



Module Code & Module Title CT5052

Network Operating Systems

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Module leader: Prashant Adhikari

Student Name: Dipen Khatri

London Met ID: 23056968

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I confirm that I understand my coursework needs to be submitted online via my secondary teacher 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.

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1. Introduction

Windows Server 2022 is Microsoft's primary network operating system solution. It includes an option for a graphical user interface to simplify server management and configuration, as well as a command line interface for those who prefer to reduce resource usage.



Figure 1 Windows server 2022

This operating system provides better synergy with Azure, cloud computing solution provided by Microsoft, than other options on the market.



Figure 2 Azure

2. Objectives

The objective of this workshop is to install windows server 2022 on a virtual machine using Virtual Box and an ISO File.

Tools

Oracle Virtual Box

Installing the operating system in a virtual environment requires the use of virtualization software so in this instance, oracle virtual Box will be used.



Figure 3 Oracle

Installation

Windows Server 2022 can be installed using a bootable drive. The following is the process of installation of Windows Server core on a virtual machine.

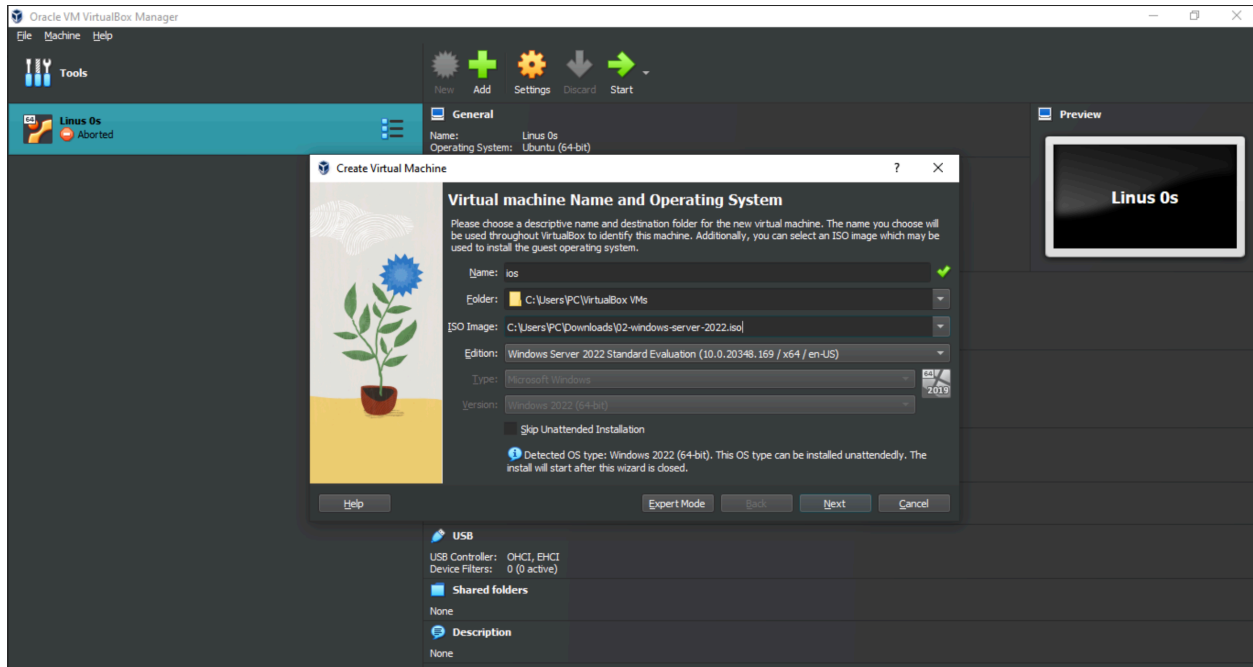


Figure 4 Creating Virtual Machine

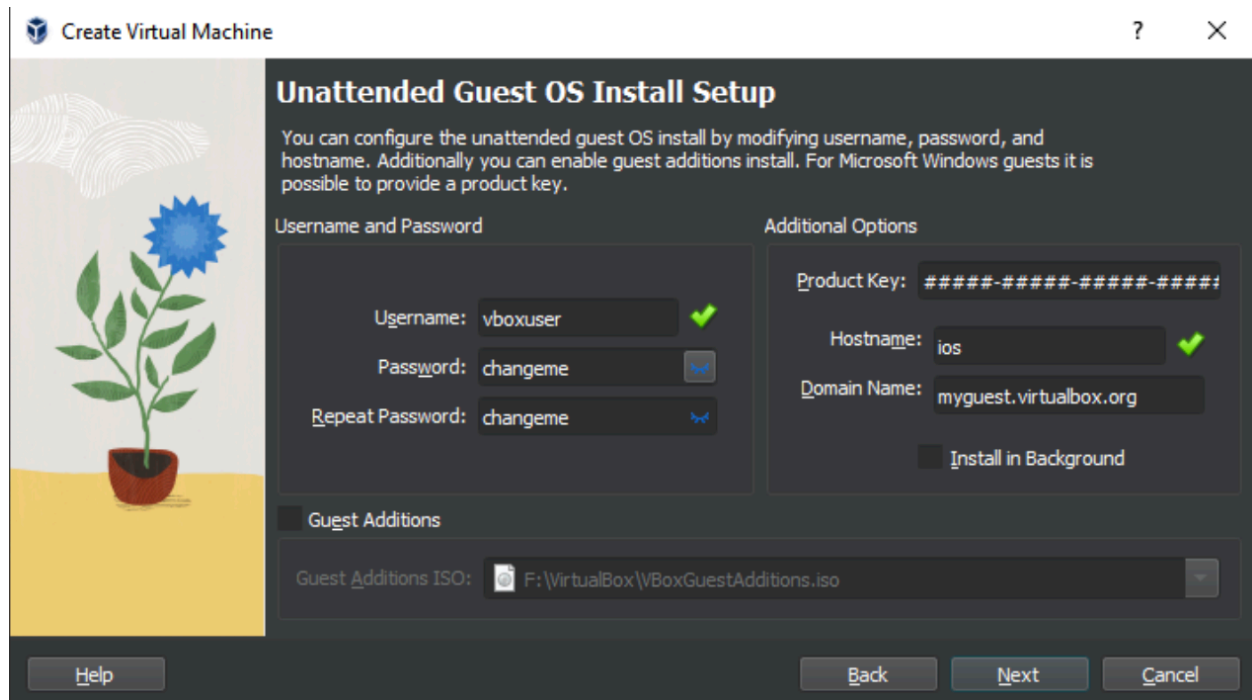


Figure 5 Choosing ISO file

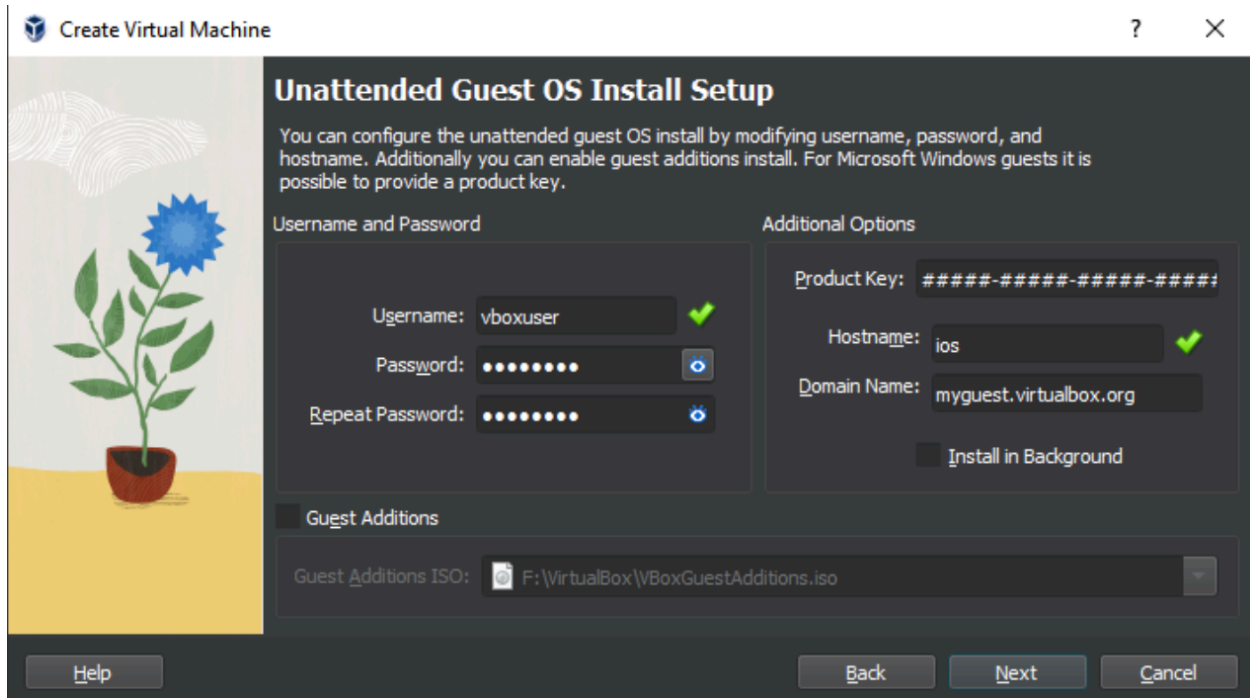


Figure 6 Creating host account

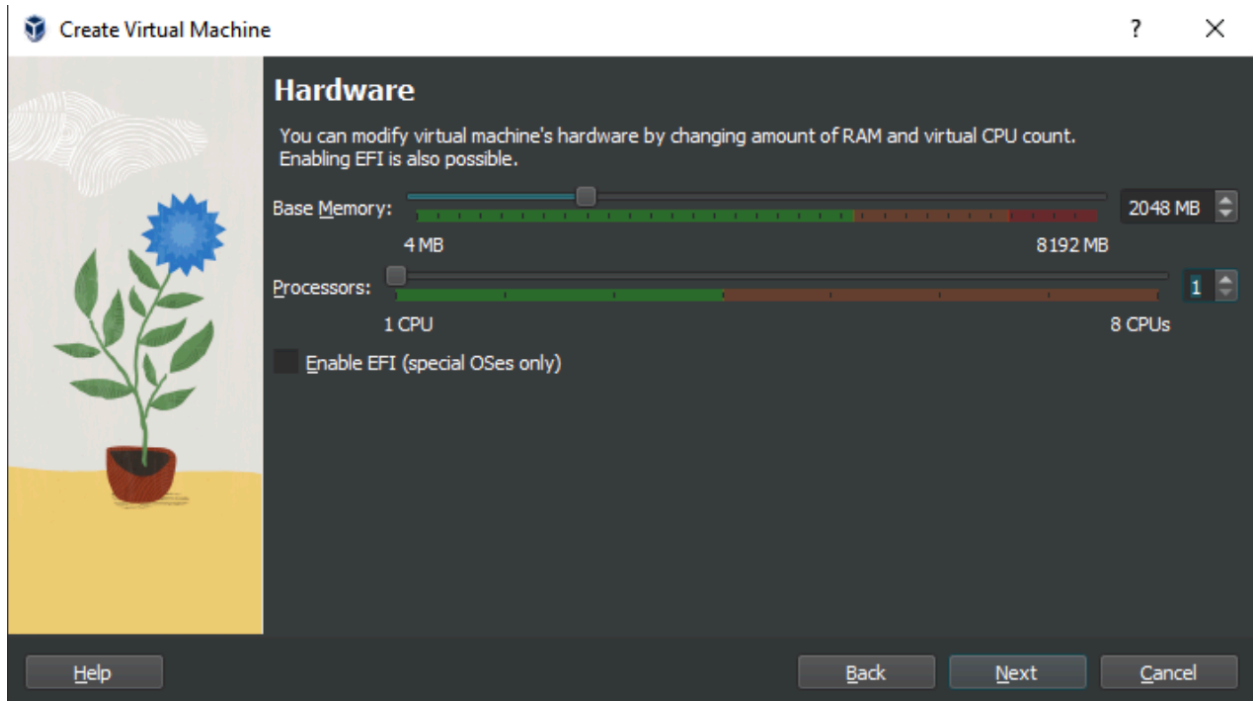


Figure 7 Allocating System resources

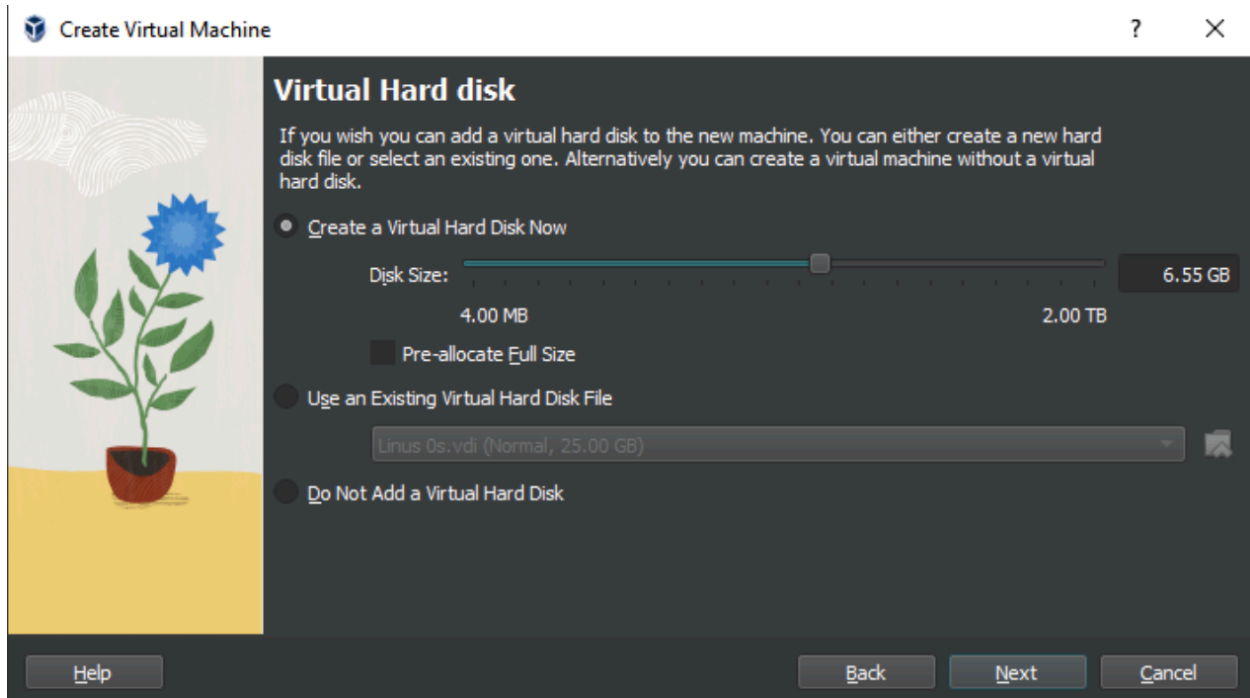


Figure 8 Allocating Storage

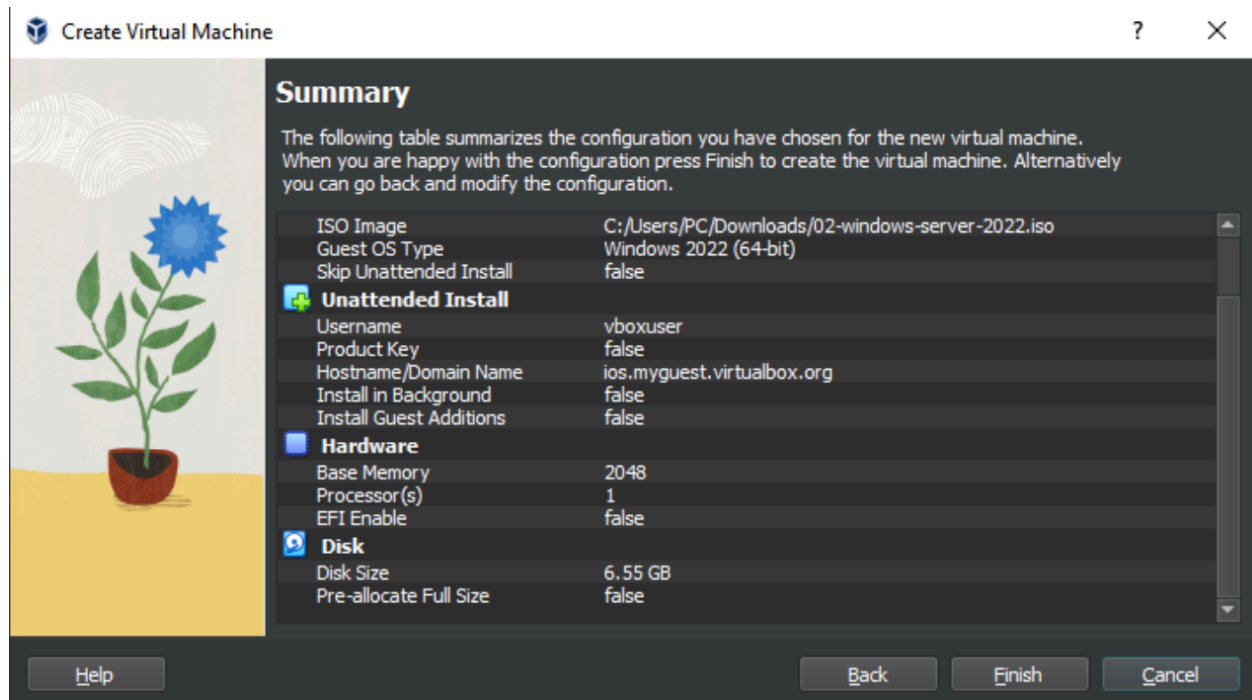


Figure 9 Summary

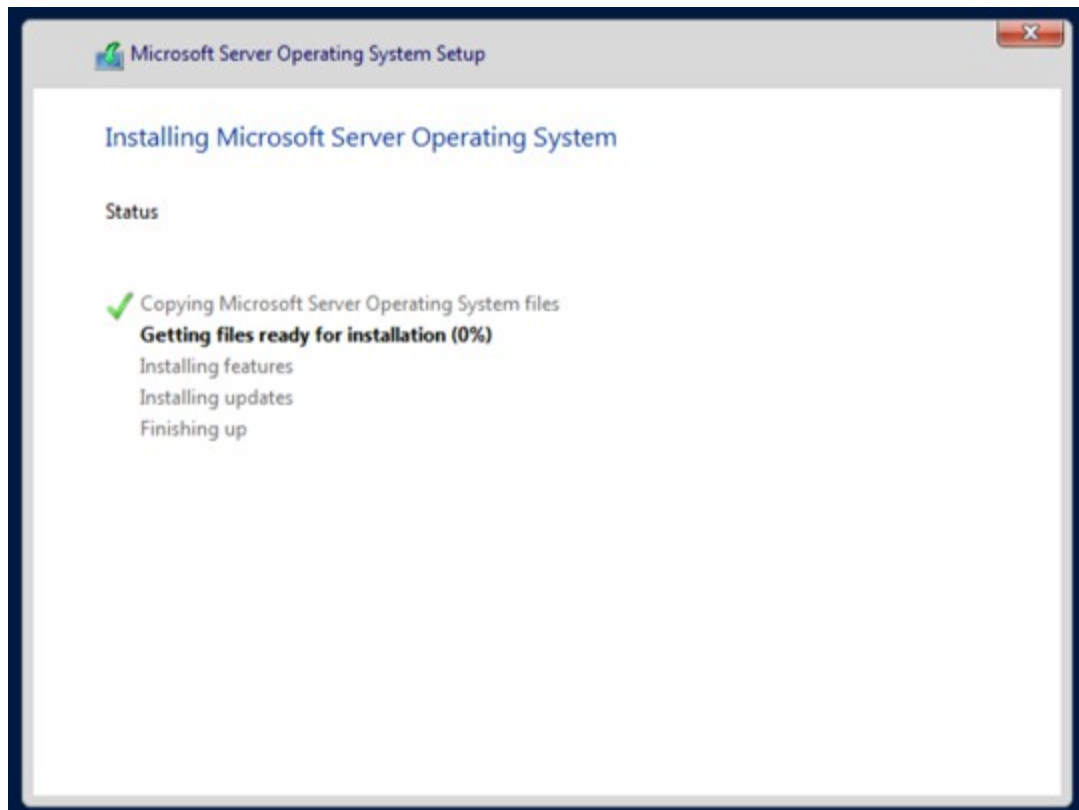


Figure 10 Windows server installation

3. References

https://www.google.com/search?sca_esv=f4c7e32cb0632b69&sxsrf=ADLYWILuii2DaEG2Fd1EicQnjTZnpv8fZw:1731344661321&q=oracle+logo&udm=2&fbs=AEQNm0A-2qeMemLzzt_2BVemHLFNuCSI5jMwuDXSDytcTb5xODqo_tJpGmaSU4pQVEbQQTDWnMPsk8wZNRhz5PGHQwbe9VGOsTvTC6PzQFjR3A55Mcl87gzvGpjAGq9Nm2Y19Am3ZfXn3nnrjEbsyiaTAyx5OIH9kfyofUfrh41ii7MJR49ai3I&sa=X&ved=2ahUKEwjPkJa84dSJAxX1fGwGHfAbOS4QtKgLegQIIBAB&biw=1440&bih=812&dpr=2 - vhid=Q27JRkE-jEJGVM&vssid=mosaic&vwlns=WylwQ0JVUWg2Y0dhaGNLRXdPd3NkUEg0ZFNKQXhVQUFBQUFIUUFBUFBUEJBII0=&Ins=W251bGwsbnVsbCxudWxsLG51bGwsbnVsbCxudWxsLG51bGwsbkVrY0tKR0UwWmpZeFltRTJMV0ZrWIRJdE5HSmtZUzFoWIRrMUxUUXhZamhsWWpsaVptTTFaQklmVFRkTWFGRIbIMnRrY0VWamMwWldkMUyzZG5veE4wVkhZMTk2UTAxU2F3PT0iLG51bGwsbnVsbCxudWxsLG51bGwsbnVsbCxudWxsLG51bGwsWylyNmVhZGM1MS0xZmRILTRmNjEtYmVhOC1jM2IzMzJhZjZiYzMiXV0=

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