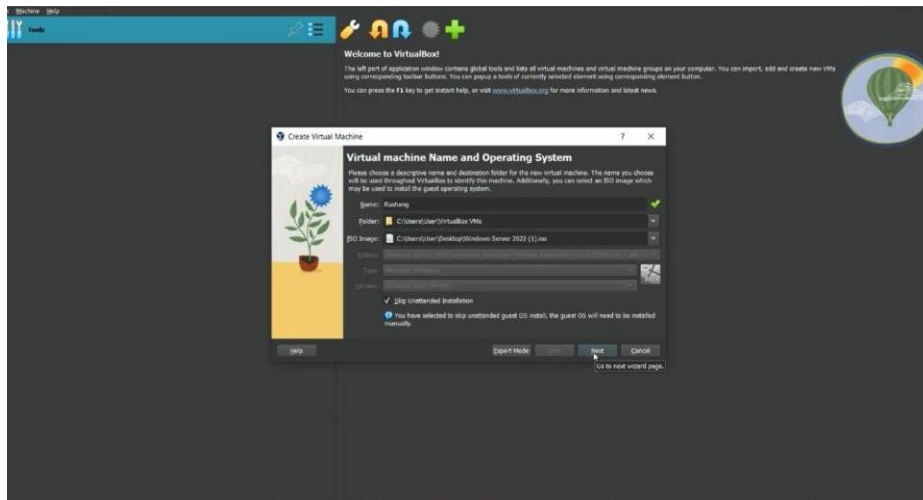


Figure 1 Choosing the Windows Server

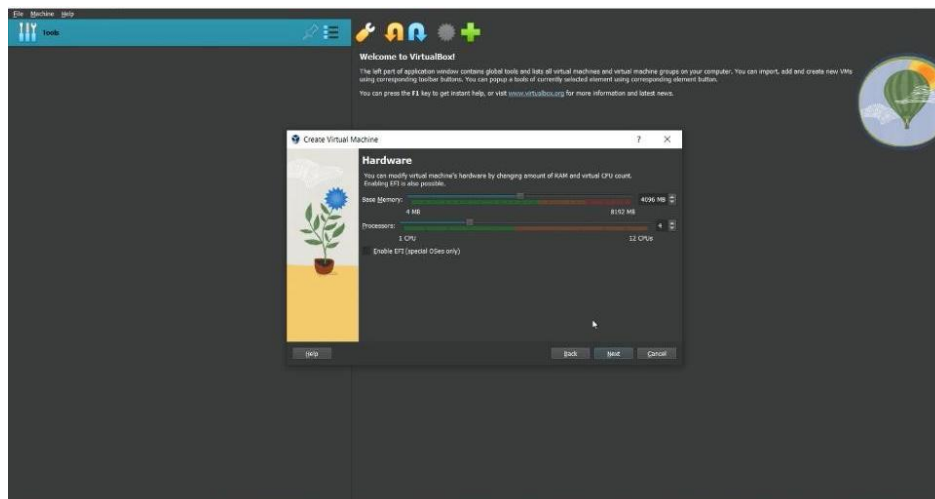


Figure 2 Choosing memory size

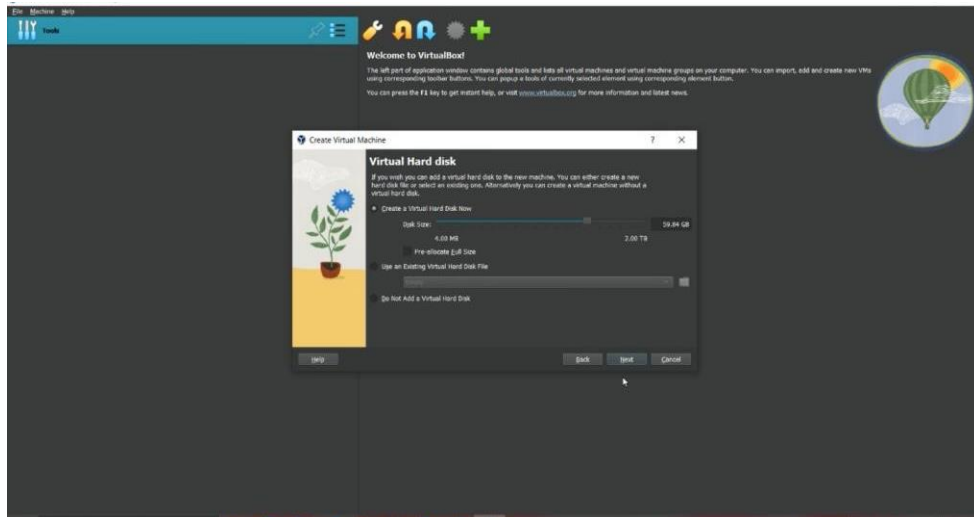
Step 4: Mounting the ISO file the Default Virtual Disc

Figure 3 Selecting the default settings

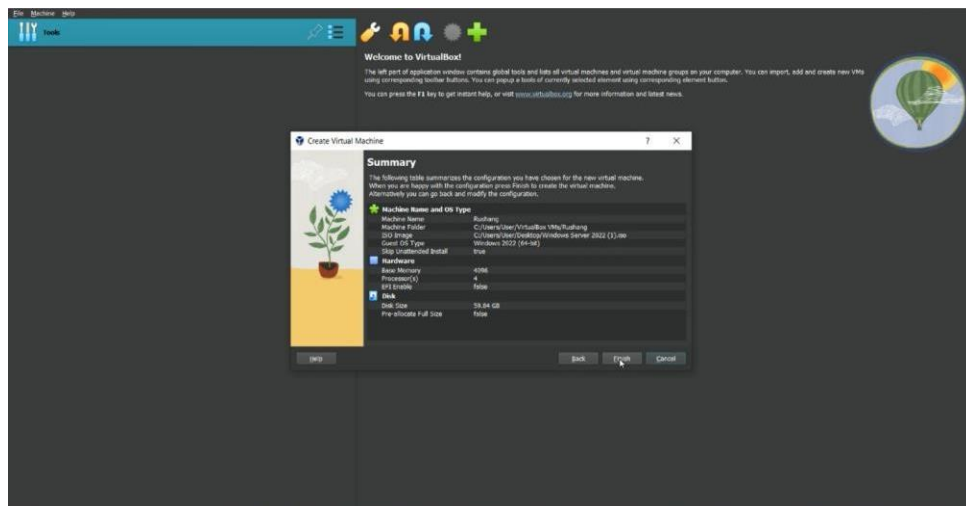


Figure 4 selecting the default settings

Step 5: Create shared folder in Virtual Box and allocating size

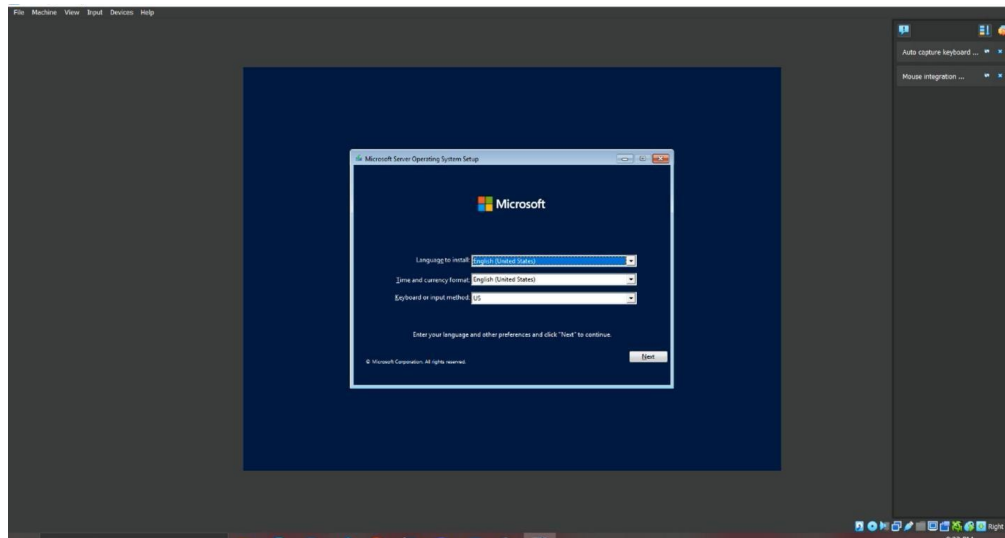


Figure 5 selecting the default settings

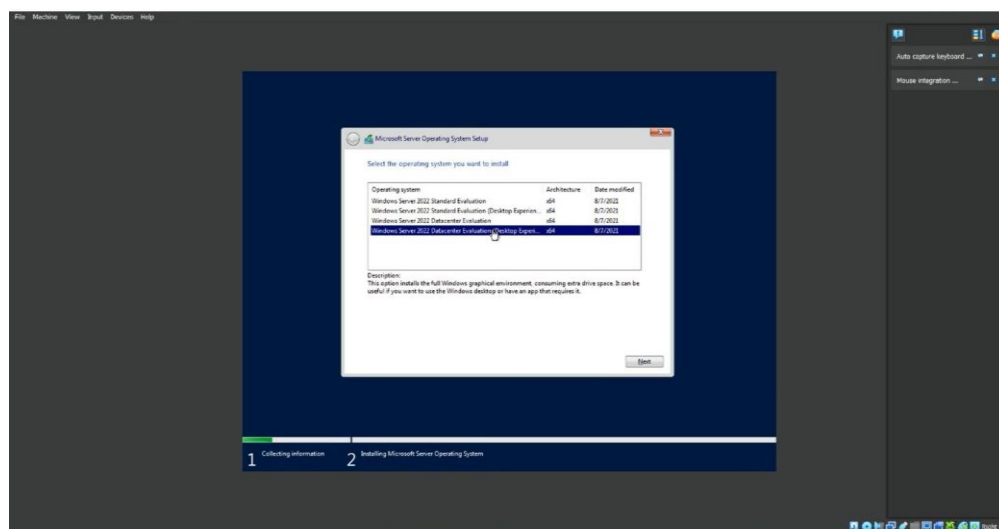


Figure 6 Selecting desktop experience version

Step 6: Powering on the VM for the first time

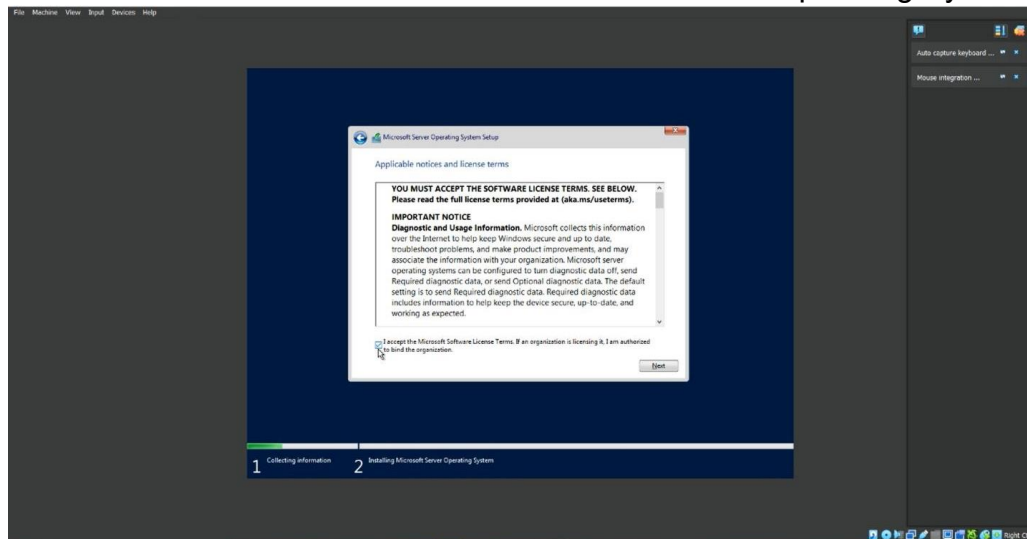


Figure 7 Accepting the terms and Condition

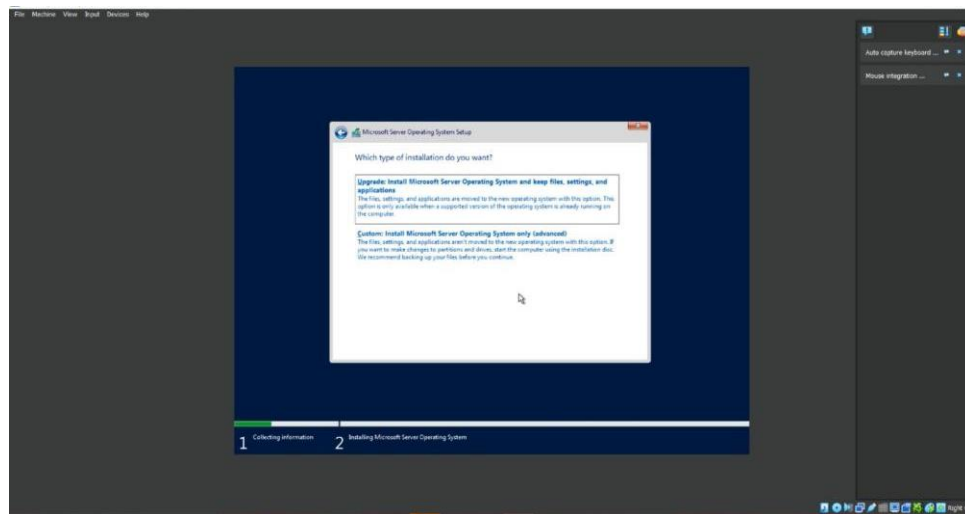


Figure 8 choosing the custom installation

Step 7: Choose the installation location

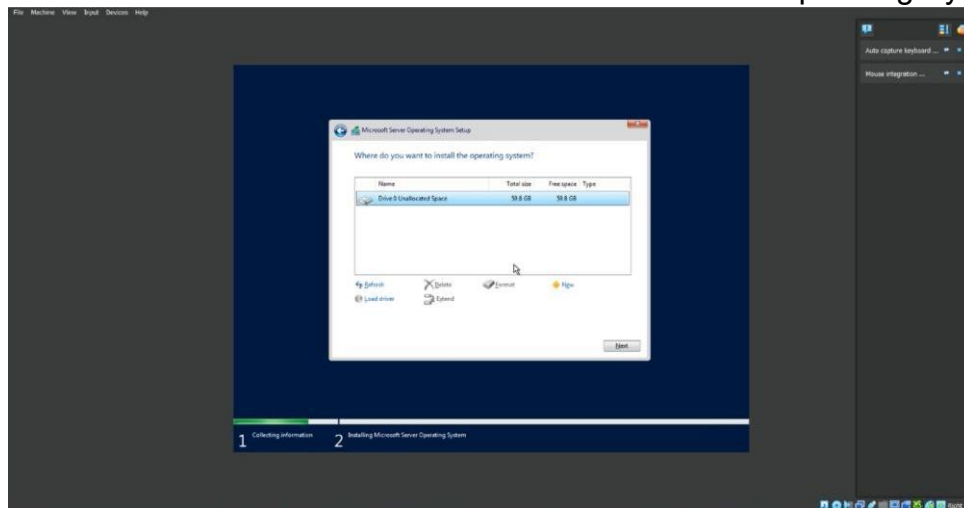


Figure 9 choosing the installation location

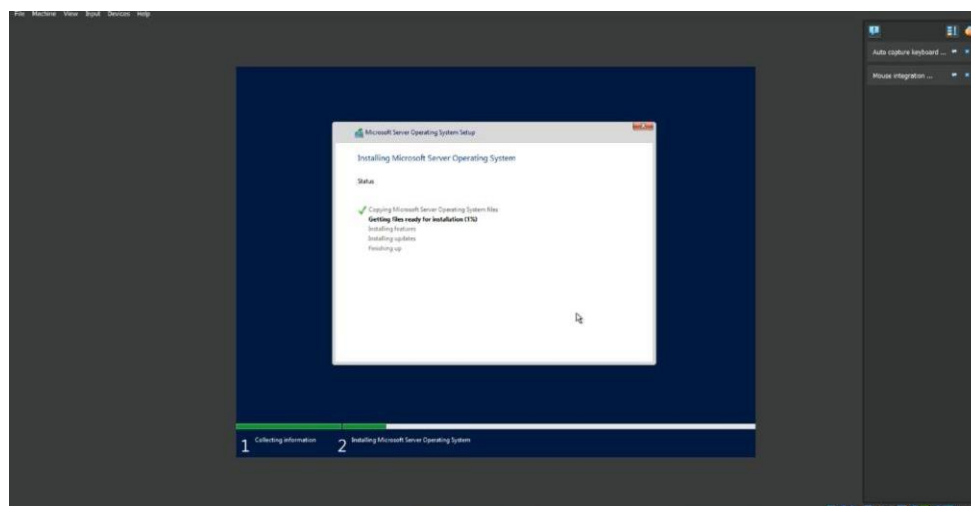


Figure 10 Installing windows server 2024

Step 8: Finishing the installation by setting the password and proceeding for log in

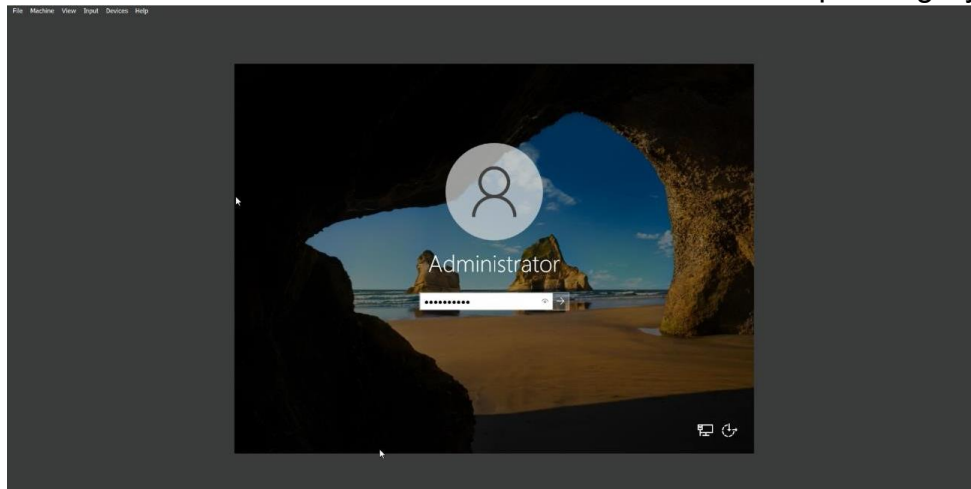


Figure 11 logging in

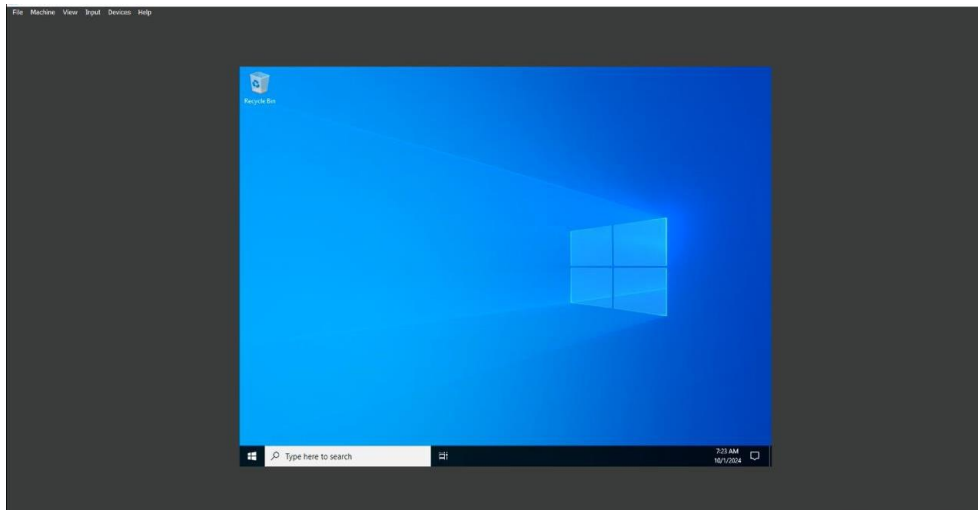


Figure 12 home screen

1.5. Conclusion

Oracle VirtualBox is really important for running Windows Server 2022 in our report which makes things easier by letting us use the server without any risking primary Operating System. Also, it helps us work with multiple systems at the same time, making everything more flexible and efficient. After we understand how it works, we can

use this knowledge to set up Windows Server 2022 and do well in our assessments for the rest of the semester.

References

Srinivasa K. G., A. S. (2018). *Hands-On Guide to Virtual Box*.