

EXP NO :2 IP Address setting and configuration

Date: 31.07.2024

AIM:To configure your System and assign an IP address manually to the system

PROCEDURE:

1. On your PC, navigate to the Ethernet network settings dialog.
2. Click the **Internet Protocol Version 4 (TCP/IPv4)** parameter.



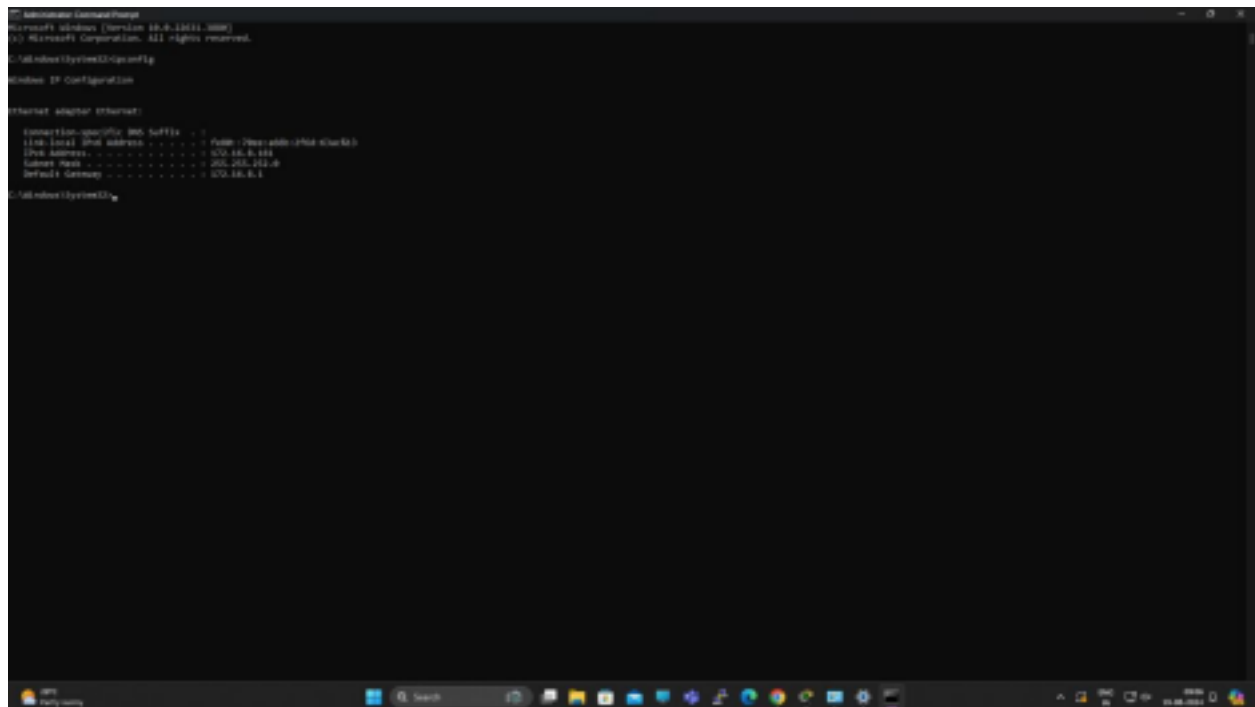
3. Click **Properties**. The **Internet Protocol Version 4 (TCP/IPv4) Properties** dialog appears.
4. Select **Use the following IP address**.
Note IMPORTANT: Make note of the current IP address entries for **IP address**, **Subnet mask**, and **Default gateway**. You will need this information to complete the final step of the process.
5. Configure with the following details:
 - a. **IP address** for PC: 192.168.210.2
 - b. **Subnet**: 255.255.255.0
 - c. **Gateway**: 192.168.210.1



- 6.
7. Click **OK**.
8. Open a browser window.
9. Enter the default gateway IP address to access the Hub: **192.168.210.1**. The Hub login screen displays.
10. Log into the Hub using the default user name and password. The default user name is **admin** and the default password is printed on the bottom label of the device and on the loose label included in the package. If the defaults do not work, they may have been changed. Confirm this information with your system administrator.
11. Update the IP address for the device.
12. On your PC, revert the IP address information to the original entries.
 - a. Return to the **Internet Protocol Version 4 (TCP/IPv4) Properties** dialog.
 - b. Enter the original IP address entries for **IP address**, **Subnet mask**, and **Default gateway**.
 - c. Click **OK**.

OUTPUT:

Before changing IP address:



A screenshot of a Windows Command Prompt window showing the output of the 'ipconfig' command. The window title is 'Administrator: Command Prompt'. The output shows the configuration for the 'Ethernet adapter Ethernet' interface. The IP address is 192.168.1.100, the subnet mask is 255.255.255.0, and the default gateway is 192.168.1.1. The window is running on a Windows 10 desktop with a taskbar at the bottom.

```
Administrator: Command Prompt
Microsoft Windows [version 10.0.19041.500]
(c) Microsoft Corporation. All rights reserved.

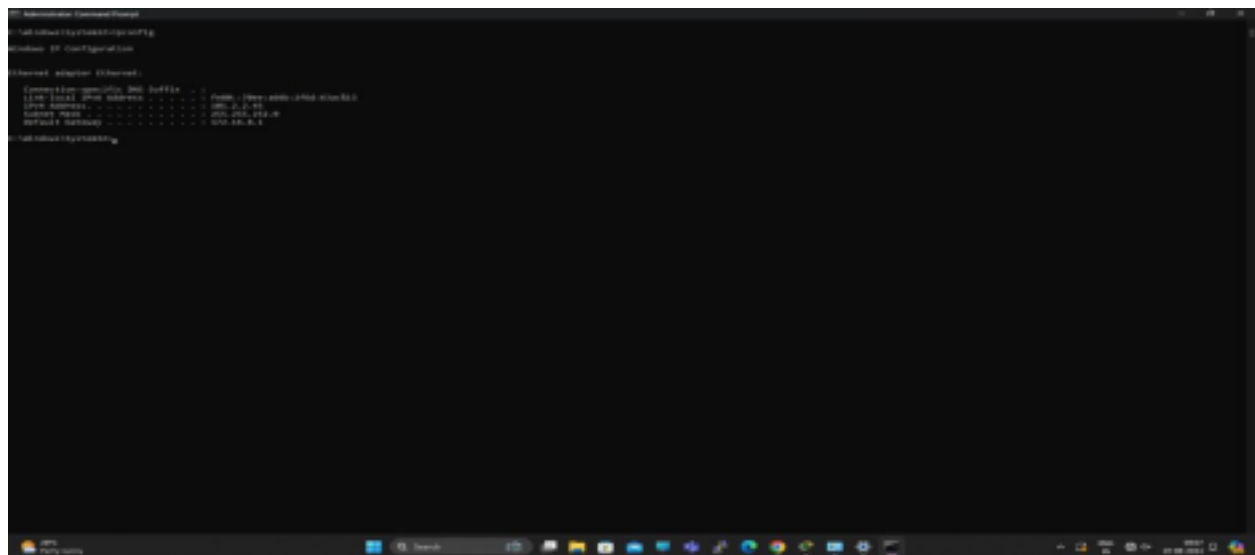
C:\Users\Haygrev>ipconfig

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 address . . . . . : fe80::a5b:ab6c:1f6a:43e3
    IPv4 Address. . . . . : 192.168.1.100
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1

C:\Users\Haygrev>
```

After Changing IP address: a



A screenshot of a Windows Command Prompt window showing the output of the 'ipconfig' command after the IP address has been changed. The window title is 'Administrator: Command Prompt'. The output shows the configuration for the 'Ethernet adapter Ethernet' interface. The IP address is now 192.168.1.101, the subnet mask is 255.255.255.0, and the default gateway is 192.168.1.1. The window is running on a Windows 10 desktop with a taskbar at the bottom.

```
Administrator: Command Prompt
C:\Users\Haygrev>ipconfig

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 address . . . . . : fe80::a5b:ab6c:1f6a:43e3
    IPv4 Address. . . . . : 192.168.1.101
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.1.1

C:\Users\Haygrev>
```

Result:

Thus the system was configured and assigned an IP address manually to the system