Name: Oluwafunmilayo Bamisaye

Netlab+Lab#:

3.1.2.6 Lab- Install Windows

3.1.2.7 Lab – Install Third-Party Software in Windows,

8.3.1.3 Lab- Install a Printer in Windows,

8.4.1.3 Lab- Share a Printer in Windows,

9.1.2.5 Lab -Install Linux in a Virtual Machine and Explore the GUI.

Completed date: September 25, 2024

Week 1 Labs

3.1.2.6 Lab- Install Windows

Three Features/Topics Learned from This Lab:
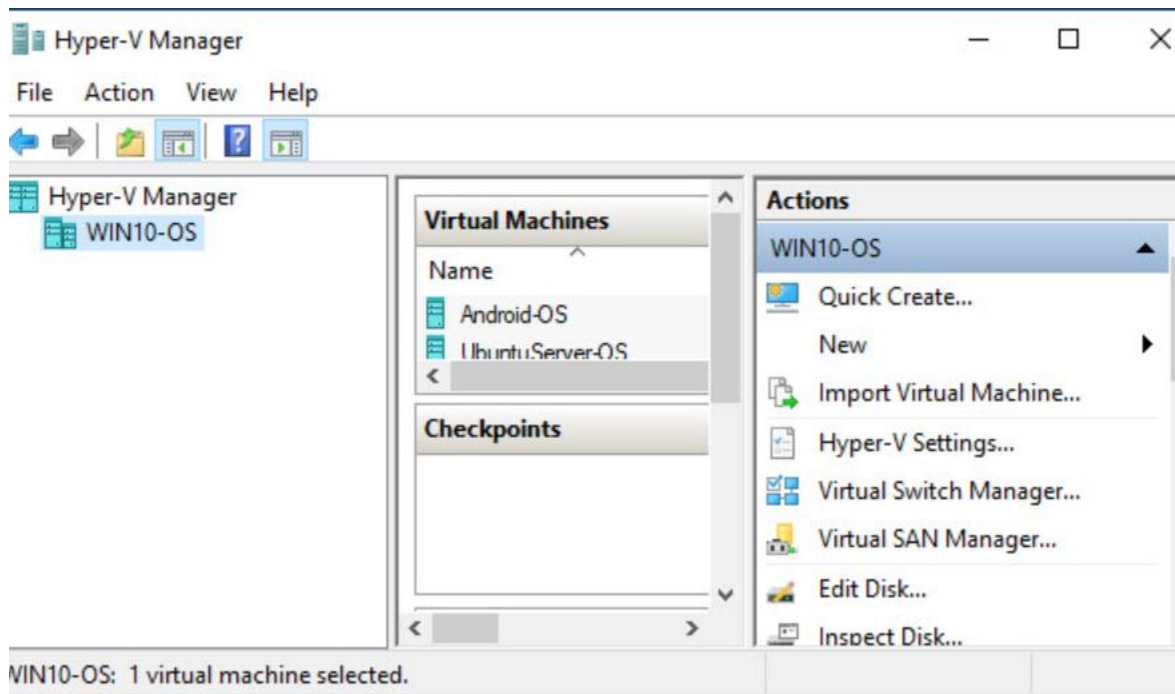
1. **Windows Installation Process**
   Learned the step-by-step process of installing Windows, including booting from an installation media, selecting a partition, and configuring initial settings (such as language, time zone, and keyboard layout).
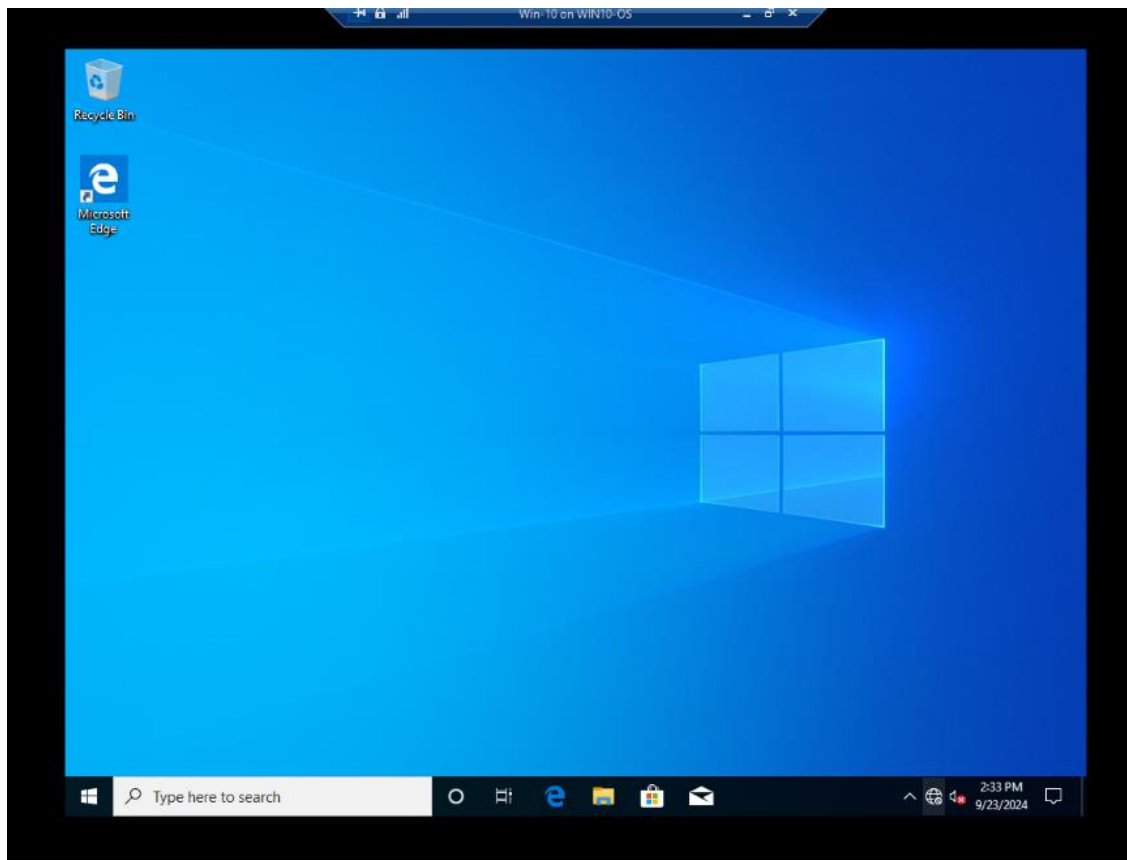2. **Partitioning and Formatting Drives**
   Explored how to partition and format hard drives during the installation process. This includes understanding the difference between primary and secondary partitions, formatting options (such as NTFS), and best practices for drive setup.
3. **Windows Configuration Post-Installation**
   Practiced configuring Windows after installation, which involves setting up user accounts, configuring security settings, and installing essential drivers. This ensures the operating system is functional and ready for software and user customizations.

Win-10 on WIN10-OS

Security info

Windows

Language to install: English (United States)

Time and currency format: English (United States)

Keyboard or input method: US

Enter your language and other preferences and click "Next" to continue.

© 2019 Microsoft Corporation. All rights reserved.

Next

Hyper-V Manager

File   Action   View   Help

Hyper-V Manager
    WIN10-OS

Virtual Machines

Name

Android-OS

UbuntuServer-OS

Checkpoints

Actions

WIN10-OS

Quick Create...

New

Import Virtual Machine...

Hyper-V Settings...

Virtual Switch Manager...

Virtual SAN Manager...

Edit Disk...

Inspect Disk...

WIN10-OS: 1 virtual machine selected.

3.1.2.7 Lab – Install Third-Party Software in Windows

1. **Installing Third-Party Software**
   Gained hands-on experience with the steps for installing third-party applications on Windows, including downloading installer files, choosing installation options, and verifying successful installation.
2. **Managing Software Permissions and Security**
   Learned to manage software permissions, understanding how to adjust security settings to ensure applications are allowed to run safely on the system without compromising security.
3. **Software Updates and Compatibility Checks**
   Practiced checking for software updates post-installation and verifying software compatibility with the Windows operating system to maintain optimal performance and security.

Open File - Security Warning   ✕

Do you want to run this file?

        Name: C:\Toolbox\Install Files\LibreOffice_7.4.5_Win_x64.msi
        Publisher: The Document Foundation
        Type: Windows Installer Package
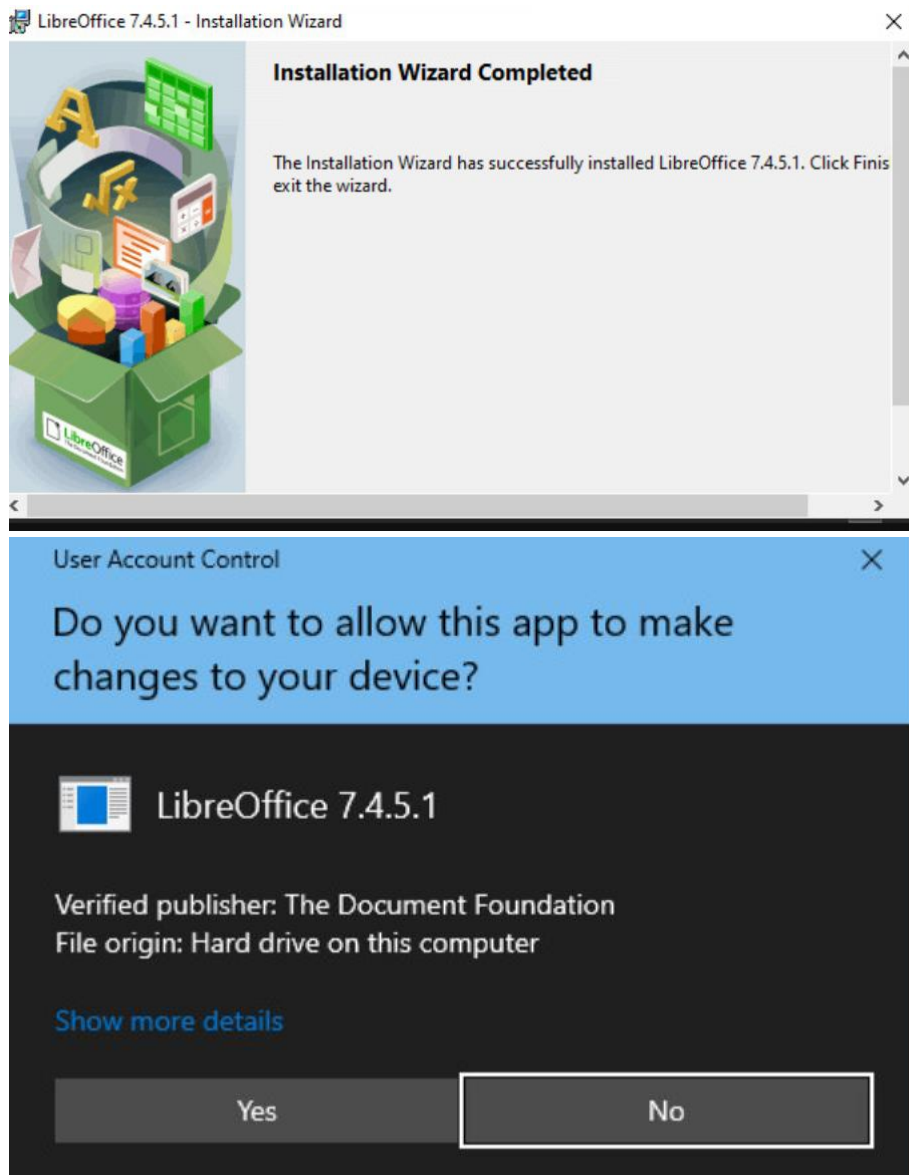   From: C:\Toolbox\Install Files\LibreOffice_7.4.5_Win_x64.msi

                                              [Run]   [Cancel]

☑ Always ask before opening this file

        While files from the Internet can be useful, this file type can potentially
        harm your computer. Only run software from publishers you trust.
        What's the risk?

8.3.1.3 Lab- Install a Printer in Windows

Three Features/Topics Learned from This Lab:

1. **Printer Installation Process**
   Explored the steps to install a printer in Windows, including connecting the printer, installing necessary drivers, and verifying the printer is recognized by the operating system.

2. **Configuring Printer Settings**
    Learned how to configure printer settings, such as setting default printing preferences, adjusting quality and paper options, and managing print queues for efficient printing.

3. **Troubleshooting Printer Connectivity Issues**
    Practiced troubleshooting common printer connectivity issues, like resolving driver compatibility problems, network configuration errors, and ensuring the printer is correctly installed on a local or network setup.

— □

▉ Add a device

Choose a device or printer to add to this PC

Searching for devices

The printer that I want isn't listed

---

✕

← 🖨 Add Printer

Install the printer driver

Choose your printer from the list. Click Windows Update to see more models.

To install the driver from an installation CD, click Have Disk.

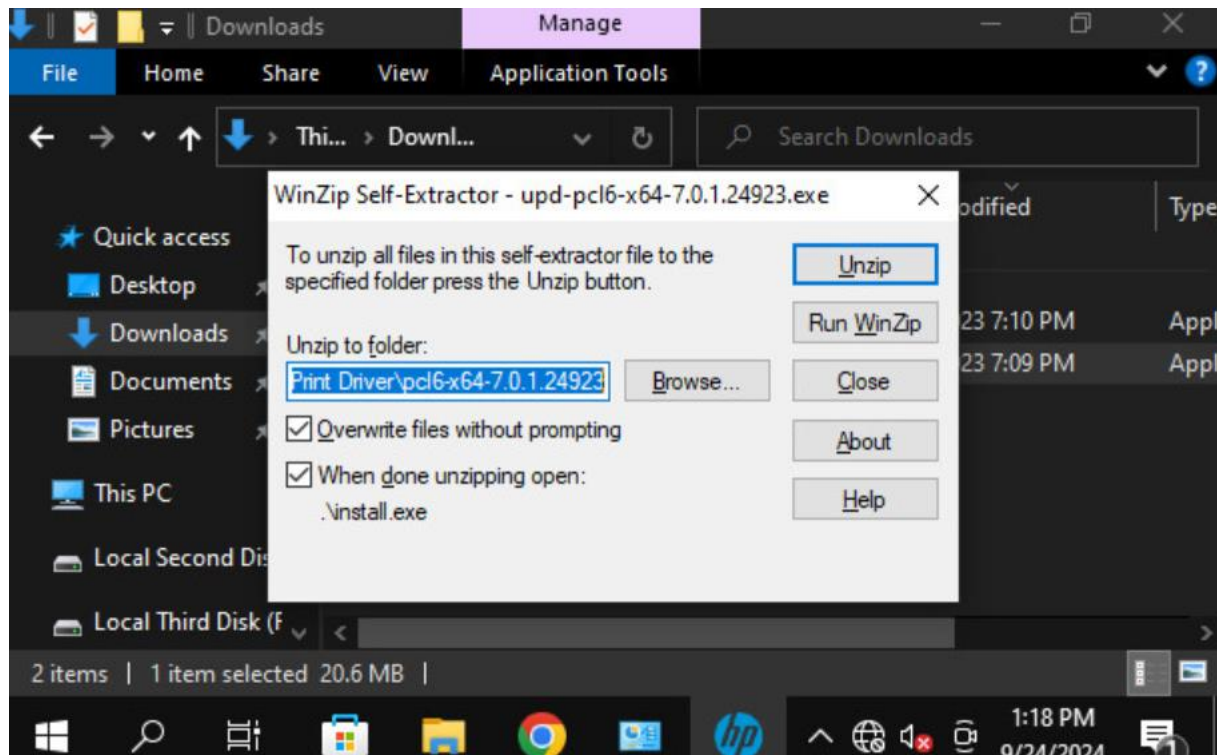| Manufacturer	Printers
Generic	Generic / Text Only
Microsoft	Generic IBM Graphics 9pin
	Generic IBM Graphics 9pin wide
	MS Publisher Color Printer
	MS Publisher Imagesetter

🖾 This driver is digitally signed.

Tell me why driver signing is important
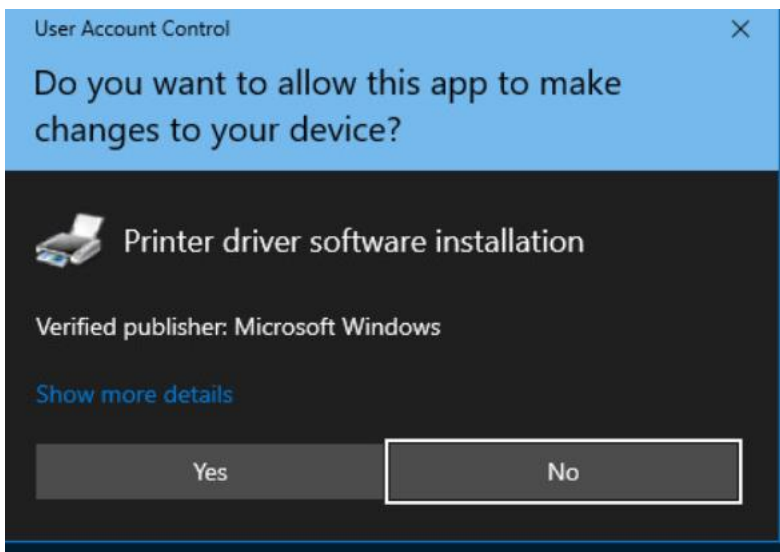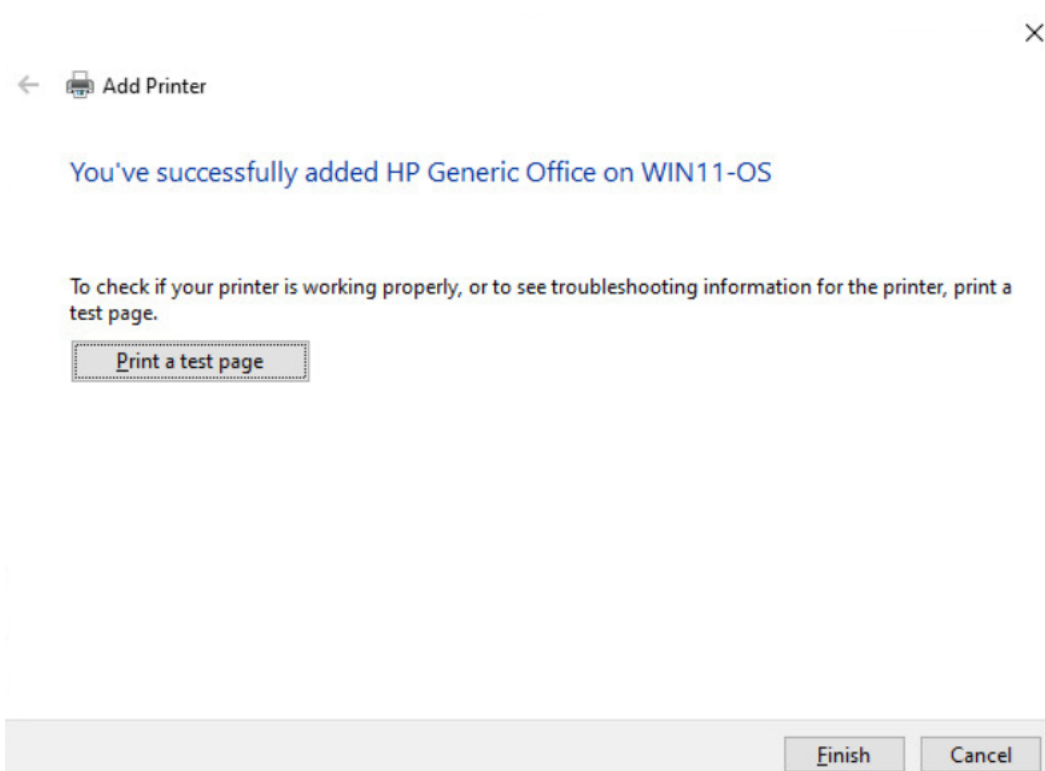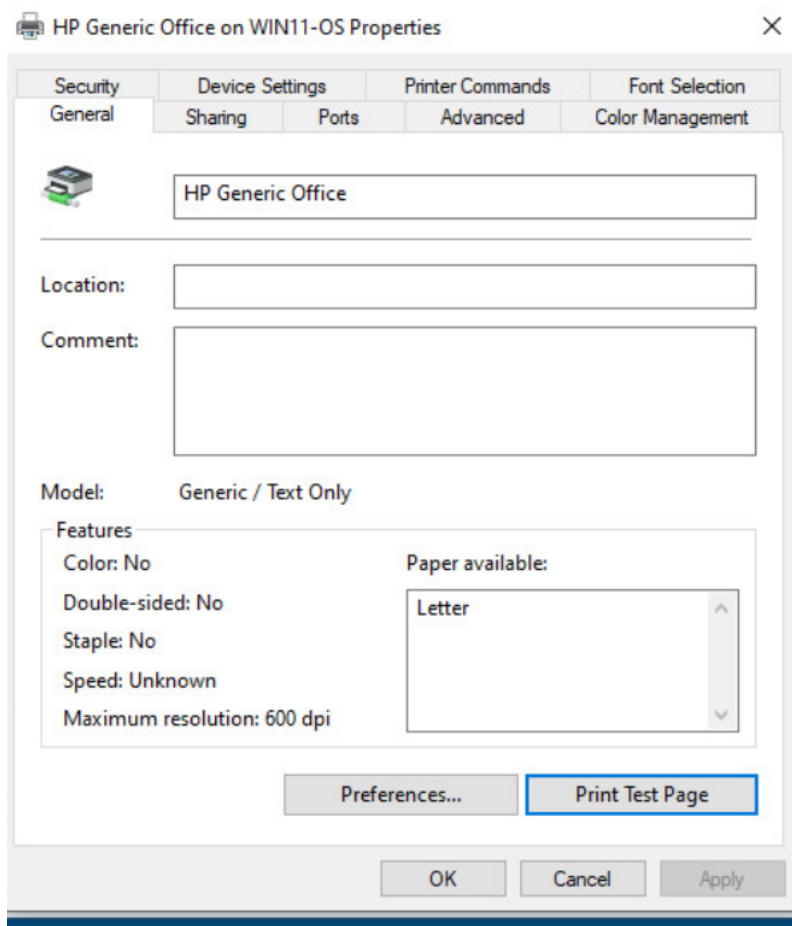
Windows Update   Have Disk...

8.4.1.3   Share a Printer in Windows

Lab Three Features/Topics Learned from This Lab:

9   **Enabling Printer Sharing**
     Learned the steps to enable printer sharing in Windows, including configuring network settings, adjusting sharing permissions, and allowing access for other devices within the network.

10   **Managing Printer Access and Permissions**
     Explored how to manage access permissions for shared printers, including setting user-specific permissions to control who can print, manage documents, and change printer properties.

11   **Connecting to a Shared Printer from Other Devices**
     Practiced connecting other devices to a shared printer, covering the process of finding shared printers on the network, installing necessary drivers remotely, and ensuring successful connectivity for multiple users.

×

← 🖨 Add Printer

You've successfully added HP Generic Office on WIN11-OS

To check if your printer is working properly, or to see troubleshooting information for the printer, print a test page.

Print a test page

Finish   Cancel

User Account Control   ×

Do you want to allow this app to make changes to your device?

🖨 Printer driver software installation

Verified publisher: Microsoft Windows

Show more details

Yes   No

Lab- Install Linux in a Virtual Machine and Explore the GUI

9.1.2.5 Three Features/Topics Learned from This Lab:

1. **Installing Linux on a Virtual Machine**
   Learned how to set up a virtual machine (VM) environment, select an appropriate Linux distribution, and install Linux within the VM, including configuring basic system settings and storage allocation.
2. **Exploring the Linux GUI and Navigation**
   Gained experience navigating the Linux Graphical User Interface (GUI), understanding desktop environments, accessing system settings, and using basic applications provided with the Linux distribution.

3. **Managing System Resources in a Virtual Environment**
    Practiced monitoring and managing system resources within the virtual machine, including adjusting memory and CPU usage to ensure smooth operation, and familiarized with key Linux tools to optimize VM performance.

New Virtual Machine Wizard ✕

Specify Name and Location

Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
    Installation Options
Summary

Choose a name and location for this virtual machine.

The name is displayed in Hyper-V Manager. We recommend that you use a name that helps you easily identify this virtual machine, such as the name of the guest operating system or workload.

Name: Lubuntu

You can create a folder or use an existing folder to store the virtual machine. If you don't select a folder, the virtual machine is stored in the default folder configured for this server.

☑ Store the virtual machine in a different location

Location: E:\Lubuntu\   [Browse...]

⚠ If you plan to take checkpoints of this virtual machine, select a location that has enough free space. Checkpoints include virtual machine data and may require a large amount of space.

[< Previous] [Next >] [Finish] [Cancel]

New Virtual Machine Wizard ✕

Connect Virtual Hard Disk

Before You Begin
Specify Name and Location
Specify Generation
Assign Memory
Configure Networking
Connect Virtual Hard Disk
    Installation Options
Summary

A virtual machine requires storage so that you can install an operating system. You can specify the storage now or configure it later by modifying the virtual machine's properties.

◉ Create a virtual hard disk

Use this option to create a VHDX dynamically expanding virtual hard disk.

Name: Lubuntu.vhdx

Location: E:\Lubuntu\Lubuntu\Virtual Hard Disks\   [Browse...]

Size: 127 GB (Maximum: 64 TB)

○ Use an existing virtual hard disk

Use this option to attach an existing VHDX virtual hard disk.

Location: E:\Virtual Machines\   [Browse...]

○ Attach a virtual hard disk later

Use this option to skip this step now and attach an existing virtual hard disk later.

[< Previous] [Next >] [Finish] [Cancel]