

## Re: How to network home and office without terminal services??

**Source:**

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2004-02/1323.html>

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The browser service does not use DNS. It relies on broadcasts. If your isolated machine is in a workgroup, it will not be able to browse. It is in a browse group of one! Your only chance is for it to find the Domain Master Browser (using WINS) and get the domain browse list (which will not include the remote client).

"mai1\_host" <mai1\_host@hotmail.com> wrote in message  
news:b22e49e2.0402281248.3a8116d@posting.google.com...  
> "Bill Grant" <not.available@online> wrote in message  
news:<uEm67PZ\$DHA.624@TK2MSFTNGP11.phx.gbl>...  
>> As Phillip has already pointed out, you can't browse the remote LAN  
>> unless you are a member of the domain (or somehow get the domain name  
known  
>> on the client).  
>>  
>> A full explanation of why would take half a book. Briefly, your  
remote  
>> client is not on the LAN, so it can't use LAN broadcasts. So it is not  
in  
>> the LAN browse list. But it can get a browse list for the LAN if it asks  
the  
>> right questions. If it is aware of the domain name, it will send a name  
>> server request to WINS for the Netbios name "domainname 1B", which is  
the  
>> domain master browser. WINS should reply with the IP address of the DMB.  
The  
>> client can then get a browse list from the DMB . It should look just  
like  
>> the browse list which the LAN clients see.  
>>  
>> If you are keen, you can monitor the traffic on the link and see  
exactly  
>> what the client is requesting (and why it fails).  
>>

> > "mai1\_host" <mai1\_host@hotmail.com> wrote in message  
> > news:b22e49e2.0402271417.52f70930@posting.google.com...  
> > > "Phillip Windell" <@.> wrote in message  
> > news:<OpDh7kU\$DHA.320@TK2MSFTNGP10.phx.gbl>...  
> > > > Here's what i would do, assuming your machine at home is not on a  
domain  
> > > but  
> > > > is just a stand-alone machine.  
> > > >  
> > > > You can not log into a Domain that the machine is not a member of.  
So...  
> > > >  
> > > > 1. Take your "home" machine to work.  
> > > > 2. Join it to the Domain  
> > > > 3. Take it back home  
> > > > 4. During normal use log in locally (third line of login is the  
> > > > machinename)  
> > > > 5. When you want to use it with your network at work, log off the  
> > > > machine  
> > > > 6. Hit Ctrl-Alt-Del again and check the box at the login screen that  
> > > > says  
> > > > "log on using dialup connection".  
> > > > 7. Choose the VPN Dialup from the choices.  
> > > > 8. The machine will activate the Dialup and login to the Domain over  
VPN  
> > > and  
> > > > go to the Desktop similar to how it would if you had a Domain at  
home.  
> > > >  
> > > > Note: You \*will\* be treated as a different user, you \*will\* have a  
> > > > different  
> > > > user profile. The fact that it may be an identical username and  
password  
> > > is  
> > > > meaningless, one account exists on the Domain and the other exists  
on  
> > > your  
> > > > Local machine, so it is not going to treat the two as the same user.  
> > > >  
> > > > You can skip all this and just use the machine normally as you are  
and  
> > > start  
> > > > the VPN Dialup and try to access the files but you will be prompted  
for  
> > > > credentials. The prompt will only have two lines so you will have to  
> > > > prefix  
> > > > the username with the remote Domain name to be accepted. Like this:  
> > > >  
> > > > User: domain\username  
> > > > Password: \*\*\*\*\*  
> > > >

microsoft.public.windows.server.networking: Re: How to network home and office without terminal services??

>>>> *Do \*not\* expect name resolution and network "browsing abilities".*  
>> *Browsing*  
>>>> *abilities require Domain Membership or at least a matching Workgroup*  
>> *name.*  
>>>> *Name resolution requires a WINS Server from the target Domain being*  
>> *entered*  
>>>> *into the VPN Dialup connectiod's TCP/IP properties.*  
>>>>  
>>>>  
>>>> --  
>>>>  
>>>> *Phillip Windell [MCP, MVP, CCNA]*  
>>>> *www.wandtv.com*  
>>>>  
>>>>  
>>>> *"Sarven" <ataenter@hotmail.com> wrote in message*  
>>>> *news:31aa01c3fcec\$910dd4b0\$a101280a@phx.gbl...*  
>>>>> *Hi, I would like to network my home pc to my office pc*  
>>>>> *(running server 2k3) via a vpn (probably a linksys router –*  
>>>>> *hardware vpn). I just wanna have access to a specific*  
>>>>> *drive at the office so that I may work on some documents,*  
>>>>> *I don't wanna run remote desktop or terminal services, how*  
>>>>> *can I just log into the office network as if I was just*  
>>>>> *part of the local network?*  
>>>>>  
>>>>> *Any help would be appreciated!*  
>>>>>  
>>>>> *Sarven*  
>>>  
>>>  
>>> *I have everything setup correctly and am able to vpn no problem. but i*  
>>> *still cant browse the other computers on my remote lan. DNS and WINS*  
>>> *servers are up and running and the address for then is entered in my*  
>>> *vpn connetions tcp/ip properties. so why cant i browse?*  
>  
>  
> *Here is what i have done so far.*  
> *On the server side port 1723 is forwarded from the router to the*  
> *server.*  
> *The PDC is the vpn,dns,wins server 192.168.1.x. On the client side i*  
> *have the address of the PDC entered in the vpn's connection dns and*  
> *wins properties*  
> *and i connect perfectly well.*  
>  
>  
> *I tested the wins by stopping the service on server and i could not*  
> *do a \\computername\sharename after it was stopped.*  
>  
> *I tested DNS by stopping it on the server and i could not browse so i*  
> *know that it is working so why cant i get the browse list from server.*  
> *Im conected and my workgroup is ABAB. I can \\coputername\Sharename*

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- > anywhere on remote network, I can resolve dns from remote network but
- > when i view workgroup or try to browse my network Im the only computer
- > listed. you mentioned monitoring traffic to see where it fails any
- > ideas on who to accomplish that.
- > Windows IP Configuration
- >
- > Host Name . . . . . : Mycomp
- > Primary Dns Suffix . . . . . :
- > Node Type . . . . . : Hybrid
- > IP Routing Enabled. . . . . : No
- > WINS Proxy Enabled. . . . . : No
- >
- > Ethernet adapter Local Area Connection:
- >
- > Connection-specific DNS Suffix . :
- > Description . . . . . : NETGEAR FA311 Fast
- > Ethernet Adapter
- > Physical Address. . . . . : 00-02-E3-09-8F-2D
- > Dhcp Enabled. . . . . : No
- > IP Address. . . . . : 192.168.1.4
- > Subnet Mask . . . . . : 255.255.255.0
- > Default Gateway . . . . . : 192.168.1.1
- > DNS Servers . . . . . : 192.168.1.1
- >
- > PPP adapter ABAB:
- >
- > Connection-specific DNS Suffix . : ABAB.local
- > Description . . . . . : WAN (PPP/SLIP) Interface
- > Physical Address. . . . . : 00-53-45-00-00-00
- > Dhcp Enabled. . . . . : No
- > IP Address. . . . . : 192.168.1.33
- > Subnet Mask . . . . . : 255.255.255.255
- > Default Gateway . . . . . : 192.168.1.33
- > DNS Servers . . . . . : 192.168.1.3
- > 192.168.1.3
- > Primary WINS Server . . . . . : 192.168.1.3
- > Secondary WINS Server . . . . . : 192.168.1.3