

Re: cannot connect two win2k computers

Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.networking/2005-01/0748.html>

From: wendeebee (address_at_insig.com)

Date: 01/17/05

Date: Sun, 16 Jan 2005 19:06:41 -0800

"Herb Martin" <news@LearnQuick.com> wrote in message
news:eFL%23YdB\$EHA.3924@TK2MSFTNGP15.phx.gbl...

> > *B (system-41b46a6e) ->A (Wendy-zmud8nvrn)*

>

> *First those (NetBIOS) names are suspicious but seem to be legal.*

>

> *They are LESS than 16 characters (I prefer less than 15 but this
> shouldn't matter here), and the "-" is technically legal, although
> again, I would only use INITIAL alphabetic, followed by up to
> 13 alphanumeric. They are however legal.*

>

> *Broadcast name resolution should work if the machines can
> ping and are on the same subnet (as the addresses suggest.)*

>

> *Such tends to argue for switch/hub issues, maybe cable.*

>

> *What are they plugged into? You need to give me a clear
> description of how each is physically connected (to what
> device etc.)*

>

>

> > *Ping by name:*

> > *c:\ping Wendy-zmud8nvrn*

> > *Unknown host Wendy-zmud8nvrn.*

>

> *Ok, name resolution fails -- the address is never tried,
> and in the next, we see IP work so this implies your
> network is basically working (hardware, IP addresses)
> and leads us back to name resolution. (So I spent a
> long time looking at those machine names to make sure
> they were legal.)*

>

> > _____

> > *Ping by Number:*

> > *Pinging 192.168.1.100 with 32 bytes of data:*

> > *Reply from 192.168.1.100: bytes=32 time<10ms TTL=128*

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> > *Ping statistics for 192.168.1.100:*
> > *Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),*
>
> *IP worked B→A but fails the other direction.*
> *This almost never happens EXCEPT when B (the*
> *one that fails) is running a Firewall and has thereby*
> *disabled responding to pings.*
>
> *This means we really should check the Firewall on the*
> *NIC of machine B.*
>
> > _____
> > *Net Share:*
> > *Share name Resource Remark*
>
>

> --
> > *Share E:\Share*
> > *The command completed successfully.*
>
> *Ok, they both have something NON-HIDDEN shared:*
> *i.e., that share named SHARE.*
>
> > *From Computer B:*
> > *IPconfig all:*
> > *Windows 2000 IP Configuration*
> > *Host Name : system-41b46a6e*
> > *Primary DNS Suffix :*
>
> *This shouldn't matter since you are using the short*
> *or NetBIOS name in each attempt to connect.*
>
> > *Node Type : Broadcast*
> > *IP Routing Enabled. : No*
> > *WINS Proxy Enabled. : No*
> > *Ethernet adapter Local Area Connection 2:*
> > *Connection-specific DNS Suffix . :*
> > *Description : Microsoft Wireless PCI Adapter*
> *MN-730*
> > *Physical Address. : 00-0D-3A-6D-B9-DA*
> > *DHCP Enabled. : Yes*
> > *Autoconfiguration Enabled : Yes*
> > *IP Address. : 192.168.1.101*
> > *Subnet Mask : 255.255.255.0*
> > *Default Gateway : 192.168.1.1*
> > *DHCP Server : 192.168.1.1*
> > *DNS Servers : 206.47.244.113*
> > *206.47.244.52*
> > *Lease Obtained. : Sunday, January 16, 2005 12:46:01*
PM

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> > *Lease Expires : Monday, January 17, 2005 12:46:01 PM*
> >
> > *Ethernet adapter Local Area Connection:*
> > *Media State : Cable Disconnected*
> > *Description : SiS 900-Based PCI Fast Ethernet Adapter*
> > *Physical Address. : 00-0C-6E-4F-25-56*
>
> *Ok, I don't know what the above NIC is doing but it doesn't seem to be in use -- did you perhaps have a NIC in your computer and the cable company added another? Shouldn't hurt anything.*
>
> > ++++++
> > *From Computer A:*
> > *Ipconfig /all:*
> > *Windows 2000 IP Configuration*
> > *Host Name : wendy-zmud8nvrn*
> > *Primary DNS Suffix :*
> > *Node Type : Hybrid*
> > *IP Routing Enabled. : No*
> > *WINS Proxy Enabled. : No*
> > *Ethernet adapter Local Area Connection 3:*
> > *Media State : Cable Disconnected*
> > *Description : Efficient Networks Enternet P.P.P.o.E*
> > *Physical Address. : 44-45-53-54-77-77*
> > *Ethernet adapter Local Area Connection:*
>
> *One must wonder what this is? Did they perhaps install PPOE on your first machine (computer A) and it is acting a a virtual NIC (not a real one) and in some way taking over the real NIC?*
>
> *Someone else here may know the answer but I am suspicious of this as maybe being involved in the problem.*
>
> > *Connection-specific DNS Suffix . :*
> > *Description : 3Com EtherLink XL 10/100 PCI For Complete PC Management NIC (3C905C-TX)*
> > *Physical Address. : 00-04-75-8B-03-95*
> > *DHCP Enabled. : Yes*
> > *Autoconfiguration Enabled : No*
> > *IP Address. : 192.168.1.100*
> > *Subnet Mask : 255.255.255.0*
> > *Default Gateway : 192.168.1.1*
> > *DHCP Server : 192.168.1.1*
> > *DNS Servers : 206.47.244.113*
> > *206.47.244.52*
> > *Lease Obtained. : Sunday, January 16, 2005 4:42:50 AM*

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> > *Lease Expires : Monday, January 17, 2005 4:42:50 AM*

> > _____

> > *Ping by name:*

> > *Unknown host System-41b46a6e.*

> > _____

> > *Ping by number:*

> > *Pinging 192.168.1.101 with 32 bytes of data:*

> > *Request timed out.*

> > *Ping statistics for 192.168.1.101:*

> > *Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),*

> > *Approximate round trip times in milli-seconds:*

> > *Minimum = 0ms, Maximum = 0ms, Average = 0ms*

> > _____

> > *Net Share:*

> > *Share name Resource Remark*

>

>

> --

> > *IPC\$ Remote IPC*

> > *Shared E:\Shared*

> > *The command completed successfully.*

>

> *What sort of machine is this? It doesn't seem to*

> *be NT-class (Win2000, XP etc) since it isn't automatically*

> *sharing it's C drive?*

>

> > *This is the current info from both machines.*

> > *Thank you,*

> > *Wendy*

>

> *I don't see it -- I am suspicious of the PPOE stuff,*

> *or perhaps the firewall on B.*

>

> *Otherwise it makes no sense that ping by number*

> *works only one direction.*

>

> *That must be fixed FIRST, then we move on to*

> *Name, then to seeing shares in Network Neighborhood.*

>

> *Otherwise you hardware devices are somehow*

> *suppressing the name broadcasts that must work (here)*

> *for name resolution.*

>

> *Again, I need you to describe precisely how this*

> *stuff is plugged together.*

>

>

> --

> *Herb Martin*

>

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microsoft.public.win2000.networking: Re: cannot connect two win2k computers

HERB!!! Thank you SO MUCH for your time and effort. You pointed me in the right direction, and that was firewall interference. There was a secondary application running under Norton (2 icons running in the sys tray, I didn't realize the other one was Norton as well), and I found the firewall settings and told it to let Computer A (Wendy-zmud8nvrn) in. A ping here, a ping there and we have communication.

In the meantime, I learned about Cmd prompt files, and that neat little trick about getting them to write directly to a .txt file, and a whole lot about communication.

I've been trying to figure this out since last Tuesday, so it is such a relief to get it solved.

Again, thanks a million for your time and expertise. I couldn't have done it without you, and I'm saving all your emails to my geeky win2000 archives.

Have a great night!

--Wendy

--

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