

Re: Problem Networking an XP Home with two XP Pro Computers.

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-10/msg00205.html

- *From:* kjfrey55 <kjfrey55@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 29 Sep 2006 19:54:01 -0700
-

CORRECTED REPLY

"Chuck" wrote:

On Fri, 29 Sep 2006 09:59:01 -0700, kjfrey55
<kjfrey55@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

I have a workgroup set up with one Home computer and two Professional computers. When I use Windows Explorer on the Home computer to bring up My Network Places>Entire Network>Microsoft Windows Network> and click on the workgroup name (Boxoffice) it times out and then gives the error:

"Boxoffice is not accessible. You might not have permission to use this network resource. Contact the administrator of the server to find out if you have access permissions. The list of servers for this workgroup is not currently available."

I can ping the Pro machines from the Home machine by IP address but not by name and I can ping Internet locations by both IP address and name.

The two Pro computers can open the workgroup, see each other and the Home computer. The Pro computers have no problem connecting to each other, but trying to connect to the Home computer brings up the same error message as above except that the computer name Window1 is the resource that is not accessible.

Setup:

The computers are connected to a router that is providing IP addresses.

TCP/IP settings are all set to Obtain IP address automatically

All three are on the same subnet only the fourth number in the address is different.

All three are in the same workgroup BOXOFFICE .

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I created a share on one of the Pro computers and one on the Home computer (so they'd show up in &\Microsoft Windows Network\Boxoffice)

Things I tried:

1. Verified that SFS was enabled on the Pro machines.
2. Activated and verified that the Guest account was active on the Pro machines.
3. NetBIOS over TCP set consistently in all (enabled). It didn't work when set to "default" on all either.
4. Checked ipconfig/all to verify that all NodeTypes were the same.
5. Ran netsh winsock reset catalog to see if the LSP/Winsock layer was corrupt.
6. Reset TCP/IP from the MSKB article 299357.
7. Turned Windows firewall off on all machines; no other firewalls installed.
8. Verified that HKLM\System\CurrentControlSet\control\Lsa restrictanonymous setting was '0' on all machines.
9. Re-installed the drivers for the network card on the Home machine.

One other thing that came up which may or may not be relevant. When I executed nbtstat -n on the Pro machines, the workgroup name 'BOXOFFICE' is listed twice, both times as "GROUP" and the workstation name is listed twice as "UNIQUE". When I ran it on the home machine "BOXOFFICE" is listed twice as "Group" and once as "UNIQUE". There's also an entry for .._MSBROWSE_ listed as a "GROUP".

Your assistance is appreciated.

Ken

Ken,

The browser service will generate extra nbtstat entries.

How about we start with "browstat status" and "ipconfig /all", from each computer, so we can diagnose the problem. Read this article, and linked articles, and follow instructions precisely (download browstat!):

<<http://nitecruZR.blogspot.com/2005/05/troubleshooting-network-neighborhood.html#AskingForHelp>>
<http://nitecruZR.blogspot.com/2005/05/troubleshooting-network-neighborhood.html#AskingForHelp>

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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.

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Here's the output from ipconfig /all and browstat status from each:

Window1 (XP Home)

Windows IP Configuration

Host Name : Window1
Primary Dns Suffix :
Node Type : Unknown
IP Routing Enabled. : No
WINS Proxy Enabled. : No
DNS Suffix Search List. : pacbell.net

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : pacbell.net
Description : Realtek RTL8139/810x Family Fast
Ethernet NIC
Physical Address. : 00-11-D8-94-FD-29
Dhcp Enabled. : Yes
Autoconfiguration Enabled : Yes
IP Address. : 69.239.197.65
Subnet Mask : 255.255.255.240
Default Gateway : 69.239.197.78
DHCP Server : 69.239.197.78
DNS Servers : 69.239.197.78
Lease Obtained. : Friday, September 29, 2006
3:56:15 PM
Lease Expires : Friday, September 29, 2006
4:56:15 PM

Status for domain BOXOFFICE on transport
\\Device\NetBT_Tcpip_{6254E0FD-9BD9-45F1-B01A-52CCD66279BC}
Browsing is NOT active on domain.
Master name cannot be determined from GetAdapterStatus.

Boxoffice2 (XP Pro)

Windows IP Configuration

Host Name : BoxOffice2
Primary Dns Suffix :
Node Type : Unknown
IP Routing Enabled. : No
WINS Proxy Enabled. : No
DNS Suffix Search List. : pacbell.net

Re: Problem Networking an XP Home with two XP Pro Computers.

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : pacbell.net
Description : Broadcom NetXtreme Gigabit
Ethernet for hp
Physical Address. : 00-13-21-5C-08-BB
Dhcp Enabled. : Yes
Autoconfiguration Enabled : Yes
IP Address. : 69.239.197.71
Subnet Mask : 255.255.255.240
Default Gateway : 69.239.197.78
DHCP Server : 69.239.197.78
DNS Servers : 69.239.197.78
Lease Obtained. : Friday, September 29, 2006
3:55:56 PM
Lease Expires : Friday, September 29, 2006
4:55:56 PM

Status for domain BOXOFFICE on transport
\\Device\NetBT_Tcpip_{2818257B-F80E-4D4F-A17D-61019B98A4B2}
Browsing is NOT active on domain.
Master name cannot be determined from GetAdapterStatus.

Boxoffice3 (XP Pro)

Windows IP Configuration

Host Name : Boxoffice3
Primary Dns Suffix :
Node Type : Unknown
IP Routing Enabled. : No
WINS Proxy Enabled. : No
DNS Suffix Search List. : pacbell.net

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : pacbell.net
Description : Broadcom NetXtreme Gigabit
Ethernet for hp
Physical Address. : 00-13-21-0F-5E-B2
Dhcp Enabled. : Yes
Autoconfiguration Enabled : Yes
IP Address. : 69.239.197.70
Subnet Mask : 255.255.255.240
Default Gateway : 69.239.197.78
DHCP Server : 69.239.197.78
DNS Servers : 69.239.197.78
Lease Obtained. : Friday, September 29, 2006
3:56:27 PM

Re: Problem Networking an XP Home with two XP Pro Computers.

Lease Expires : Friday, September 29, 2006
4:56:27 PM

Status for domain BOXOFFICE on transport

\Device\NetBT_Tcpip_{A6EFCB81-8088-4A0E-B4D7-9DA43C1C57A4}

Browsing is active on domain.

Master browser name is: BOXOFFICE2

Could not open key in registry, error = 5 Unable to determine build
of browser master: 5

\\BOXOFFICE2 . Version:05.01 Flags: 51203 NT POTENTIAL MASTER

1 backup servers retrieved from master BOXOFFICE2

\\BOXOFFICE2

There are 2 servers in domain BOXOFFICE on transport

\Device\NetBT_Tcpip_{A6EFCB81-8088-4A0E-B4D7-9DA43C1C57A4}

There are 2 domains in domain BOXOFFICE on transport

\Device\NetBT_Tcpip_{A6EFCB81-8088-4A0E-B4D7-9DA43C1C57A4}

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