

Re: D-Link Modem Not Working With One Computer

Source:

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- *From:* "Tomi Häsä" <tomi.hasa@xxxxxxxx>
 - *Date:* Sat, 10 May 2008 22:02:57 +0300
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"James Egan" <jegan@xxxxxxxx> wrote in message
<news:68je5rF2rn65cU1@xxxxxxxxxxxxxxxxxxxxxxxx>

You're getting an apipa address and mask which is what the computer defaults to when it cannot connect with the dhcp server. That's not the problem. It just confirms it's a wireless problem probably with encryption.

You say the settings are the same on the working and not working computers. What are they specifically? And what is the router set up to use?

If you're using wpa-psk encryption ensure you have the correct setting for aes or tkip. Some hardware can't handle aes so you might have to use tkip.

The LAN and WLAN connections now seem to work with the HP laptop also! With D-Link I tested several different setting combinations one by one, for example I enabled DHCP Server, then Virtual Circuit, and finally NAT, and then connections with both of my computers worked except the `_wired_` connection with HP laptop, so I looked what was different and enabled "Client for Microsoft Networks" and "File and Pinter Sharing for Microsoft Networks" in Network Connections, but what is strange is that my ISP told me to disable them in Windows in year 2007, but maybe the ISP's network settings have changed again.

My D-Link DSL-G624T might have a bug when you try to use WEP. First of all, I can't make D-Link's WEP work (I have tried 64bits and 256bits WEP keys with both of my computers), and when I change back to WPA, all my connections, wired and wireless with both of my computers stop working. Only restarting (unplugging power adapter and then plugging it in again) D-Link seems to work (restarting my computers isn't enough).

And, by the way, here are my network related settings in both of my Windows XP laptops in case someone is interested in them:

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(1) _Wireless_ Settings

Control Panel: Network Connections: Wireless Network Connection: General

- Client for Microsoft Networks
- File and Pinter Sharing for Microsoft Networks
- QoS Packet Scheduler
- Internet Protocol (TCP/IP)

Wireless Network Connection: Internet Protocol (TCP/IP)

- Properties
- (*) Obtain an IP address automatically
- (*) Obtain DNS server address automatically
- Advanced
- IP Settings: - DHCP Enabled
- Automatic metric
- DNS: (*) Append primary and connection specific DNS suffixes
- Append parent suffixes of the primary DNS suffix
- Register this connection's addresses in DNS
- WINS: - Enable LMHOSTS lookup
- NetBIOS setting: (*) Default: Use NetBIOS setting from the DHCP server. If static IP address is used or the DHCP server does not provide NetBIOS setting, enable NetBIOS over TCP/IP.
- Options: TCP/IP Filtering: - Enable TCP/IP Filtering (All adapters)
- Permit All (TCP Ports, UDP Ports, IP Protocols)

My TH_NET network info according to Network Connections: TH_NET: Properties

- Association: - Network name (SSID): TH_NET
- Network Authentication: WPA-PSK
- Data encryption: TKIP
- Authentication: - Authenticate as computer when computer information is available {note: this option is grayed out}

(2) _Wired_ Settings

Control Panel: Network Connections: Local Area Connection: General

- Client for Microsoft Networks
- File and Pinter Sharing for Microsoft Networks
- QoS Packet Scheduler
- Internet Protocol (TCP/IP)

Local Area Connection: Internet Protocol (TCP/IP)

- Properties
- (*) Obtain an IP address automatically
- (*) Obtain DNS server address automatically
- Advanced
- IP Settings: - DHCP Enabled
- Automatic metric
- DNS: (*) Append primary and connection specific DNS suffixes
- Append parent suffixes of the primary DNS suffix
- Register this connection's addresses in DNS

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- WINS: - Enable LMHOSTS lookup
- NetBIOS setting: (*) Default: Use NetBIOS setting from the DHCP server. If static IP address is used or the DHCP server does not provide NetBIOS setting, enable NetBIOS over TCP/IP.
- Options: TCP/IP Filtering: - Enable TCP/IP Filtering (All adapters)
- Permit All (TCP Ports, UDP Ports, IP Protocols)

Local Area Connection: Authentication

- Enable IEEE 802.1x authentication for this network
- EAP type: Smart Card or other Certificate
- Authenticate as computer when computer information is available

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