# Network Two Computers

Time required: 60 minutes

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**How to Create Screenshots:** Please use the Windows Snip and Sketch Tool or the Snipping Tool. Paste a screenshot of just the program you are working on. If you are snipping a virtual machine, make sure your focus is outside the virtual machine before you snip.

1. Press and hold down the **Windows key** & **Shift**, then type **S.** This brings up the on-screen snipping tool.
2. Click and Drag your mouse around whatever you want to snip.
3. Release the mouse button. This places the snip into the Windows Clipboard.
4. Go into Word or wherever you want to paste the snip. Hold down **CTRL**, then type **V** to paste the snip.

## Lab Description

This lab can be done with physical computers and a wireless router. It can also be done with a virtual machine and a physical machine, or with 2 virtual machines. This lab is designed for Windows 10 or 11.

# Virtual Machine Network

Graphical user interface, application

Description automatically generated

In your Windows Virtual Machine at the top in the

1. **Machine** 🡪 **Settings** 🡪 **Network** 🡪 **Attached To:** Bridged Adapter.
2. The adapter showing in **Name:** should be the adapter that connects your computer to your network.
3. Click **OK** to save the changes.

# Change Network Location to Private

Do this lab between your Virtual Machine and your local machine.

Start with your Windows Virtual Machine.

Graphical user interface, application

Description automatically generated

1. Right Click the Network Icon in the system tray 🡪 Click **Network and Internet settings**.

Diagram

Description automatically generated with low confidence

1. Click **Properties**. (Yours will likely say Public network.)

Graphical user interface, text, application, email

Description automatically generated

1. Scroll to the top 🡪 Click **Private**. There isn’t an OK button to click, the setting is changed.

# Workgroup Sharing

Workgroup sharing allow sharing of any resource in a small network.

1. On the Windows Virtual Machine 🡪 open **File Explorer**
2. Go to **Network** 🡪 Click on the **Network** icon. You should receive a prompt asking you to enable file sharing. Do so.
3. Create a folder **c:\data**
4. Right Click **c:\data** 🡪 **Show More Options** 🡪 **Give access to** 🡪 **Specific people…**
5. Click **Share**. Note the UNC path to the shared folder.
6. On your local machine 🡪 Open **File Explorer** and Click **Network**. You should see the other computer. If not, type in **\\computername** in the File Explorer address bar.
7. Navigate to the other computers shared data folder. Create and save a text file in the data folder.
8. **Insert a screen shot:**

Click or tap here to enter text.

# Map Network Drives

Mapping a network drive allows easy access to network resources.

1. On your local computer 🡪 Right Click My PC 🡪 Click **Map Network Drive**.
2. Enter the UNC path [\\win11\data](file:///\\win11\data) 🡪 Choose the drive letter **Z:** 🡪 Click **Finish**.
3. Open Notepad. Create and save a small document to your new network drive.
4. **Insert a screen shot showing the file you created and the network drive in File Explorer:**

Click or tap here to enter text.

1. To disconnect the network drive, Right Click the network drive, and Click **Disconnect**.

# Net Use

The net command is several commands in one. The net use command can connect or disconnect a computer from a shared resource or can display information about connections.

You are still on your local machine.

1. Disconnect any network drives showing in File Explorer.
2. The following command makes a mapped drive to a remote computer and to a shared folder on that computer.  
   At a normal command prompt type: **net use z: \\win11\data** (Replace Window11 with your pc name.) **NOTE:** Don’t use an Administrative level command prompt.
3. **Insert a screenshot of the results of this command.**

Click or tap here to enter text.

1. **Insert a screenshot of the mapped drive in File Explorer:**

Click or tap here to enter text.

1. Use the **net use \* /delete** command to disconnect all network drives.
2. **Insert a screenshot:**

Click or tap here to enter text.

1. Use Notepad to create a batch file with the following lines and save it as **logon.bat**  
   Choose all files when saving the file.  
   **net use z: \\lab1\data** (Replace lab1 with your pc name.) **pause**
2. **Insert a screenshot of the batch file contents:**

Click or tap here to enter text.

1. Double Click the batch file.  
   **Insert a screenshot of the batch file execution:**

Click or tap here to enter text.

1. **Insert a screenshot of the mapped drive in File Explorer.**

Click or tap here to enter text.

1. Use the **net use \* /delete** command to disconnect all network drives.

# Activate the Local Administrator Account

The net user command manages user accounts. For example, recall that the built-in administrator account is disabled by default. You may have a need to enable the administrator account from a command prompt in recovery mode to fix a computer if there are not any other administrator accounts that function.

Do this lab on the Virtual Machine.

1. To activate the local Administrator account, use this net user command at an Administrative command prompt:  
   **net user administrator /active:yes**
2. Use Computer Management to take a screenshot showing the Administrator account is now active.
3. **Insert a screenshot:**

Click or tap here to enter text.

1. Disable the Administrator account by using the following command.  
   **net user administrator /active:no**
2. **Insert a screenshot:**

Click or tap here to enter text.

## Assignment Submission

Attach this completed document to the assignment in Blackboard.