

Re: Problems adding a new computer to existing network

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-01/msg01217.html

- From: Chuck <none@xxxxxxxxxxx>
 - Date: Wed, 25 Jan 2006 21:46:53 -0800
-

On Wed, 25 Jan 2006 21:34:02 -0800, "drose01"
<drose01@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

```
>
>
>"Chuck" wrote:
>
>> On Wed, 25 Jan 2006 19:35:02 -0800, "drose01"
>> <drose01@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:
>>
>>> "Chuck" wrote:
>>>
>>>> OK, David.
>>>>
>>>> The command "ipconfig /all" will give us some diagnostics. Try that first.
>>>> <http://nitecruzr.blogspot.com/2005/05/reading-ipconfig-and-diagnosing.html>
>>>> http://nitecruzr.blogspot.com/2005/05/reading-ipconfig-and-diagnosing.html
>>>>
>>>> The MAC address is a unique identifier that's provided by the manufacturer for
>>>> each network device.
>>>> <http://nitecruzr.blogspot.com/2005/10/mac-addresses.html>
>>>> http://nitecruzr.blogspot.com/2005/10/mac-addresses.html
>>>>
>>>> Do you have to configure the Windows Firewall each time you reboot?
>>>>
>>>> Thanks Chuck. This looks like it might be helpful.
>>>>
>>>> "Windows IP configuration
>>>> Host Name: X
>>>> Primary Dns Suffix: (blank)
>>>> Node Type: Broadcast
>>>> IP Routing enabled: No
>>>> Wins Proxy enabled: No
>>>> Ethernet adapter Wireless Connection:
>>>> Connection-specific DNS Suffix: (blank)
>>>> Description: Belkin 802.11g Network Adapter
```

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>>> Physical Address: 00-11-50-95-97-F6
>>> Dhcp Enabled: Yes
>>> Autoconfiguration Enabled: Yes
>>> IP Address:0.0.0.0
>>> Subnet Mask: 0.0.0.0
>>> Default Gateway: (blank)
>>> DHCP Server: 0.0.0.0
>>> Ethernet adapter Local Area Connection:
>>> Media State: Media Disconnected
>>> Description: Linksys LNE100Tx Fast Ethernet
>>> Ethernet PCI Card Physical Address: 00-A0-CC-E3-CE-9E"
>>>
>>>(the ethernet cable is currently disconnected)
>>>
>>>Regarding configuring the Windows Firewall, I found that opening the
>>>configuration window is the only way that I can get the "network connections"
>>>screen to display the network adapters. I don't even have to change the
>>>firewall configuration: I just open that window, then close it, then refresh
>>>the view on my network configurations window, and they appear. Until then, I
>>>get that message : "The Network Connections Folder was unable to retrieve the
>>>list of Network adapters on your machine. Please make sure the Network
>>>Connections service is enabled and running." Note that the network adapters
>>>show up on "IPConfig/all" even before I do that trick to make them show up in
>>>the "Network Connections" window.
>>>
>>>David
>>>
>>> David,
>>>
>>> This is wrong:
>>> IP Address:0.0.0.0
>>> Windows XP should get either a real IP address, or an APIPA address. Not
>>> 0.0.0.0. This suggests LSP / Winsock corruption.
>>>
>>> You snipped this from my previous post.
>>> Well, your symptoms suggest LSP / Winsock corruption, though that is a more
>>> common problem with computers that have been on the network for a while. But
>>> it's either that, or a physical issue. And the message "this device is working
>>> properly" is about all you'll get there.
>>> <<http://nitecruZR.blogspot.com/2005/05/problems-with-lsp-winsoc-layer-in.html>>
>>> <http://nitecruZR.blogspot.com/2005/05/problems-with-lsp-winsoc-layer-in.html>
>>>
>>> --
>>> Cheers,
>>> Chuck, MS-MVP [Windows - Networking]
>>> <http://nitecruZR.blogspot.com/>
>>> Paranoia is not a problem, when it's a normal response from experience.
>>> My email is AT DOT
>>> actual address pchuck mvps org.
>>> >Chuck:
>>>

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>A few questions.
>
>First, what is a Winsock corruption and how do you (or can you) fix it?
>
>Also, in that "ipconfig/all" result, does the setting "IP Routing enabled:
>No" indicate a configuration problem that I can change?
>
>David

David,

IP Routing is set automatically, and I don't know that you can, or need, to change it. On my 3 computer LAN, one computer has IP Routing enabled, presumably because I setup a dialup modem and tested ICS once. It doesn't affect anything anyway.

For information about LSP / Winsock corruption, including how to fix it, please read my article! I cite numerous articles in each of my posts, and all of them are chosen with you in mind. But they're useless if you don't read them, and the linked articles.

<<http://nitecruZR.blogspot.com/2005/05/problems-with-lsp-winsock-layer-in.html>>
<http://nitecruZR.blogspot.com/2005/05/problems-with-lsp-winsock-layer-in.html>
<<http://nitecruZR.blogspot.com/2005/06/how-to-get-most-out-of-pchucks-network.html>>
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- **Follow-Ups:**
 - ◆ **Re: Problems adding a new computer to existing network**
◇ From: drose01

 - **References:**
 - ◆ **Re: Problems adding a new computer to existing network**
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- Prev by Date: **Re: Problems adding a new computer to existing network**
- Next by Date: **Re: Problems networking 2 pc's**
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