

Re: XP Home and local area network

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2004-12/2239.html

From: Chuck (*none_at_example.net*)

Date: 12/21/04

Date: 21 Dec 2004 12:32:11 -0600

On Tue, 21 Dec 2004 17:59:39 GMT, *email_address_deleted* wrote:

>Thanks Carey and Chuck,

>

>I am glad to give anything a shot once at least. I looked over the patch
>and am having some difficulty deciding what the purpose of the patch is.
>What is it meant to achieve? And from the notes I sent last night do you
>get a feel for why machines that previously shared files no longer do. Why
>does the browstat not allow an election if the services are running
>correctly?

>

>Had I been able on the 1st visit to locate a handy XP CD I'd have installed
>NetBEUI and gone on my way. Do you think this might bypass the problem?

>

>I could not help but think the problem ultimately came about when 2 machines
>that had previously found one another via a host XP box no longer had the
>host box available. I mentioned in an earlier post I'd been able to ping an
>IP, that machine (the one I could ping) is the new box, the one that had not
>been in the workgroup before. All the systems are running XP Home-SP2.

>

>In answer to your question Chuck about my experience in the registry I do
>have a reasonable amount of experience there and in most aspects of the
>system hardware and software, and a fair amount of training in Microsoft OS
>back as far as DOS 3.0 and rarely run across one I can't effectively
>troubleshoot. I certainly did not expect this to be more than about a 30-40
>minute wireless router setup and a quick sharing of resources and connecting
>a printer. Now here I am 5 days later with some amount of egg dripping off
>my chin.

>

>>From looking over the text in the reg patch Carey is supplying it appears
>that the anonymous access is corrected but I am unclear about the purpose of
>the rest of it.

>

>[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\NetBT\Parameters]

>

>"NodeType"=-

>"DhcpNodeType"=-

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>[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\Lsa]
>
>"restrictanonymous"=dword:00000000
>
>[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\lanmanserver\parameters]
>"IRPStackSize"=-
>-----
>If when I install the patch on each box I still don't get the desired
>results would it be a fair assumption that I might be better off
>uninstalling the network completely and setting it up from scratch? In 98SE
>environments this has worked wonders in the past. Is XP as cooperative or
>will it simply put everything back like it was?
>
>Thanks again
>Chris
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Chris,

The Restrictanonymous patch is to enable the browser to work – the browser requires anonymous access to all computers, as it runs regardless who is logged in at the time.

<http://www.microsoft.com/windows2000/techinfo/reskit/en-us/default.asp?url=/windows2000/techinfo/reskit/en-us/>
<http://www.microsoft.com/technet/prodtechnol/winntas/deploy/prodspecs/ntbrowse.msp>>

The IRPStackSize patch is to solve a specialised problem with servers running NAV, and may not apply in your case.

<http://support.microsoft.com/?id=177078>

The browser is a peer–peer method of cataloguing resources (shares) on your LAN. The master browser is elected in a pretty complicated fashion; as there is no authoritative computer deciding which becomes the master browser, it's simply all available browsers deciding between themselves.

After changing the browser setting on any computer, you need to power all computers off to reset the browser settings on each. Or wait up to 52 minutes (see the long Microsoft article for an explanation about the magic number) for all computers to reset themselves.

Installation of 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 NetBEUI will not help. And if you don't setup NetBEUI properly, it will simply hamper diagnosing the actual problem.

If browstat helps you figure the problem out, kewl. If not, try posting browstat and ipconfig, so we can see the problem a bit easier.

As far as the egg on the chin bit, if you don't ever get that feeling, IMHO you are not really challenging yourself. ;–)

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And Chris, posting your email address openly will get you more unwanted email, than wanted email. Learn to munge your email address properly, to keep yourself a bit safer when posting to open forums. Protect yourself and the rest of the internet – read this article.

http://www.mailmsg.com/SPAM_munging.htm

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Cheers,
Chuck

Paranoia comes from experience - and is not necessarily a bad thing.