Work case 5

1.Made by Bumazhny Mykola

* The Linux operating system has a variety of mechanisms for working with peripheral equipment such as printers and USB sticks. To connect a printer, Linux typically uses a driver system that automatically recognises the device and provides the appropriate drivers for its operation. When a USB flash drive is connected to the computer, Linux automatically detects it and mounts it to access the stored data. This provides user convenience and quick access to peripherals without the need to manually configure the system.
* The mount operation is used to integrate an external device, such as a USB flash drive or external hard drive, with the operating system's file system. Mounting makes the device's file system readable and writable by users. This allows you to conveniently work with external devices, using them to store and share data. Mounting is usually performed using the mount command in the terminal or automatic mounting, which can be configured in the system.
* One of the main differences between working with peripherals in Linux and Windows is the approach to drivers. In Linux, some drivers can be included directly in the system kernel, allowing support for many devices without the need to download separate drivers. In Windows, drivers are usually installed separately for each device. In addition, the way peripherals are configured and managed may differ depending on the functionality and interfaces of each operating system.

2.Made by Melikhov Danylo

To copy a file from a USB flash drive and print it on a Linux virtual machine without using the command line, first use the GUI to copy the file from the flash drive to your computer. Then, open the file in a document viewer or editor if you need to make changes, and click the print option to send the document to the virtual printer.

3. Made by Lytvyniuk Yevhen

To copy a file from a USB flash drive and print it on a virtual machine running Linux, follow these steps:

1.Connect the USB flash drive to a computer running Linux.

2.Open a terminal and use the lsblk command to locate the flash drive mount point (for example, /media/username/flashdrive).

3.Use the cp command to copy the desired file from the flash drive to your home directory or another location on your computer: cp /media/username/flashdrive/filename /home/username/destination.

4.Start your Linux virtual machine.

5.Log in to the virtual machine and open a terminal.

6.Using the scp or rsync command, copy the file from your main computer to the virtual machine: scp username@host:/path/to/file/destination.

7.Once the file is on the virtual machine, open it in a suitable viewer or print software.

8.To print, use the built-in printing software in your virtual machine or configure a printer and use the lp command to print the file.

Висновок:

In this particular Workcase, we understood how to drop a file into a virtual machine and print a text file with and without a command line