



FEU INSTITUTE OF TECHNOLOGY

**COLLEGE OF COMPUTER STUDENTS
INFORMATION TECHNOLOGY DEPARTMENT**

IT0021

(System Administration and Maintenance)

LAB EXERCISE

2

Windows Server Installation

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Members (if Group):	Name	Role	
Section:	TW34		
Professor:	Mr. Abricam Tinga		

I. PROGRAM OUTCOME/S (PO) ADRESSED BY THE LABORATORY EXERCISE

- b. Analyze a complex problem and identify and define the computing requirements appropriate to its solution.

II. COURSE LEARNING OUTCOME/S (CLO) ADDRESSED BY LABORATORY EXERCISE

1. *Justify how resources will be allocated for the various administrative domains*

III. INTENDED LEARNING OUTCOME/S (ILO) ADDRESSED BY THE LABORATORY EXERCISE

- to be familiarized with the installation of Windows Server 2025 for server
- to be familiarized with the features of Windows Server 2025 for server.

IV. BACKGROUND INFORMATION

- Windows Server 2025 is the very newest release of Microsoft's flagship server operating system, developed for meeting new demands put on modern IT infrastructure. Equipped with advanced security out of the box, cloud integration capabilities, and much greater performance, it will be a must-have for any organization seeking to build an environment which will be reliable, scalable, and secure.
- Knowing how installation works is key to smooth deployment, whether one is setting up a server for the first time or upgrading from a previous version. We are going to walk through the step-by-step installation process of Windows Server 2025 in this guide so that we may set your system right from the very beginning. You will have, at the end of this guide, a robust server environment ready to go for everything from file sharing and virtualization to advanced application hosting.

V. LABORATORY ACTIVITY:

PROCEDURES:

A. Preliminary Activity

1. Open Oracle Virtual Box
2. Locate where the Windows Server 2025 iso image is located (C:/Users/Public/Public OVAs)

B. Exercises

Now you're ready to begin. Replace the images here with your own screenshot. Make sure that your whole desktop is seen.

Step 1: Create a Virtual Machine in Oracle Virtual Box

Open Oracle Virtual Box

Click **New** icon

Under **Name and Operating System**,

Name: LastName_Server

ISO Image: Locate the Microsoft Server 2025 image

Edition: Windows Server 2025 Standard Evaluation (Desktop Experience)

Under **Hardware**

Base Memory: 8gb (8192mb)

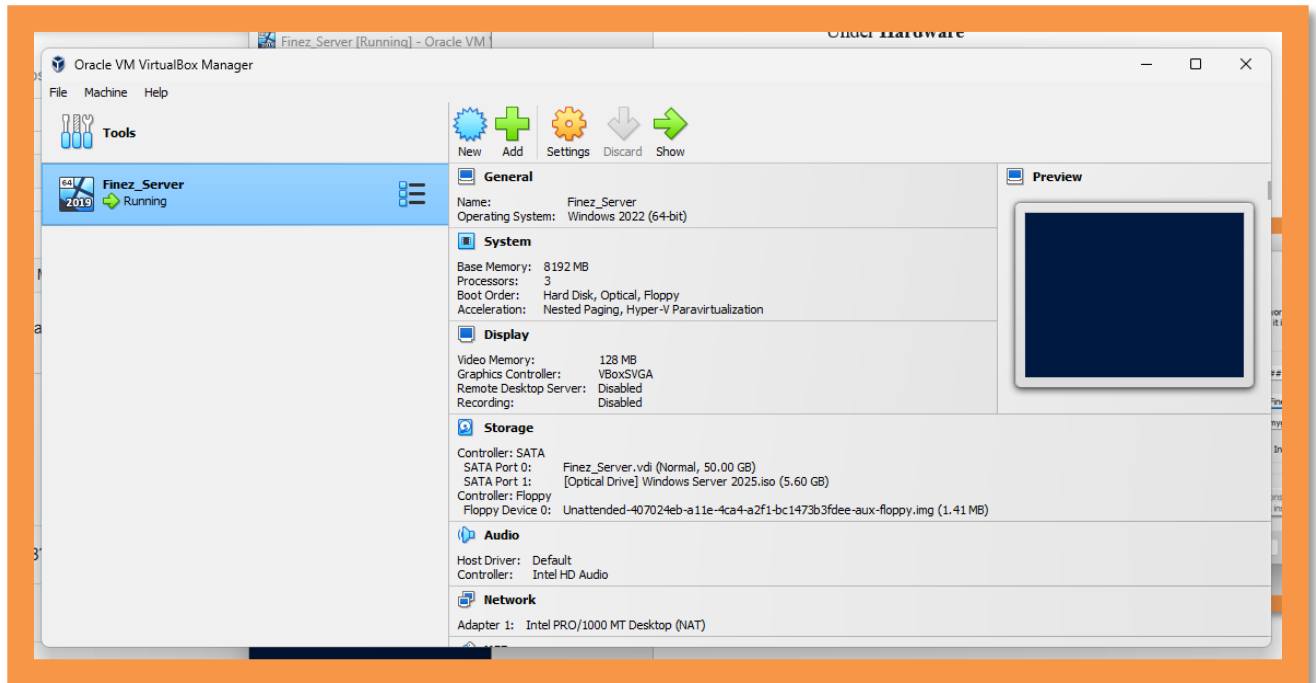
Processor: 3 CPUs

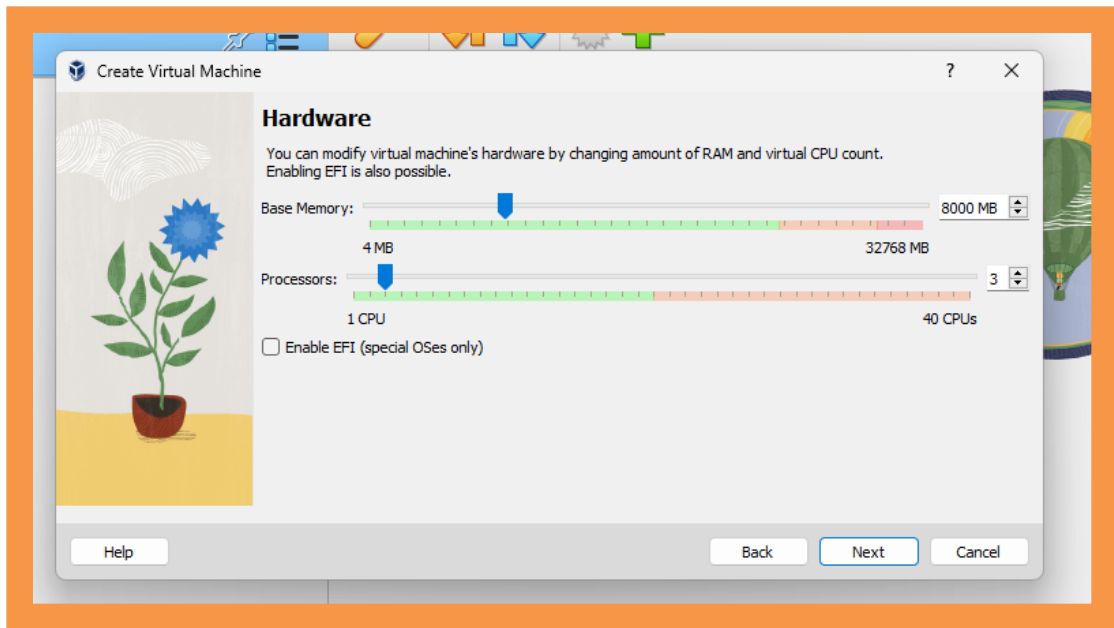
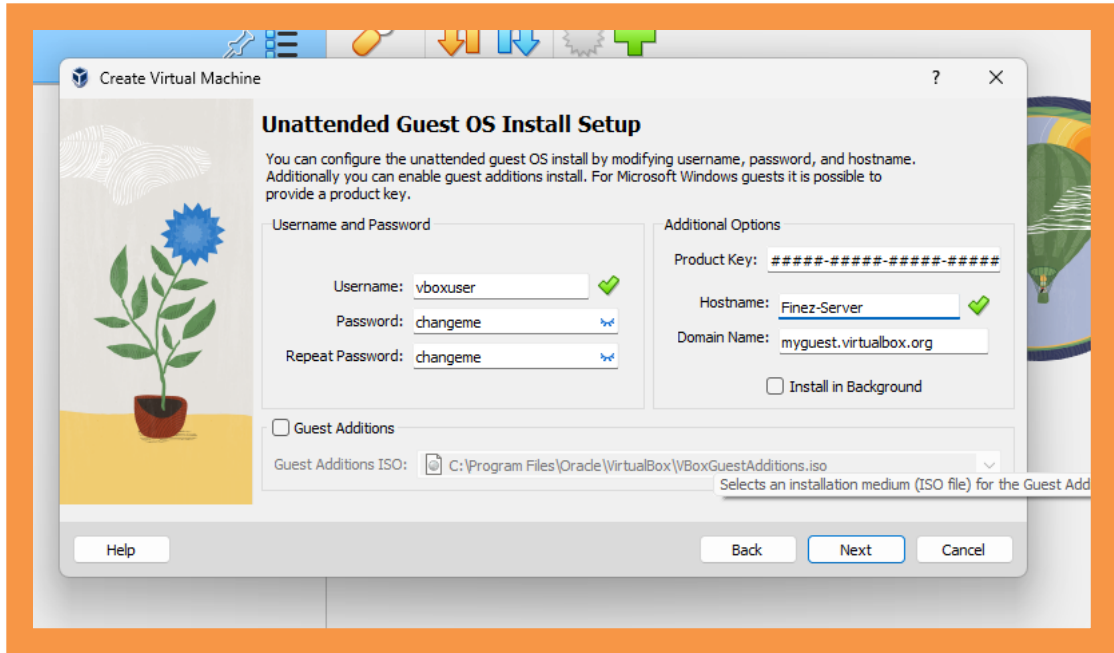
Under **Hard Disk**

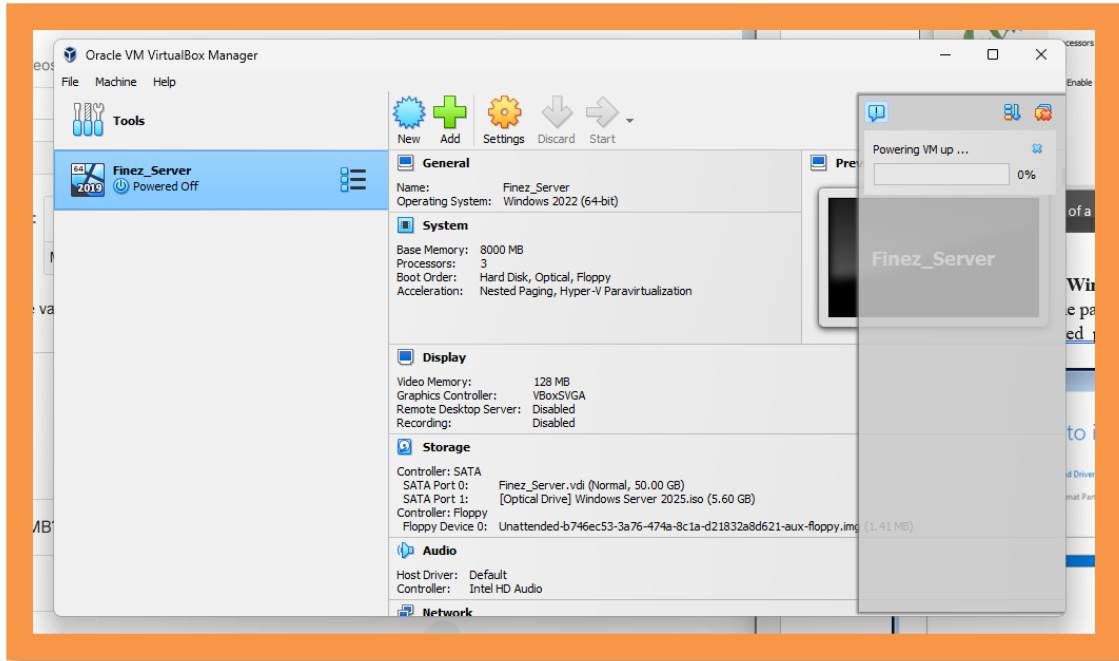
Allocate **50gb** space

Click **Finish**

Click **Start** icon



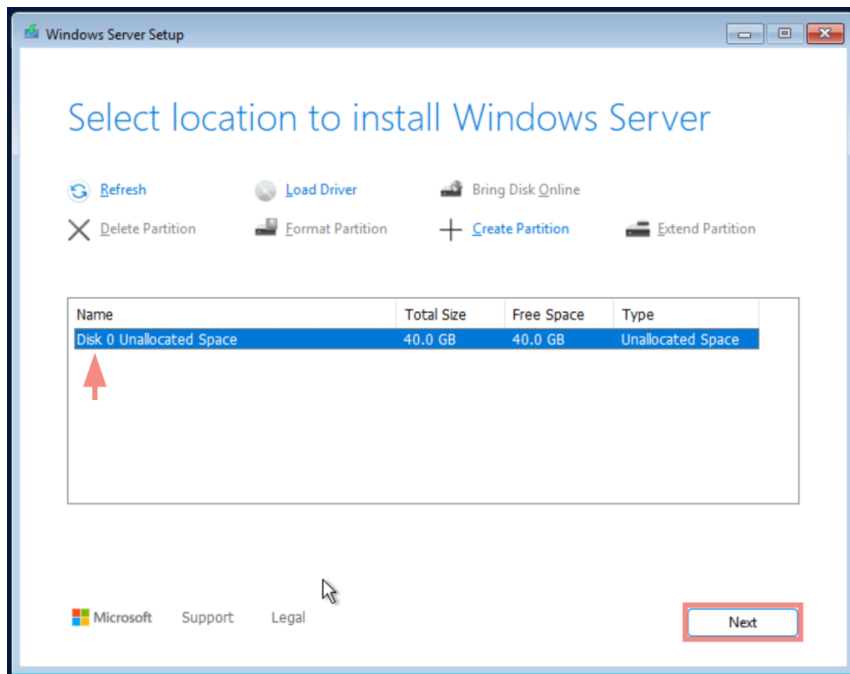


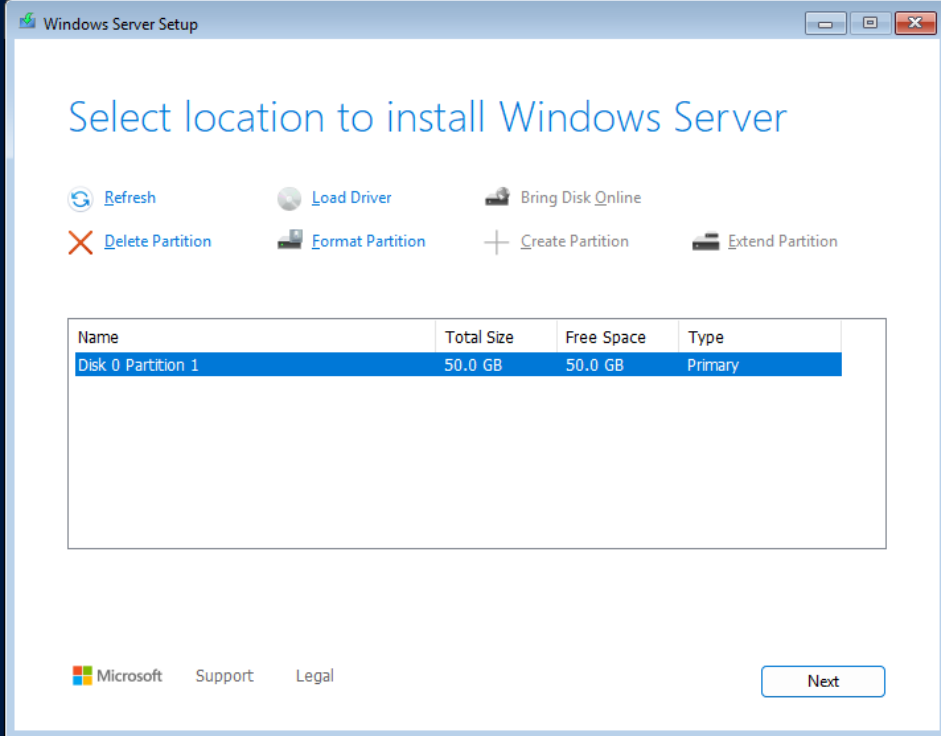


Step 2: Configure the Windows Server 2025 Installation

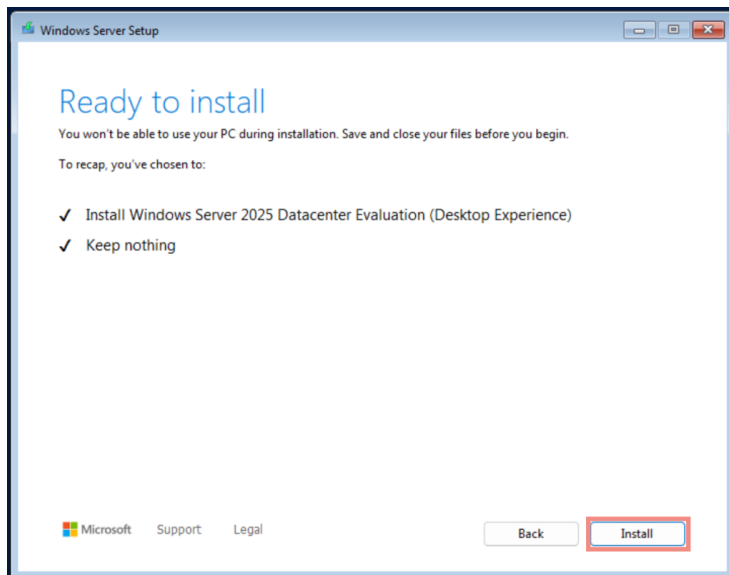
Delete and Re-create the partition (leave it to the default)

Choose the newly created partition with the higher capacity. (Partition 2)

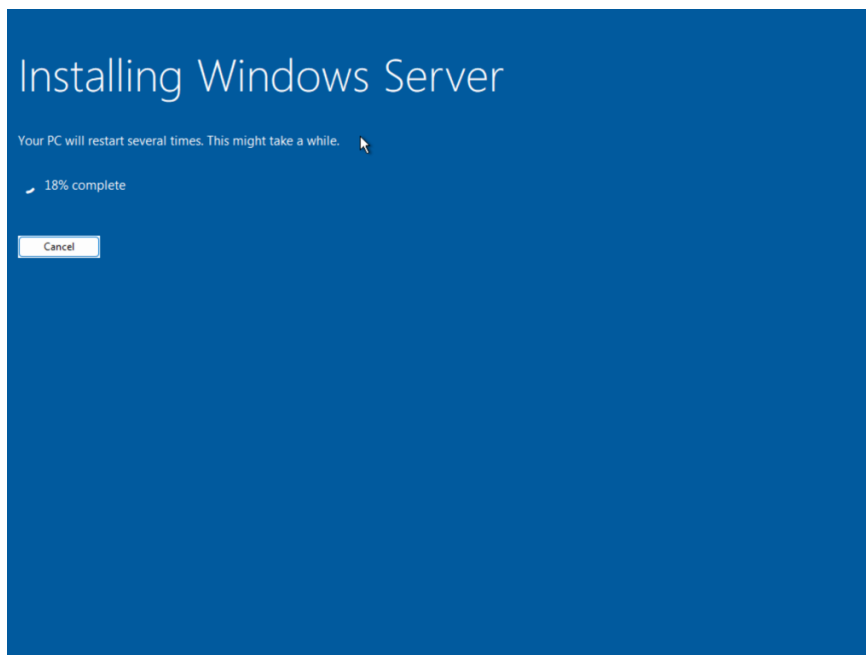


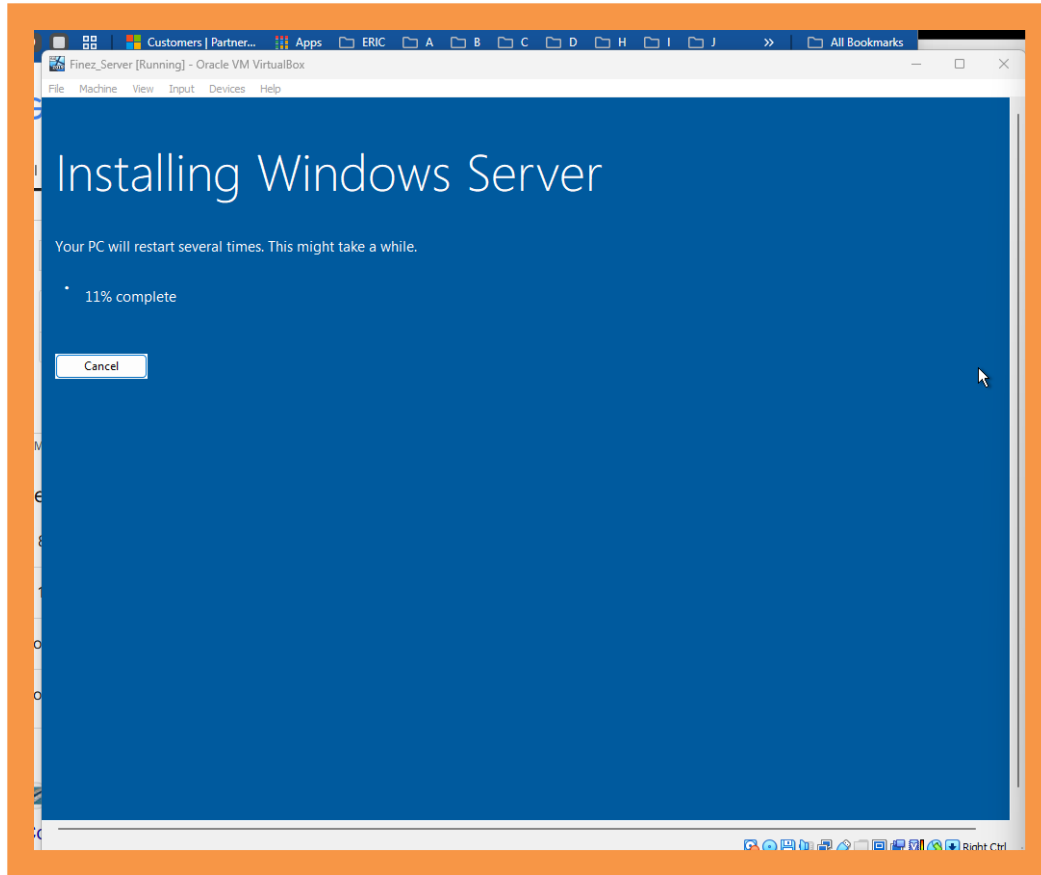


Now click **Install**:



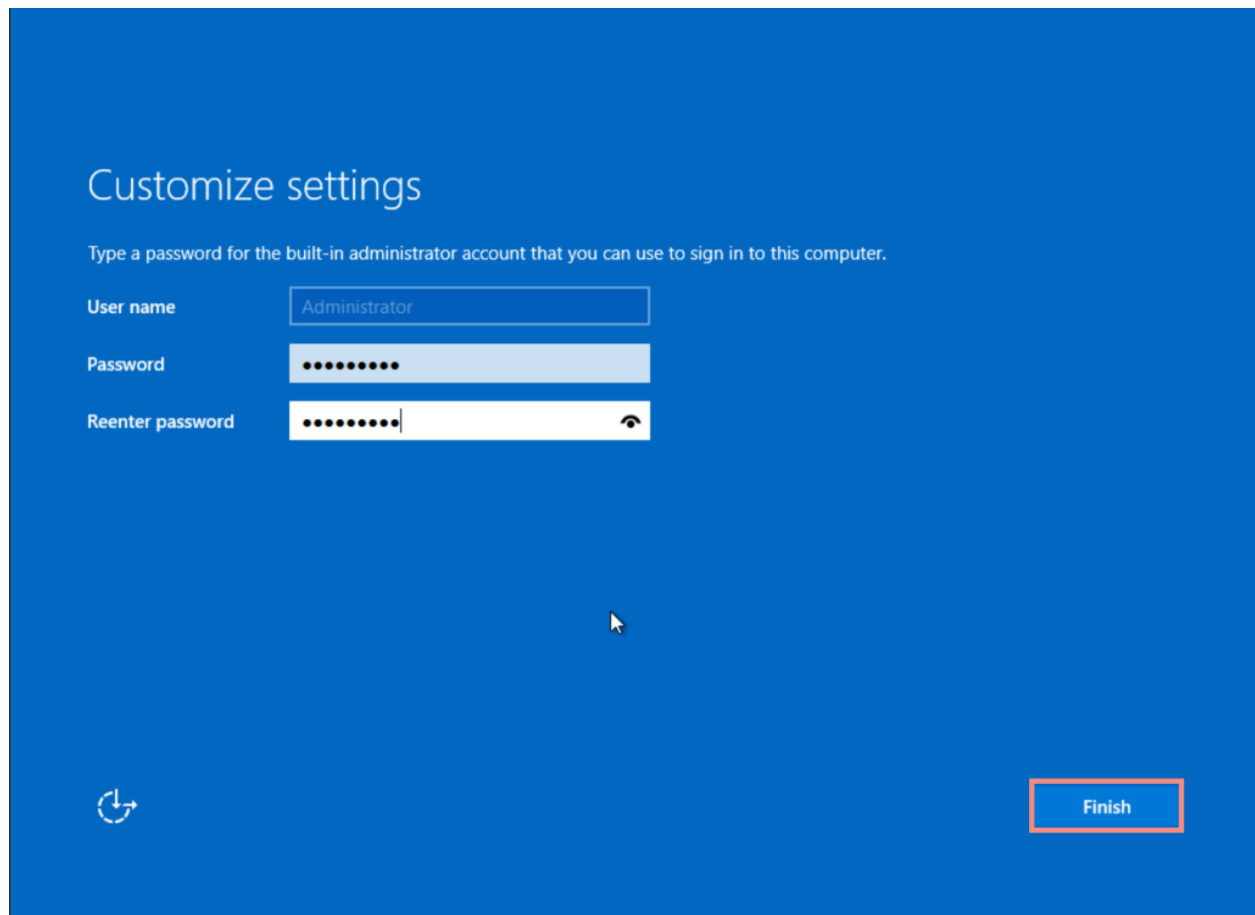
Wait for the installation process to complete:





Step 2: Post-Installation Configuration

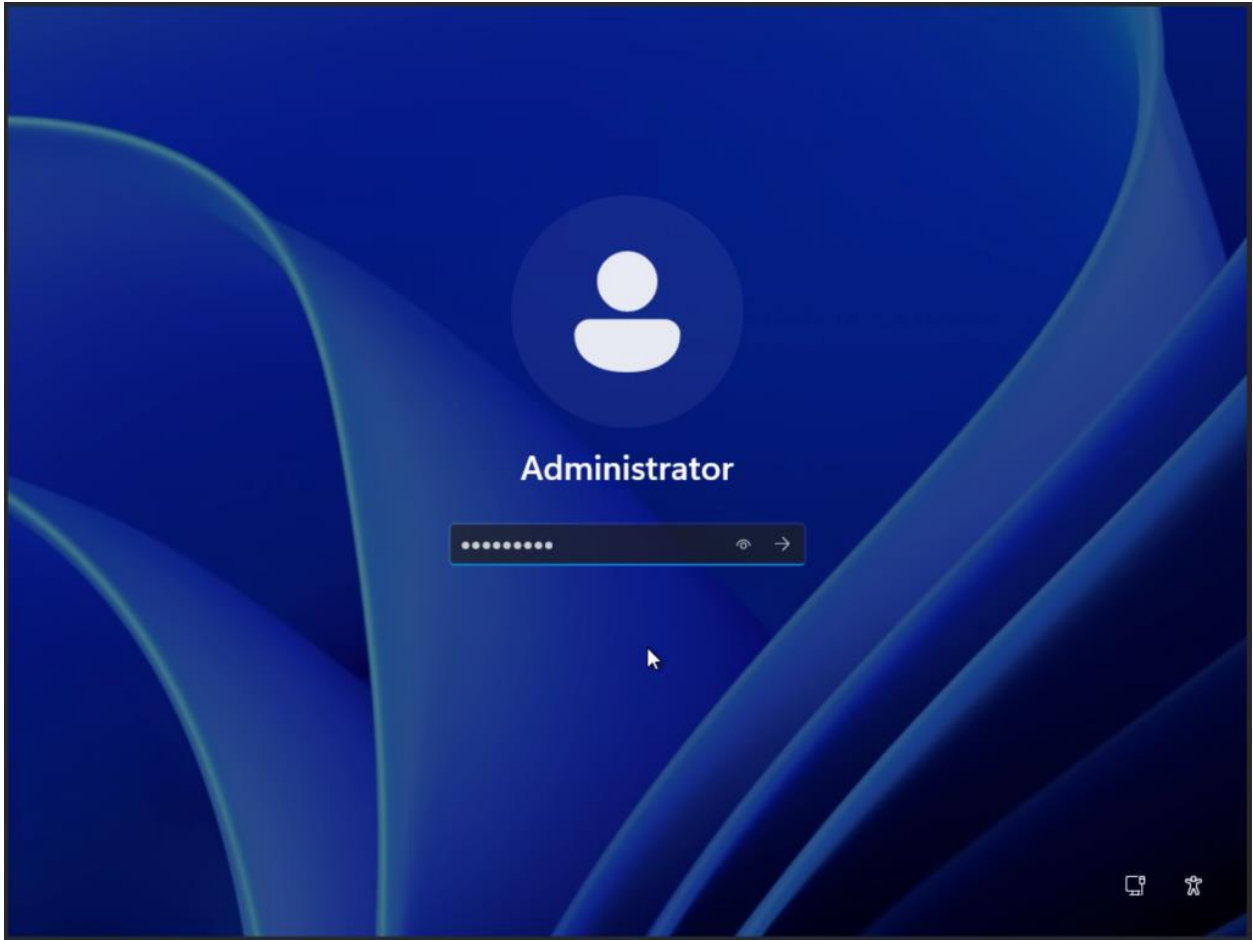
Upon completion, create your Administrator account, input a password, and click on **Finish**.



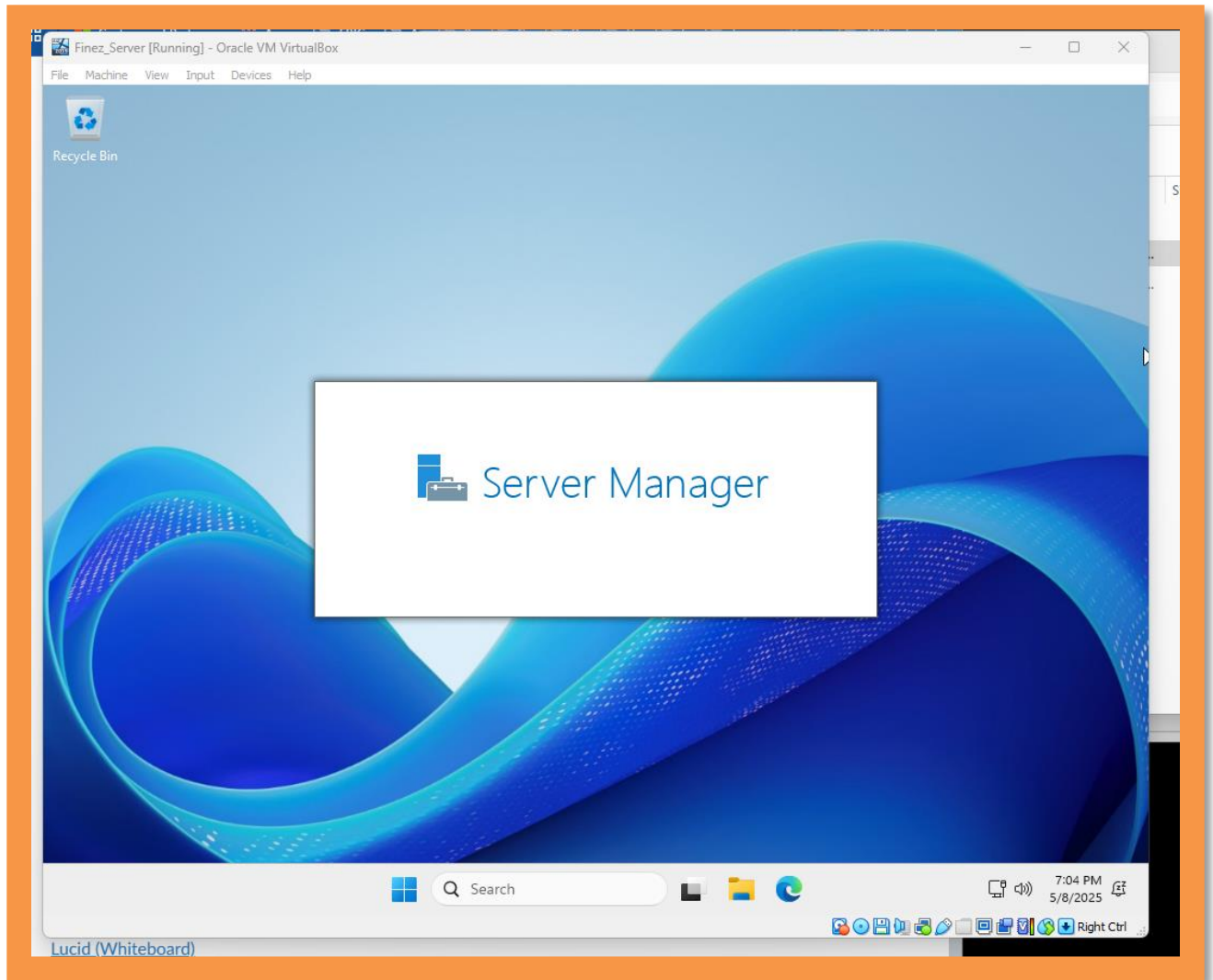
The image shows the 'Customize settings' window in Windows Server 2025. The background is blue. At the top, the text 'Customize settings' is displayed in white. Below it, a message reads: 'Type a password for the built-in administrator account that you can use to sign in to this computer.' There are three input fields: 'User name' with the text 'Administrator', 'Password' with ten black dots, and 'Reenter password' with ten black dots and a small eye icon on the right. At the bottom left is a circular arrow icon, and at the bottom right is a blue button with the text 'Finish' in white, which is highlighted with a red rectangular border.

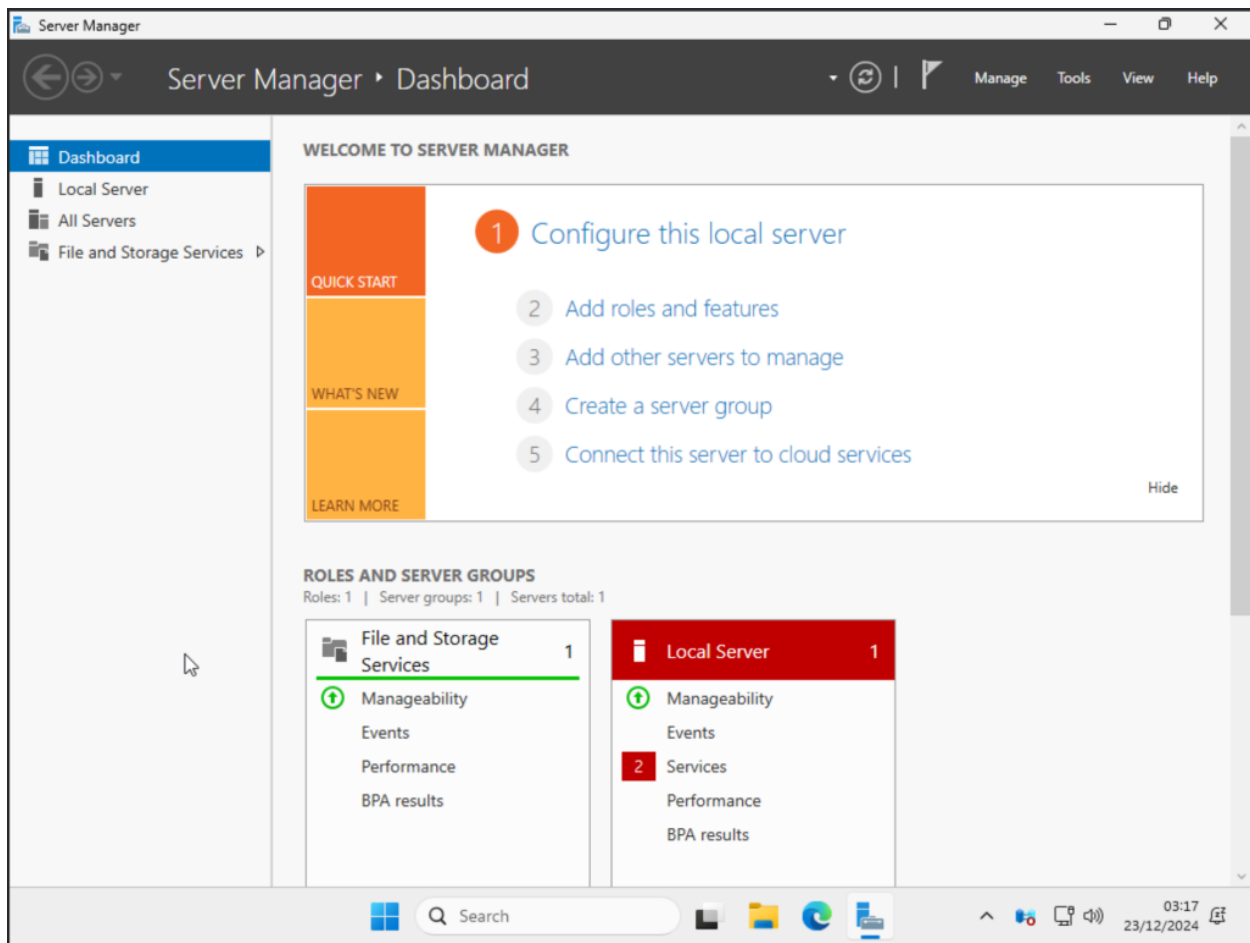
Now log into Windows Server 2025 using your Administrator Account:

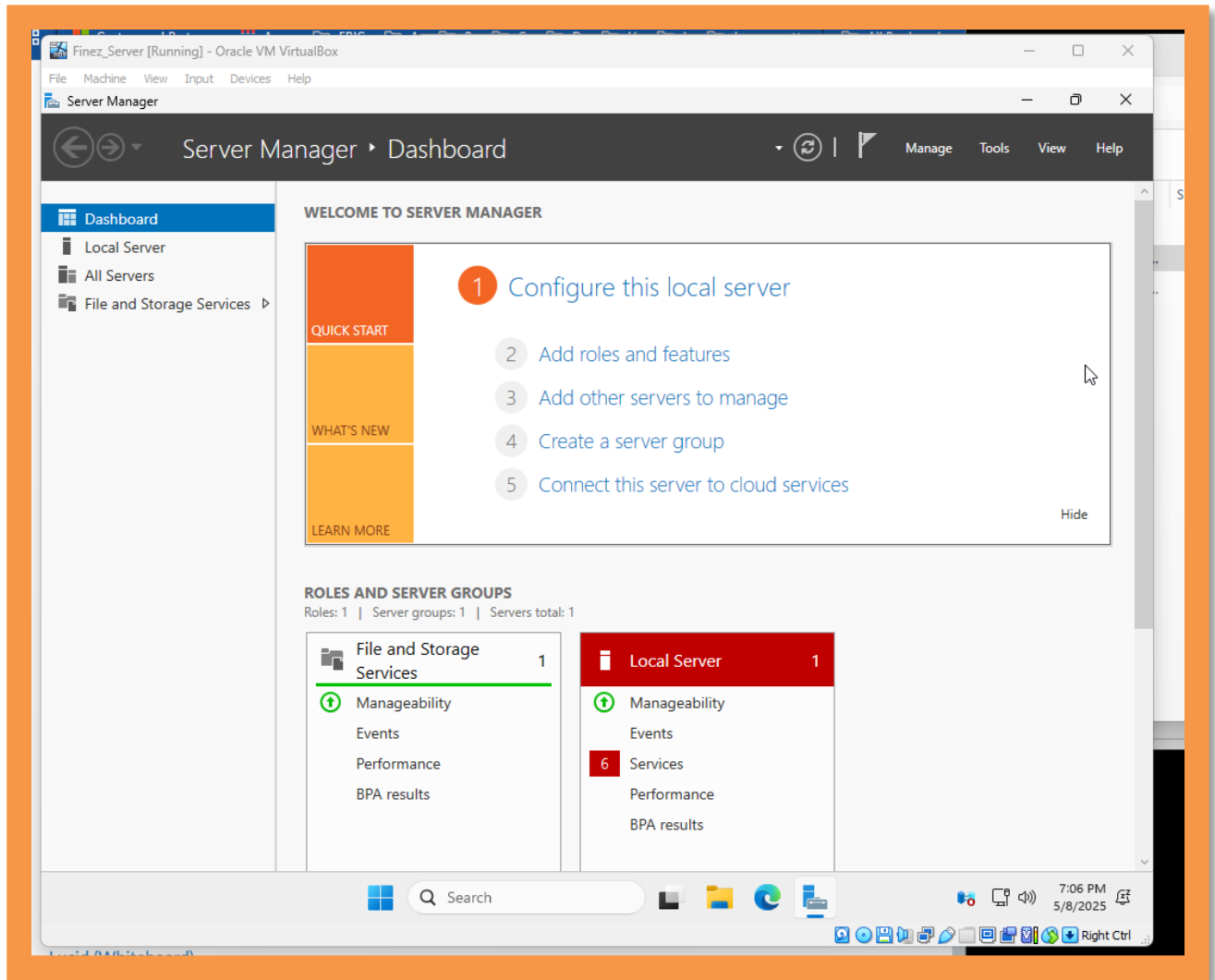
Finez_Administrator123



Welcome to Windows Server 2025.







Conclusion

Windows Server 2025 offers new dimensions of performance, security, and scalability to make this OS robust for modern data centers, enterprise environments, and cloud operations. From virtualization and the hosting of applications to more advanced networking, a well-installed and configured server is the bedrock on which whatever deployment scenario chosen shall rest for its reliability and efficiency.

With Windows Server 2025, you'll have the right tools to build strong infrastructure and, more importantly, manage it to satisfy demanding needs for performance and security in your dynamic information technology environments.

Grading Rubrics:

Criteria	Well Implemented	Satisfactory Implemented	Fairly Implemented	Not Implemented
Accuracy of Output (x8) <ul style="list-style-type: none"> Are the results as expected? 	4	3	2	1
Completeness (x8) <ul style="list-style-type: none"> Do all instructions are performed? 	4	3	2	1
Presentation of Report (x3) <ul style="list-style-type: none"> Clearly present the required outputs and information 	4	3	2	1
Timeliness (x3) <ul style="list-style-type: none"> Submitted the lab activity report within the given time frame 	4	3	2	1
Observation and Conclusion(x3) <ul style="list-style-type: none"> Meaningful observation and conclusion with no grammar error 	4	3	2	1
Total				

VI. REFERENCES

- Blokdyk, Gerardus (2018). *Information security management system A Clear and Concise Reference*. 5STARCooks.
- Blokdyk, Gerardus (2018). *Security Management Information System A Complete Guide*. 5STARCooks.
- Francis, Dishan (2017). *Mastering Active Directory: Understand the Core Functionalities of Active Directory Services Using Microsoft Server 2016 and PowerShell*. Packt
- Kim, David, Solomon, Michael (2016). *Fundamentals of Information Systems Security 3rd Edition*. Jones and Barnet Learning.
- Limoncelli, Thomas;Hogan, Christina; Chalup, Srata (2016). *The Practice of System and Network Administration: Volume 1: DevOps and other Best Practices for Enterprise IT (3rd Edition) 3rd Edition*. Addison-Wesley