

Re: Continual disconnections

Source:

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- *From:* Marbles <Marbles@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 20 Feb 2007 11:33:45 -0800
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Hello

Let's start off by checking your IP release information. It sounds like your DHCP server could be signing out 1 hour IP releases. Then when it tries to renew might have a hold up on assigning a new IP rental.

Next make sure you are connected to the net

1) Go to Start>Run> type cmd ...then click ok or press enter..this will bring up your command prompt or known as the dos prompt

2)type ipconfig/all ... this will list all your connection details.. Look near the end of the list for the line that contains Lease Obtained & Lease Expirese
...What is the two Lease dates & time say ? ...

3) From using the ipconfig/all command you can also get crucial info like gateway & dns Domain name server...which in the next step I will explain how to enter this info manually for your tcp/ip settings.

4) Looking at the ipconfig/all info, look at the line that says DNS Servers..then go to Start>Control Panel>Network & Internet Connections>click Network Connections> select local area connection right click on it then properties. This will bring up your Local Area Connection properties box.
....next unselect Client for Microsoft Networks and File & Printer Sharing for Microsoft Networks so there is no check mark beside these. The reason for this is Client for Microsoft Networks is used if you want to set up a network in a company environment. If your a home user then it is recomended for security reasons to clear this selection and disable this function. If your not sharing files on a private network with friends or across the net then also it is best practise to disable this function.
.....Next select Internet Protocol(Tcp/Ip) then click properties
....Near the bottom Select Use the Following DNS Server Addresses add the 2 IP addresses from what the ipconfig /all lists beside DNS Servers

....After entering the 2 DNS servers click the Advanced button near the bottom right.

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6) On this page Under the tab IP Settings You can see headings..Ip Addresses & Default Gateway...hop on down to Default Gateway. Click Add beside Gateway and enter the gateway IP. Unselect Automatic metric and enter 1 . The 1 represents the lowest and fastest metric for gateways to find a quick route for packets to travel. Click add now you should see the Ip you entered beneath the Default Gateway heading. To find the gateway IP Look at your Ipconfig/all listings and look at what it has beside Default Gateway.

Also under the Ip Settings tab at the bottom uncheck Automatic metric and enter 1

7) Next you still have your Advanced TCP settings dialogue box open. At the top click the DNS tab. Uncheck the following ... Append parent suffixes of the primary DNS Suffix & Register This Connections in DNS

....you still have your Advanced TCP settings dialogue and select th next tab which is titled WINS

8) Under this tab you will make sure that there is no check mark beside Enable LMHOSTS Lookup & Under the Netbios Settings heading Select Disable Netbios over TCP/IP...then click OK...and click OK again...and for a third time click OK.

9) One more step Start>Control Panel>Performance & Maintenance>Administrative Tools>Services> scroll down to DNS Client ..double click it ..under the general tab look at startup type and change it to disabled.click OK

Whew.. All done ..Restart your computer...

In a summary what was explained step by step has not only set IP addresses manually. It has secured your internet connection a little bit more by closing Netbios. By setting the IP addresses manually you create a reliable connection from your computer to where your ISP servers are. Its a known fact that leaving the IP settings to Auto may work a good part of the time then every so often it goes flakey and loss of connections happen every so often. The manual settings ensure that it points your Operating System and ethernet card in the correct direction.

Let me know if this works and if not lots more suggestions.

LoL....lots of water u bet thats for afterwards...to replenish the fluids after having lots of fun in the sun and a few wobbly pops
....i could use the warm weather since this winter here has been in the range of -10 celcius to as low as -28 celcius..

Cheers!

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