

Re: {workgroup}"...is not accessible" after removing NWLINK

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network\\_web/2005-04/msg00261.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2005-04/msg00261.html)

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- *From:* Chuck <none@xxxxxxxxxxx>
  - *Date:* 2 Apr 2005 12:21:03 -0600
- 

On Sat, 2 Apr 2005 09:41:05 -0800, "E. Jerry" <EJerry@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

>Chuck,  
>  
>In answer to your question: I see "The service reported starting" when I  
>reboot the XP machine. I generally reboot the machine whenever I make network  
>changes.  
>  
>Please correct me if I'm wrong. If we could isolate a source problem down  
>to a single machine (say?the XP machine), wouldn't it be easier and more  
>manageable to troubleshoot that way? It appears to me that the source  
>problem is a browse service that won't run on the XP machine using the TCP/IP  
>Transport. With all other machines turned off and the XP machine running by  
>itself, I'm finding constant info-messages in the Event Viewer | System such  
>as this one:  
>  
>?The browser has forced an election on network  
>\Device\NetBT\_Tcpip\_{5B10E503-8B17-4B28-8A98-B975C0B91878} because a master  
>browser was stopped.?  
>  
>I temporarily reinstalled NWLink to see what would happen (remember, this is  
>the only condition when My Network Places ever lists anything, due to the  
>problem I having). When I did this, when My Network Places started listing  
>my shares again. The clip below is what I got from ?BROWSTAT STATUS? with  
>NWLink installed. Notice that the browser runs for both NWLink Transports,  
>but still never runs for the TCP/IP Transport?  
>  
>?Status for domain DOMAIN2 on transport \Device\NwlnkNb  
> Browsing is active on domain.  
> Master name cannot be determined from GetAdapterStatus. Using \\JER  
> Master browser is running build 2600  
> 1 backup servers retrieved from master JER  
> \\JER  
> There are 1 servers in domain DOMAIN2 on transport \Device\NwlnkNb  
> There are 1 domains in domain DOMAIN2 on transport \Device\NwlnkNb?  
>

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>  
>Status for domain DOMAIN2 on transport  
>\Device\NetBT\_Tcpip\_{5B10E503-8B17-4B28-8A98-B975C0B91878}  
> Browsing is NOT active on domain.  
> Master name cannot be determined from GetAdapterStatus.  
>  
>  
>Status for domain DOMAIN2 on transport \Device\NwlnkIpx  
> Browsing is active on domain.  
> Master name cannot be determined from GetAdapterStatus. Using \\JER  
> Master browser is running build 2600  
> 1 backup servers retrieved from master JER  
> \\JER  
> Unable to retrieve server list from JER: 1231  
>  
>Sorry I did not read your request more closely. HERE IS THE CORRECT  
>?IPConfig / all? from the XP machine result:  
>  
>Windows IP Configuration  
>  
> Host Name . . . . . : Jer  
> Primary Dns Suffix . . . . . :  
> Node Type . . . . . : Unknown  
> IP Routing Enabled. . . . . : No  
> WINS Proxy Enabled. . . . . : No  
>  
>Ethernet adapter 10 Base T:  
>  
> Connection-specific DNS Suffix . :  
> Description . . . . . : Realtek RTL8139/810x Family Fast  
>Ethernet NIC  
> Physical Address. . . . . : 00-11-2F-DA-B1-DB  
> Dhcp Enabled. . . . . : No  
> IP Address. . . . . : 192.168.0.7  
> Subnet Mask . . . . . : 255.255.255.0  
> IP Address. . . . . : 192.168.0.4  
> Subnet Mask . . . . . : 255.255.255.0  
> Default Gateway . . . . . : 192.168.0.5  
>  
>When I try to uninstall the NWLink Transports, I get a refusal, stating that  
>NWLink is required by SAP (Server Advertising Protocol). It seems to me I  
>would also need SAP for TCP/IP also, but XP gives me no choice, I must  
>uninstall SAP before I can uninstall NWLink.  
>  
>When I'm finally able to uninstall NWLink (and SAP, of course), I'm back to  
>where I started when I try to list in My Network Places. I get the error  
>message {myworkgroupname}"...is not accessible...see...administrator ...find  
>out if you have access permissions...". The last line reads "The list of  
>servers for this workgroup is not currently available."  
>  
> ?BROWSTAT STATUS? simply tells me the browser is not running.

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>  
>by the way, I read all of the browser description sources. Quite similar  
>to those I studied for my MCSE, but thanks.  
>  
>Any ideas?  
> E. Jerry  
>  
>  
>"Chuck" wrote:  
>  
>> On Tue, 29 Mar 2005 14:53:01 -0800, "E. Jerry"  
>> <EJerry@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:  
>>  
>> >Chuck,  
>> >  
>> >I greatly appreciate your prompt reply. Admin Tools | Services | "Computer  
>> >Browser", "Server" and "Workgroup" all reported being started. I tried  
>> >stopping the browser service and rebooting. The service reported starting,  
>> >but the problem didn't change.  
>> >  
>> >I'm sending you info on the XP machine and one 98 machine as you requested.  
>> >But since the problem exhibits all on the XP machine, is it helpful to  
>> >examine the 98 machine at this time? Even the XP machine won't show it's own  
>> >shares.  
>> >  
>> >Here is the info you requested and a little extra:  
>> >  
>> <SNIP>  
>> >  
>> Jerry,  
>> >  
>> You have at least 2 computers. You are observing your problem from one of them,  
>> regarding a second one. Right now, we're not certain where the problem lies.  
>> >  
>> Browsing on a LAN with both computers running Windows 95/98/ME, and Windows  
>> NT/2K/XP, has been known for quite a while to be problematic. The first thing  
>> you have to do is to shut off the browser on either all of the Windows NT/2K/XP,  
>> or all of the Windows 95/98/ME, computers. If there's an additional problem,  
>> that has to be dealt with next.  
>> <<http://www.microsoft.com/technet/archive/win95/w95brows.msp>>  
>> <<http://support.microsoft.com/?id=246489>>  
>> <<http://www.compudentsystems.com/documentation/win98.html>>  
>> >  
>> My diagnostic procedures, which do get a bit dogmatic at times, work best when  
>> multiple cases can be examined. In your case, that involves the Windows XP  
>> computer, and one, or preferably two, of the Windows 98 computers. A complete  
>> IPConfig is far larger than the one you presented, too.  
>> >  
>> I gotta say too, I've not yet worked with a 10 Base T LAN, so this is a first.  
>> And I know that the OSI layer design should make that irrelevant, but I'm  
>> wondering whether there are any differences between 10BT and RJ-45 Ethernet that

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>> might be of interest here. Is this Switched Ethernet, or is it classical Bus  
>> 10BT?  
>>  
>> When did you see "The service reported starting"?? If you Disabled the service,  
>> why did you see that at all?  
>>  
>> Looking forward to seeing some more diagnostics (lots more). And more answers.  
>> ;)

Jerry,

The browser, and file sharing, are processes which involve two or more computers. Many times, the cause of a problem may be another computer, other than the one on which you see the symptoms. It's a lot simpler to diagnose a problem when you have diagnostics for all possible participants in the problem.

The browser is a real fun thing to work with. If you want to get an idea why it can cause inconsistent symptoms (problems on just some computers, some of the time), please read my reply to Bob S in a thread "Got TCP/IP connection, but no file sharing!?" 3/30. That will soon be a webpage, but now its just a group post.

Installation of IPX/SPX or NetBEUI serves as a workaround when the problem is related to the TCP/IP on the LAN (maybe a firewall misconfigured). If you have physical connectivity issues, or if file sharing is not set up properly on one or more computers, adding IPX/SPX or NetBEUI will not help. And if you don't setup IPX/SPX or NetBEUI properly, it will simply hamper diagnosing the actual problem.

Windows networking is built around TCP/IP, and uses NetBIOS Over TCP/IP as an interface to file and printer sharing.

If there's a problem with TCP/IP, or with NBT, IPX/SPX or NetBEUI may provide a workaround. But it will also add needless complexity, and may cause long term stability problems.

If the problem being experienced is caused by authentication / authorisation, IPX/SPX or NetBEUI won't resolve anything.

Fix the problem. Don't add to it.

Here are a couple good articles on the subject (remember, WinXP is WinNT V5.1):

<<http://support.microsoft.com/?id=128233>>

<<http://www.networkmagazine.com/article/NMG20000517S0009>>

<<http://www.ultratech-llc.com/BrainWave/TechDocs/Resolution.html>>

To start, you need to eliminate excess protocols from the list of items under Local Area Connection Properties. You only need the following items in the list, on each computer:

Client for Microsoft Networks

File and Printer Sharing For Microsoft Networks

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QoS Packet Scheduler (optional)  
Internet Protocol (TCP/IP)

Then, make sure that NetBIOS Over TCP/IP is enabled on each computer. Local Area Connection – Properties – TCP/IP – Properties – Advanced – WINS – Enable NetBIOS over TCP/IP.

You specifically don't require IPX/SPX or NetBEUI.

So please start by removing NWLink IPX/SPX from all computers. Power all computers off. When all computers are powered off, power on the one which should be the master browser, then all the others. Run browstat and ipconfig on each computer, and post here. Then don't change or reboot anything, lest some settings change, and interfere with the diagnosis.

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Cheers,  
Chuck

Paranoia comes from experience – and is not necessarily a bad thing.  
My email is AT DOT  
actual address pchuck sonic net.

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• ***Follow-Ups:***

- ◆ ***Re: {workgroup}"...is not accessible" after removing NWLINK***  
◇ From: E. Jerry

• ***References:***

- ◆ ***Re: {workgroup}"...is not accessible" after removing NWLINK***  
◇ From: E. Jerry

- Prev by Date: ***dial-up connection times out***
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