

Hingham Public Library
Plug-in /Wireless Internet Access
DHCP Procedure
Windows 2000

Wireless 802.11b access is available in the Reference Room, Café and Courtyard. Direct plug-in ports are available in the Reference Room and in the three Study Rooms on the lower level. To use these ports you will need at least a six foot Category 5e patch cable.

Please be advised that the Library Staff cannot configure your laptop for making a connection nor can Staff troubleshoot your computer if you are unsuccessful in connecting to the HPL network.

Obtaining an IP address through DHCP

- 1) Select **Start**
- 2) Select **Settings**
- 3) Select **Network and Dial-up Connections** **Network and Dial-up Connections** box will appear.

Next...Select the **Local Area Connections Icon**

- 1) **Local Area Connection Status** box will appear
- 2) Click on **Properties**

Next...Local Area Connections Properties box will appear

- 1) Highlight **Internet Protocol (TCP/IP)**
- 2) Click on **Properties**

Next...The Internet Protocol (TCP/IP) Properties box will appear

- 1) Click on **Obtain an IP address automatically**
- 2) Click on **Obtain DNS server address automatically**
- 3) Click **OK**
- 4) Close out all windows by clicking **OK**
- 5) If your laptop computer has previously been on another network, you may need to release your current IP addresses in order to pick up a new IP address from the HPL's network – see directions below.
- 6) You can now restart your PC and access the Internet

To Release and Renew IP Addresses

1. Go to a command prompt. In order to get a command prompt, click on start and choose run. In the "open:" line, type "command". A black box will open with a command prompt inside it.
2. At the command prompt, type: `Ipconfig /release`. You should get a notice that the address has been released.
3. Now you need to get a number from the HPL network. At the command prompt, type: `ipconfig /renew`

After a brief time, you should be notified that you have a new IP address associated with your network card. At this point, you should be able to use the HPL network.

You must have administrative rights to your computer in order to release or renew your IP address.

NOTE: If you have installed a Personal Firewall System (PFS) you need to be sure that your PFS is not blocking HPL Internet Access. You may need authorize access or to disable the PFS while you are using the connection.