

Re: Network host insists on retaining wrong ip address for client

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-02/msg00768.html

- *From:* Chuck <none@xxxxxxxxxxx>
 - *Date:* Wed, 15 Feb 2006 17:52:47 -0800
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On 15 Feb 2006 17:00:47 -0800, riprap1951@xxxxxxxxxxx wrote:

Hello, All

[WinXP Pro SP2 wireless network w/ D-Link DI-624 router, auto DHCP setup]

I realize that there're hundreds of posts on name resolution problems; I've read thru a great many of them, trying to fix the problem myself, before posting this. Here's the deal:

Host computer/desktop <"host"> is hard-connected to router.

Laptop unit <"laptop"> connects with adapter card.

Laptop can ping the host by ip address & computer name. No problem.

Host can ping the laptop by ip address, but not by name.

What I've already done:

1) Made double-sure that the #PRE entries in both computers' LMHOSTS files are accurate.

2) Made sure that in the laptop's adapter's properties > TCP/IP properties > advanced > "enable lmhosts lookup" box is checked.

3) From the host computer [the one seemingly w/ name res problem] from the cmd-line I ran "nbtstat -r", which according to the Help is supposed to purge existing netbios names and re-enter the ones currently in lmhosts file. No joy.

4) Made sure that the Windows firewall on BOTH units is off & disabled.

5) Here's where you networking experts get the big clue: In the router's status window, the laptop's ip address shows up accurate. In the host computer's lmhosts file the laptop's address is correct. BUT when I run "net view" from the host-computer's cmd-line, the laptop units name comes up BUT with the wrong ip address.

Why in the heck, after I ran nbtstat -r on host-computer, does it insist on retaining the wrong ip address for the laptop/client? I am thoroughly-stumped [:-|

Any help I could get on this would be greatly-appreciated. Thanks in advance!

riprap

Re: Network host insists on retaining wrong ip address for client

I would very much like to see some diagnostics here. Please provide "browstat status" and "ipconfig /all" from each computer. 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>

Is Windows Firewall the only security program involved here?

<<http://nitecruZR.blogspot.com/2005/05/your-personal-firewall-can-either-help.html>>
<http://nitecruZR.blogspot.com/2005/05/your-personal-firewall-can-either-help.html>

There is a section on name resolution under NBT, that you might find instructive, in the NT Browser white paper – look for the section titled "Microsoft TCP/IP and Name Resolution".

<<http://www.microsoft.com/technet/archive/winntas/deploy/prodspecs/ntbrowse.mspx>>
<http://www.microsoft.com/technet/archive/winntas/deploy/prodspecs/ntbrowse.mspx>

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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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