<div align="center">

Experiment 2.2

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Branch: BE-CSE   Section/Group: CC-615-B

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Subject Name: Cloud Computing &   Semester: 6
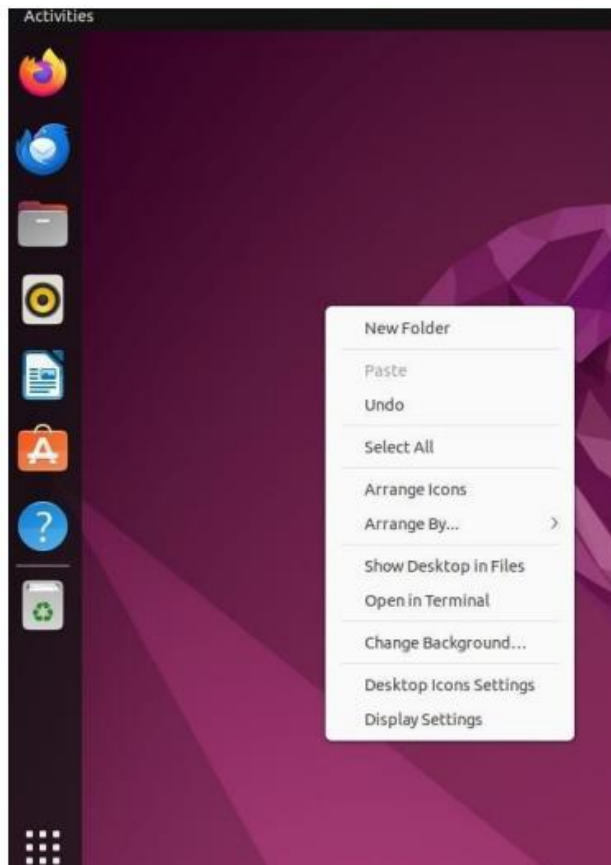Distributed Systems

1. Aim:

To Find a procedure to transfer the files from one virtual machine to another virtual machine.

Objective:

To share files between two virtual machines over a local network via Ip address.

Procedure:

Step 1:Open the file manager and right-click onthe folder you want to share or create a new folder. Click on the option "Local Network Share"inthe context menu.

Step2: Click onthe Share this folder checkbox in the Folder Sharing dialog.

Step 3: Install Samba packages in your system. Samba is used to share files and printers over thenetwork between Windows andUnix systems.

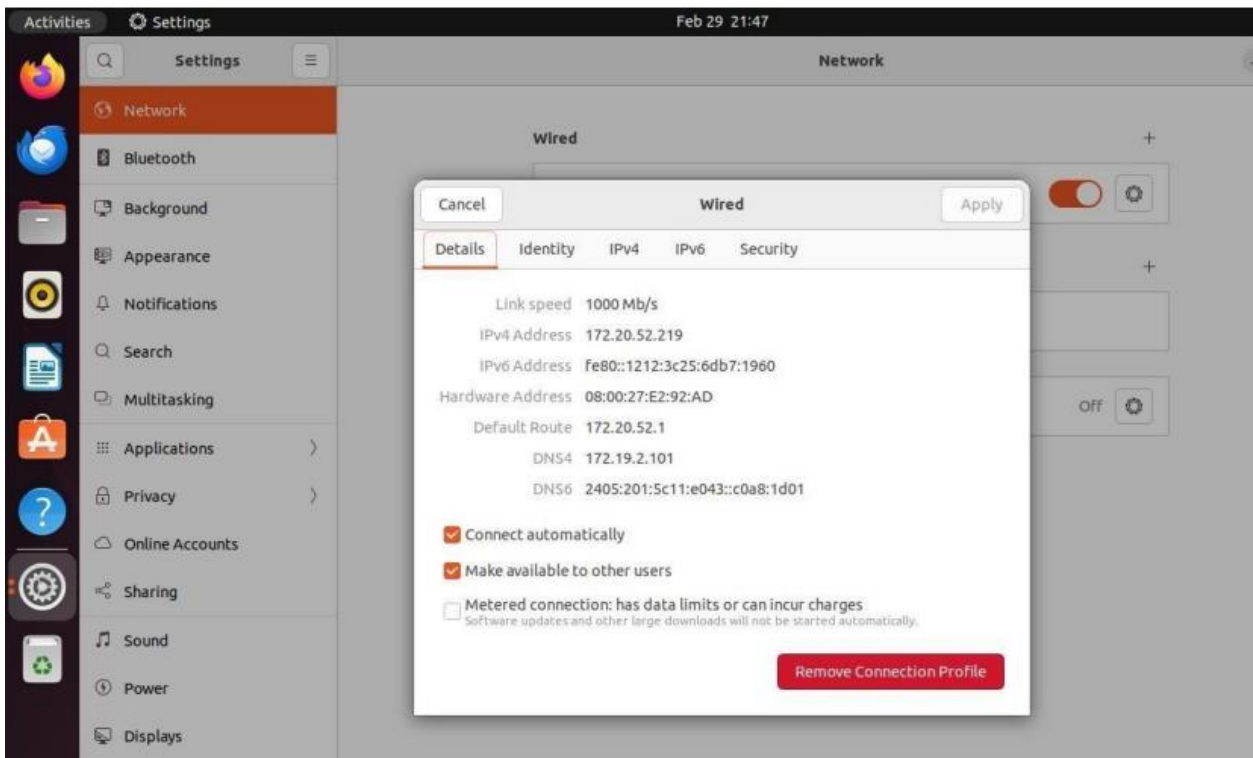After samba installation,do the following to share a folder or directory.

☐ Selectthe checkbox Share this folder.

☐ Input a share name. This would be the name youwould be seeing from another system, e.g.Windows. Try notto use any namewith spaces.

☐ (Optional)You cancontrolthewritepermissionto the shared folder and allow guest access by checking the corresponding option.

☐ If you allowguest access, peoplewithout credentials can access the shared folder. So be cautious.

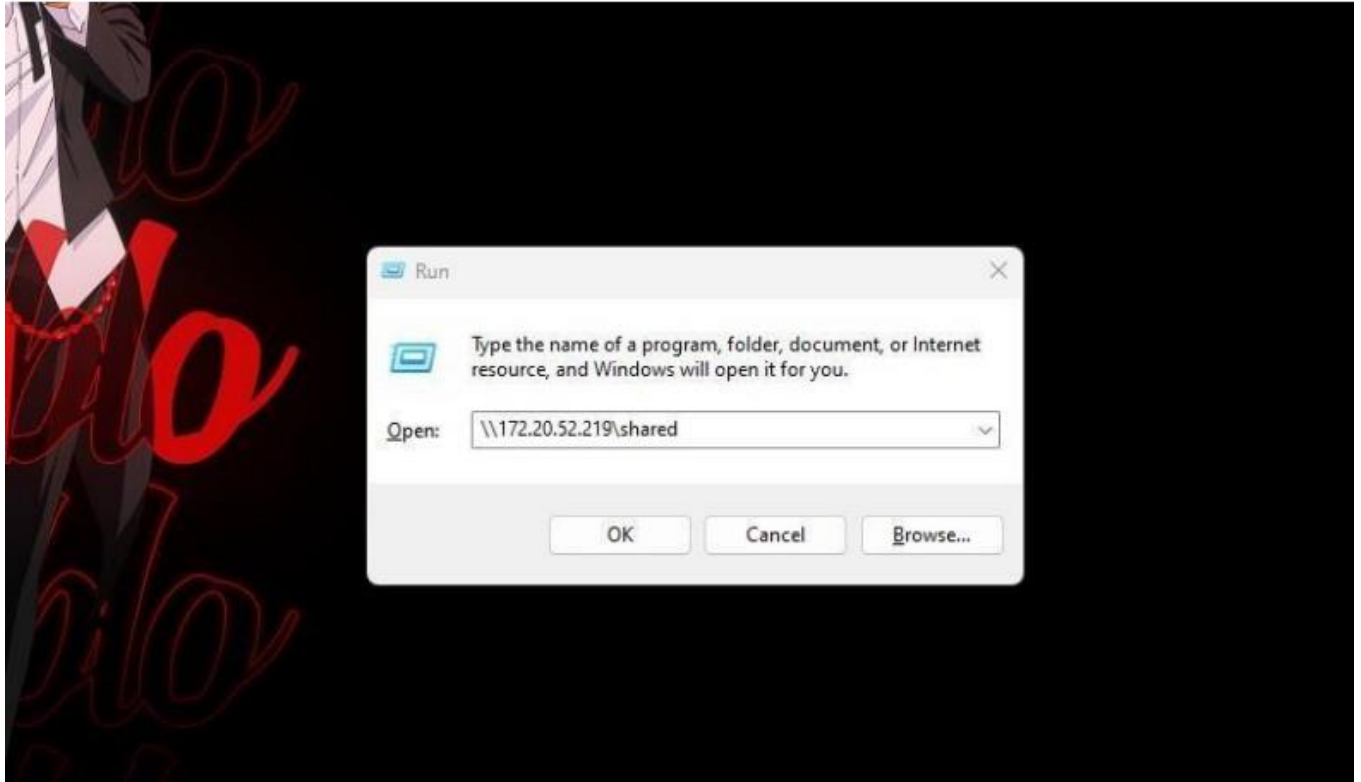**Step 4:** To access the shared folder from Ubuntu/Linux system, you need your system's IP address/hostname.To do that, open System Settings -> Wifi -> Get the IP address.
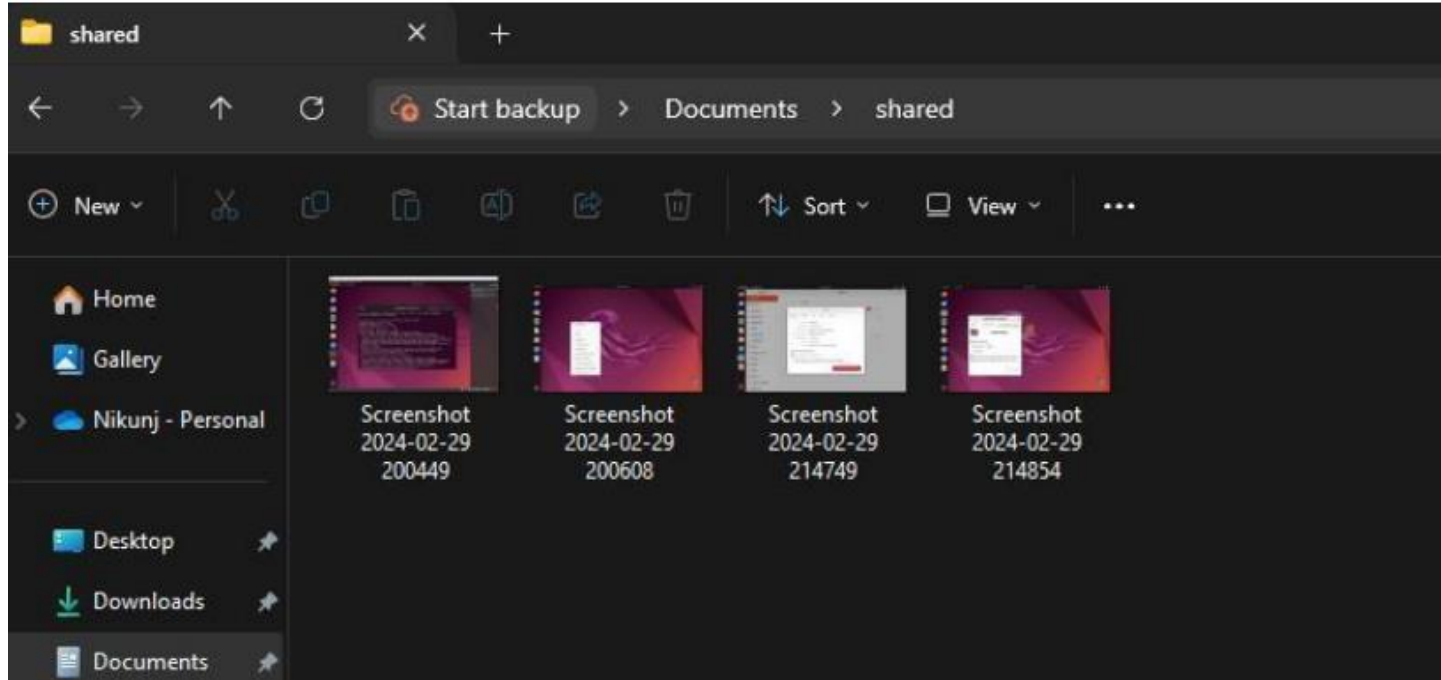
Step 5: To access the shared folder from the Windows system or any other VM, Open Run (Windows Key+R) or open Explorer and enter the address below. You should change the IP address and Folder name based on your system

The system will also ask you to enter the username and password of the user on the PC.

Step 6: THE CONTENTS OF THE SHAREDFOLDER ARENOW VISIBLE INTHEOTHER OPERATING SYSTEM

Learning outcomes

☐ Learning the usage of samba library

☐ File transfer between two VMs

☐ Creating local server between guest VM and OS