

## ASSIGNMENT OF IP ADDRESS MANUALLY TO COMPUTERS

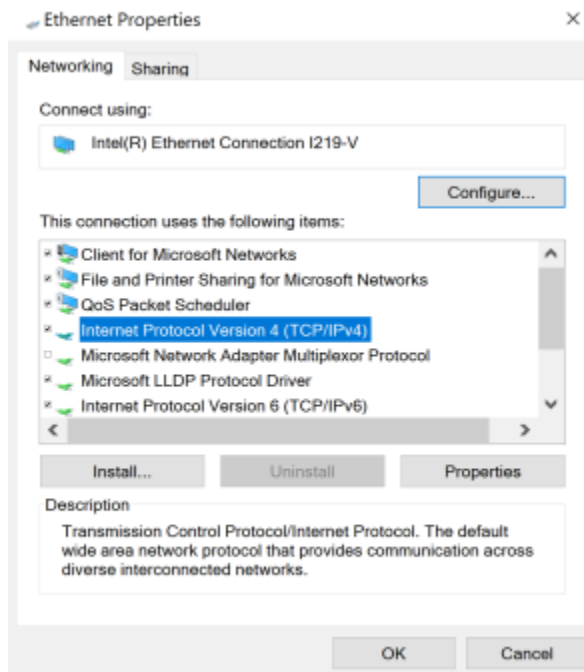
### Aim:

To assign the ip address of the system manually to computers by following the steps given procedure.

### Procedure:

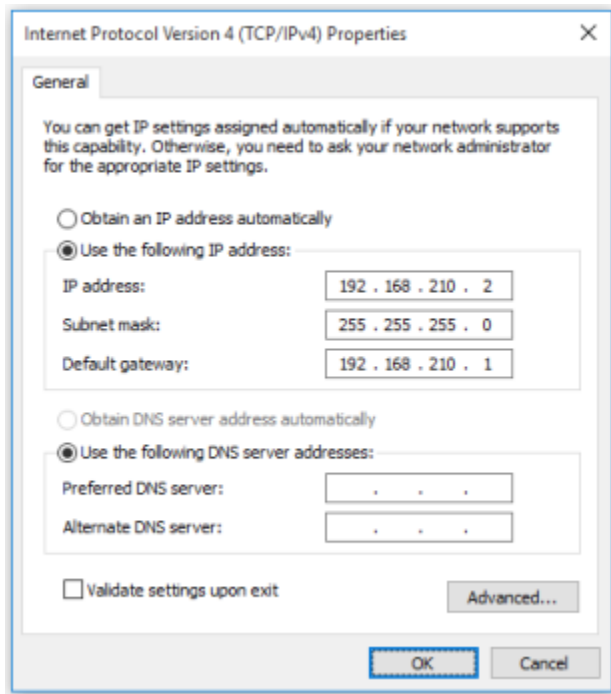
To configure your System and assign an IP address to the Hub:

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 THE ADDRESS:**

IP assignment:	Manual
IPv4 address:	172.16.52.172
IPv4 mask:	255.255.252.0
IPv4 gateway:	172.16.52.1
DNS server assignment:	Manual
IPv4 DNS servers:	172.16.52.1 (Unencrypted)
Link speed (Receive/Transmit):	100/100 (Mbps)
Link-local IPv6 address:	fe80::bfda:187f:898b:cca6%8
IPv4 address:	172.16.52.172
IPv4 DNS servers:	172.16.52.1 (Unencrypted)
Manufacturer:	Realtek
Description:	Realtek PCIe GbE Family Controller
Driver version:	10.54.1111.2021
Physical address (MAC):	88-AE-DD-15-EB-CC

## Ethernet adapter Ethernet:

```
Connection-specific DNS Suffix  . :  
Link-local IPv6 Address . . . . . : fe80::bfda:187f:898b:cca6%8  
IPv4 Address. . . . . : 172.16.52.172  
Subnet Mask . . . . . : 255.255.252.0  
Default Gateway . . . . . : 172.16.52.1
```

## Ethernet adapter VMware Network Adapter VMnet1:

```
Connection-specific DNS Suffix  . :  
Link-local IPv6 Address . . . . . : fe80::8f94:cff3:14b9:4822%11  
IPv4 Address. . . . . : 192.168.112.1  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . :
```

## Ethernet adapter VMware Network Adapter VMnet8:

```
Connection-specific DNS Suffix  . :  
Link-local IPv6 Address . . . . . : fe80::5d15:59bd:25b:fd76%7  
IPv4 Address. . . . . : 192.168.146.1  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . :
```

**AFTER CHANGING THE ADDRESS:**

IP assignment:	Manual
IPv4 address:	11.10.10.1
IPv4 mask:	255.255.252.0
IPv4 gateway:	172.16.52.1
DNS server assignment:	Manual
IPv4 DNS servers:	172.16.52.1 (Unencrypted)
Link speed (Receive/Transmit):	100/100 (Mbps)
Link-local IPv6 address:	fe80::bfda:187f:898b:cca6%8
IPv4 address:	11.10.10.1
IPv4 DNS servers:	172.16.52.1 (Unencrypted)
Manufacturer:	Realtek
Description:	Realtek PCIe GbE Family Controller
Driver version:	10.54.1111.2021
Physical address (MAC):	88-AE-DD-15-EB-CC

## Windows IP Configuration

## Ethernet adapter Ethernet:

```

Connection-specific DNS Suffix  . : 
Link-local IPv6 Address . . . . . : fe80::bfda:187f:898b:cca6%8
IPv4 Address. . . . . : 11.10.10.1
Subnet Mask . . . . . : 255.255.252.0
Default Gateway . . . . . : 172.16.52.1

```

## Ethernet adapter VMware Network Adapter VMnet1:

```

Connection-specific DNS Suffix  . : 
Link-local IPv6 Address . . . . . : fe80::8f94:cff3:14b9:4822%11
IPv4 Address. . . . . : 192.168.112.1
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 

```

## Ethernet adapter VMware Network Adapter VMnet8:

```

Connection-specific DNS Suffix  . : 
Link-local IPv6 Address . . . . . : fe80::5d15:59bd:25b:fd76%7
IPv4 Address. . . . . : 192.168.146.1
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 

```

**RESULT:**

The IP address of the system is changed and it is manually assigned new address to the system

