Raspberry Pi

1 If your Pi does not have a Wifi Dongle then you can still connect it to your Wifi network using your PC as a Bridge. This will allow the Pi to send traffic through the Ethernet port to the PC and then out onto your Wifi network – effectively using the PC as a "Bridge"

You can use this method as an alternative to setting a Static IP address on both the Pi and the Lan Connection.

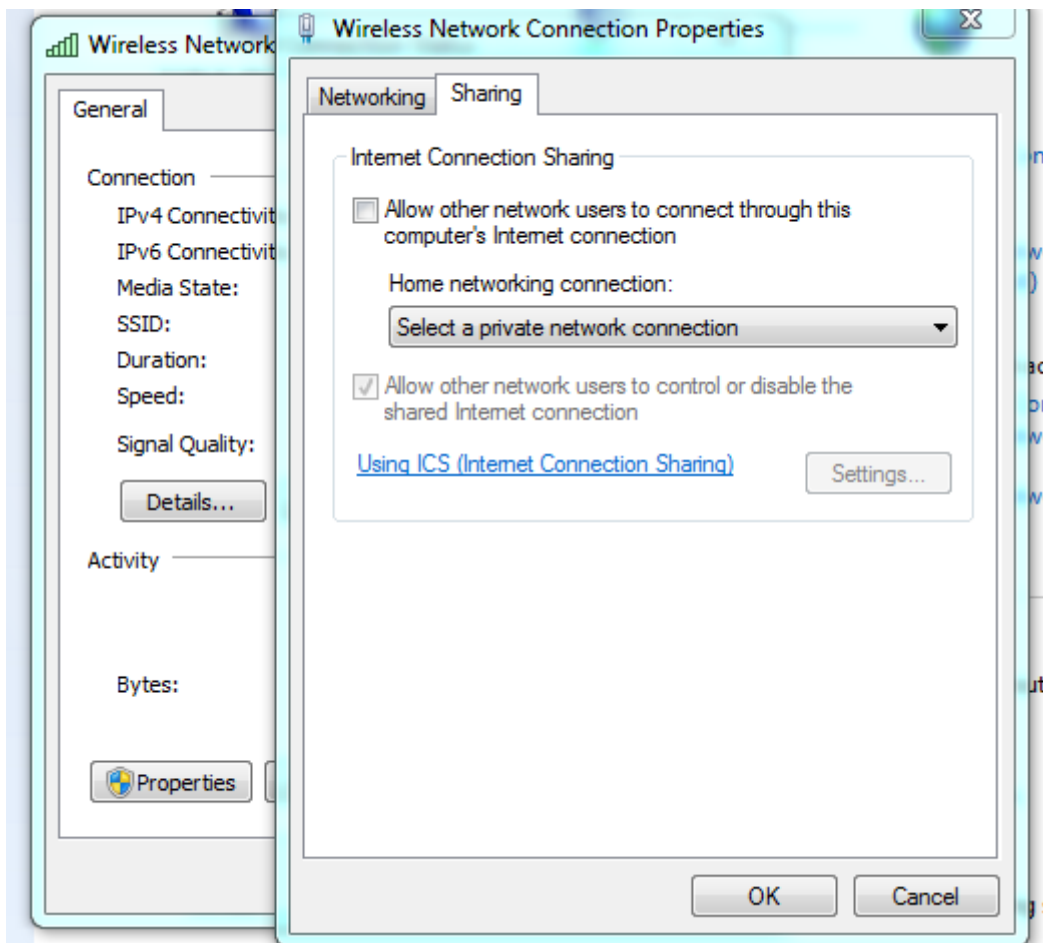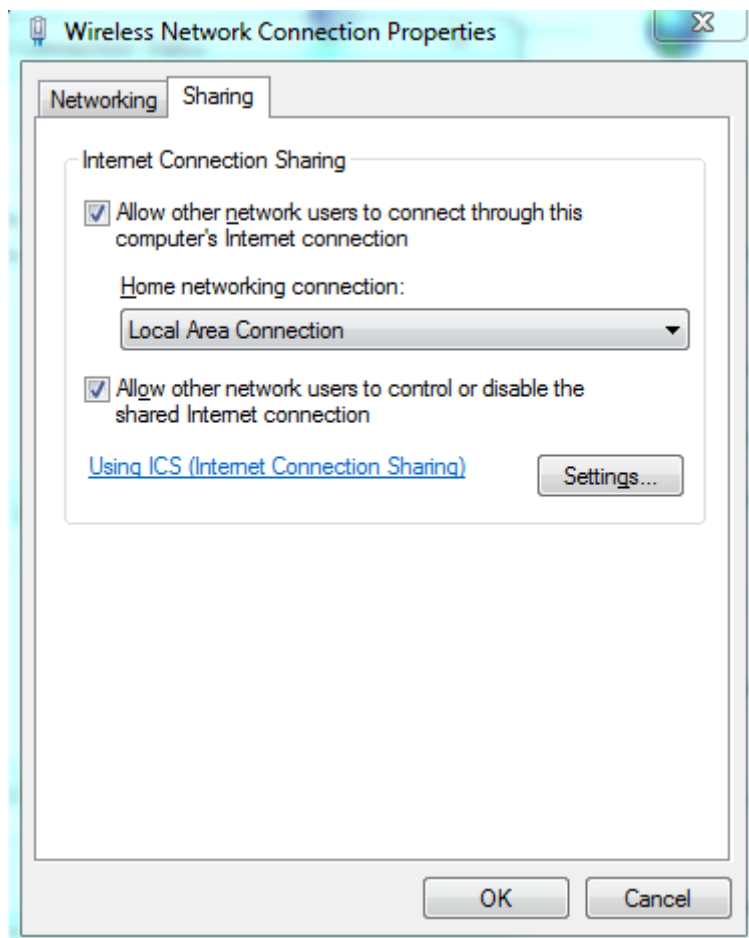**2** Go to the Control Panel and Open the Network and Sharing Centre
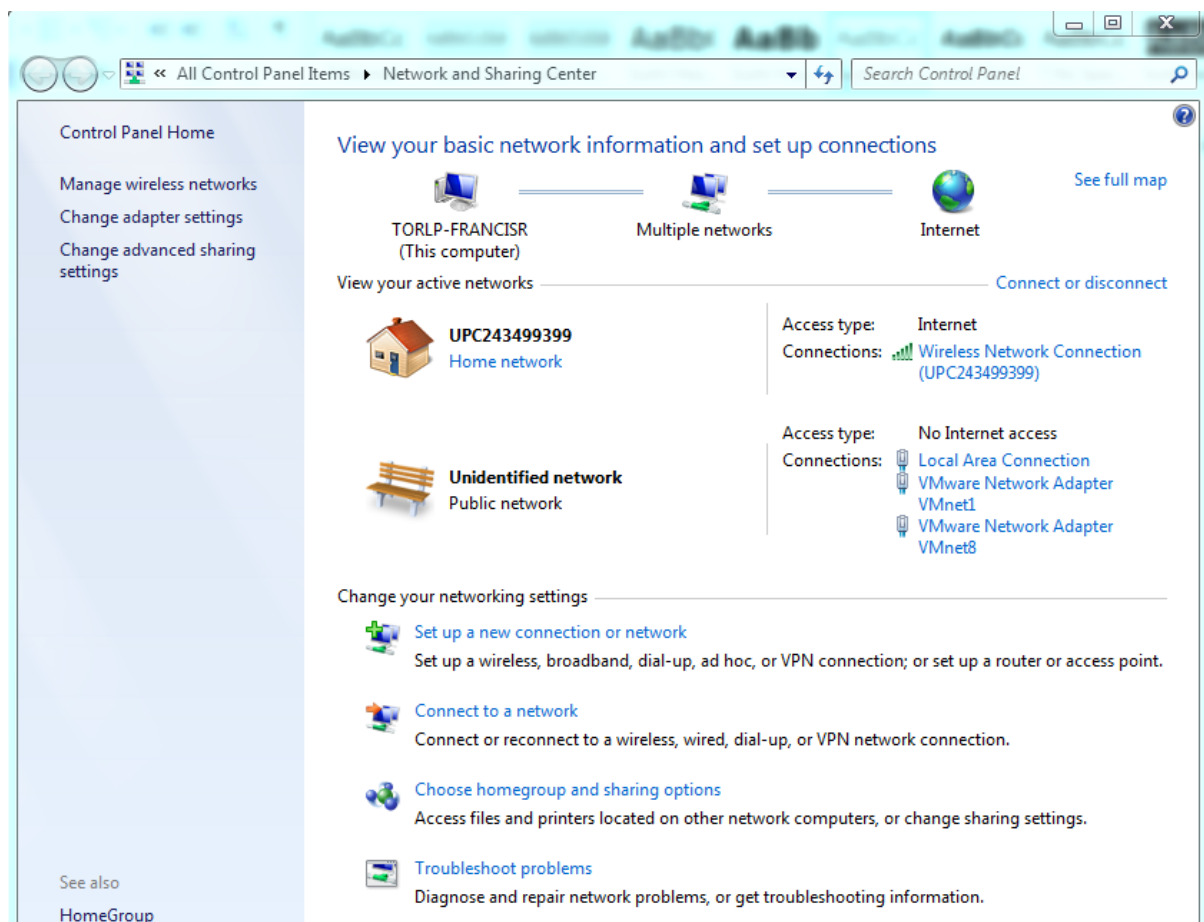
❸ Now click on the **Wireless** connection you are using to connect to the Internet, click on **Properties** and then click the **Sharing** tab.

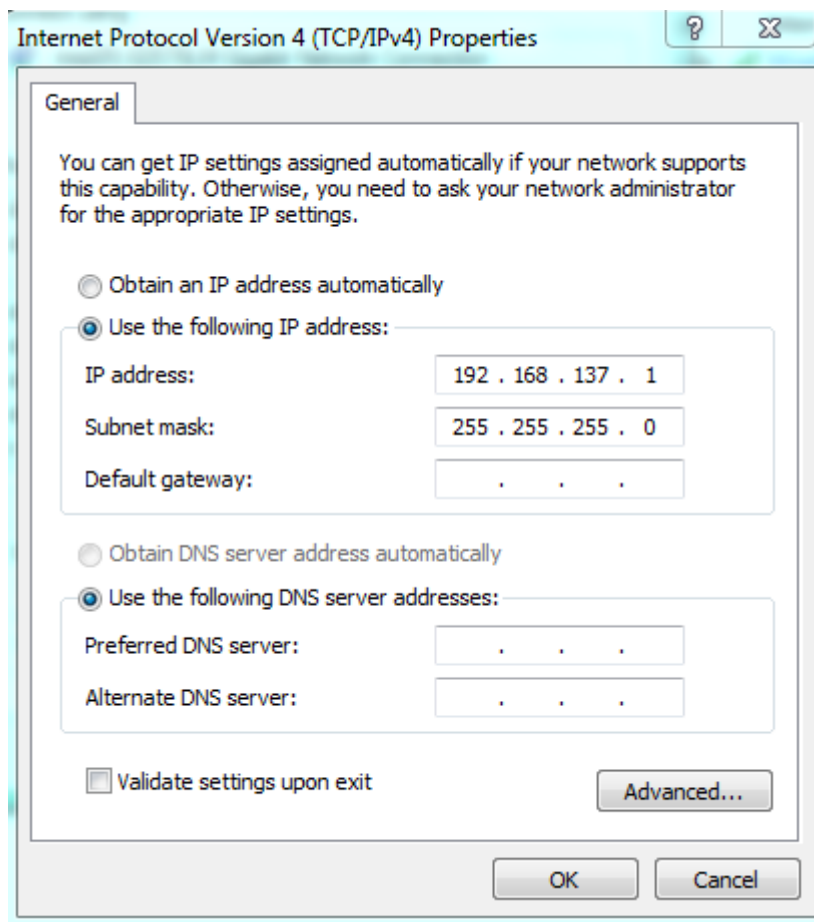4 Now allow sharing the Wifi connection with the **Local Area Connection**

By default windows will manage a private network to the Local Area Network and will automatically provide a **private** IP Address to the Pi (or any device) connected to it.

The Pi Address will be dynamically allocated from the same IP Range. To find out what address it has been given you can run this command in a Command Prompt

```
arp -a
```

Loo at the list to find the MAC Address of your Pi. You can then remotely access your Pi!

4 Finally, when using this method you may need to set the DNS address manually on the network preferences on the Pi if you want to surf the internet or download additional content to the Pi.