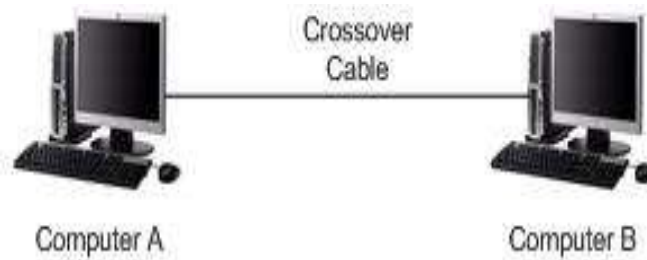


Connect 2 Computers Directly Using Crossover Cable

This is wired connection approach to connect 2 computers directly without involving other network devices, such as network router or switch. It's effective and simple way if you want to connect the computers temporary, crossover cable is needed, so you must making it before as in previous lecture.

Let see how to do it here: Plug in network card each to computer and then connect the network cable to both computers' network card.



The network configuration

Create a simple network by assigning following IP address and subnet mask settings to each computer's network card, so that both computers know how to talk to each other:

Computer A:

IP Address: 192.168.1.2

Subnet mask: 255.255.255.0

Gateway: 192.168.1.1 or [leave-it-blank]

DNS Servers: [leave-it-blank]

Computer B:

IP Address: 192.168.1.3

Subnet mask: 255.255.255.0

Gateway: 192.168.1.1 or [leave-it-blank]

DNS Servers: [leave-it-blank]

To do above go through this steps (windows 7)

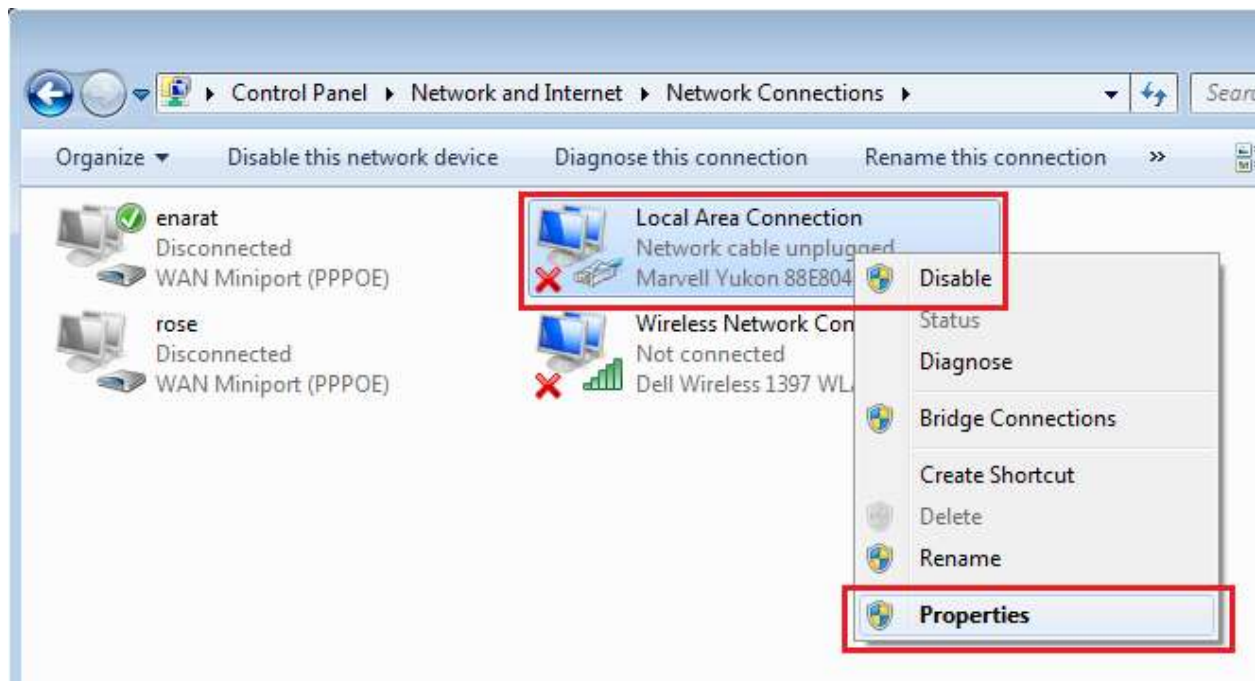
- 1) Go to **Start** and click on **Control Panel**.
- 2) Proceed to click **View network status and tasks** in **network and Internet category** in Control Panel window.



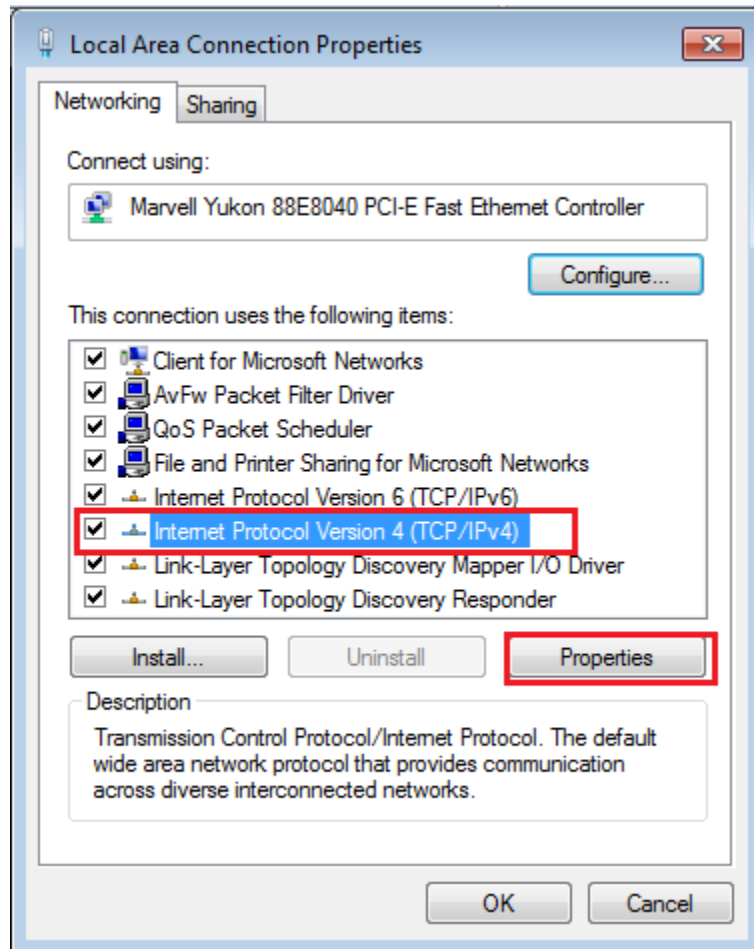
3) Network and Sharing Center window will appear, then click **change adapter settings**.

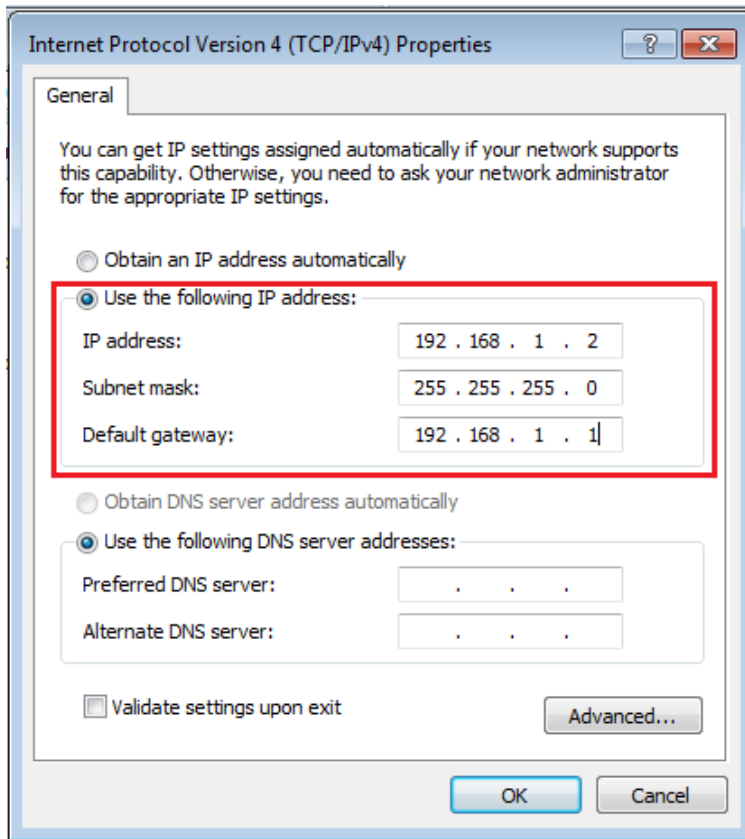


4) Network Connections window will appear. Here you can right click on the **network adapter (Local Area Connection)** that you wish to configure and click **Properties**.

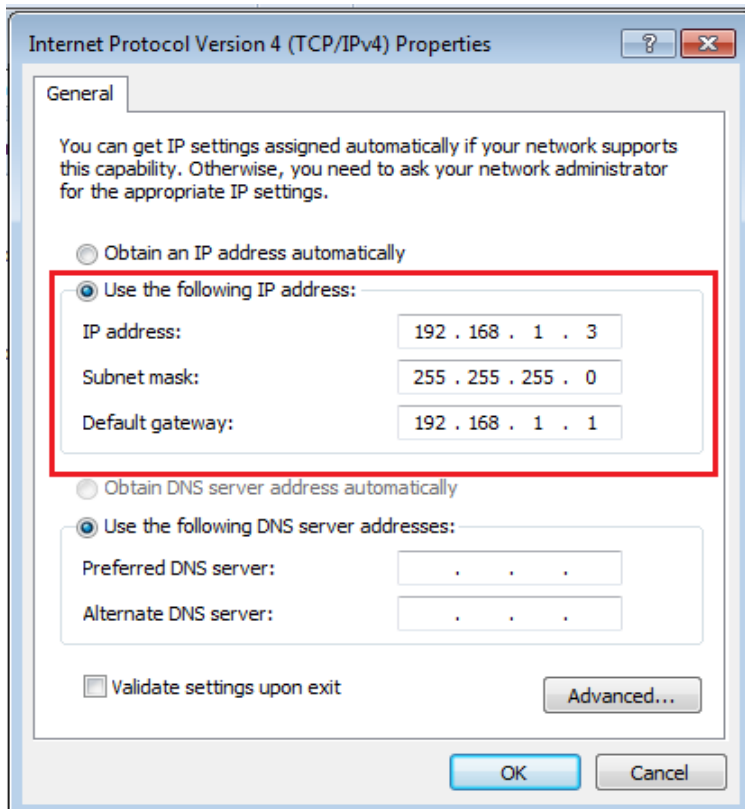


5) In the Network Connection Properties window, tick on **Internet Protocol Version 4 (TCP/IPv4)** and click **Properties**.





Computer A



Computer B