

## Re: 2 site's – vpn link – Slow local browsing

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2005-10/msg00048.html>

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- *From:* Wendel Hamilton <[WendelHamilton@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:WendelHamilton@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 5 Oct 2005 00:21:01 -0700
- 

Normally I would agree but he can't connect to shares using the IP address of the server and thus the master browser should be bypassed.

My reasoning that the remote server opens shares quickly as it is looking up the ACLs on its local network where the remote server is probably connecting through the VPN to get the ACLs from the other server.

It was only a suggestion.

He should defiantly set up WINS correctly or configure all his computers to use DNS and remove NetBIOS over TCPIP. Any way I hope one of us can resolve his issue.

"Bill Grant" wrote:

> Hi Wendel,

>

> Two sites assigned to two different subnets would certainly be an improvement! But I don't think it would solve the slow browsing. If a share in the "other" site opens faster than a local one, I agree with Ian that it is probably a master browser problem. I looks like there is not a network-wide browse list. The other alternative would be to use Dfs.

>

> And there is still the worry of DCs as routers.

>

> Wendel Hamilton wrote:

>> Perry,

>> You need to at least tell it you have 2 sites and the associated IP address range.

>> Here is some Light reading Ha Ha.

>>

<http://www.microsoft.com/technet/prodtechnol/windowsserver2003/library/ServerHelp/86a8abf7-7cfa-4aee-85fa-3c>

>>

>> "Perry Perdijk" wrote:

>>

>>> Hi There,

>>>

>>> I dont know exactly if I have a site link .I thought windows did that automatically.

>>> If i look in AD sites en services I see " default first sitename"

>>> under that i see the 2 servers .

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>>> If i look in " inter-site-transport" then under "IP" I see  
>>> "defaultfirstsitelink"  
>>> If i look in "subnet's" There is nothing there.  
>>>  
>>> I'm not a sitelink expert so any idea's are more then welcome.  
>>>  
>>> Thx  
>>> perry  
>>>  
>>>  
>>> thx  
>>> perry  
>>> "Wendel Hamilton" <WendelHamilton@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> schreef  
>>> in bericht [news:5FC676BF-C6E1-442A-96FC-CB65378FFA7D@xxxxxxxxxxxxxxxxxxxx](mailto:news:5FC676BF-C6E1-442A-96FC-CB65378FFA7D@xxxxxxxxxxxxxxxxxxxx)  
>>>> Perry,  
>>>> I don't think it's a master browser or wins problem.  
>>>> Could be that it is getting the ACLs from your server over the VPN.  
>>>> Do you have a site link between them?  
>>>>  
>>>> "Bill Grant" wrote:  
>>>>  
>>>>> Yes, you need WINS. Browsing uses Netbios names and LAN  
>>>>> broadcasts. The only effective way to get in working in a WAN or a  
>>>>> routed network is with WINS. Without WINS there is no way that  
>>>>> the Domain Master Browser can find the master browser in the other  
>>>>> segment to build a network-wide browse list.  
>>>>>  
>>>>> You can use one WINS server for the combined network. If you  
>>>>> set up a WINS server at each site, make sure that they replicate.  
>>>>>  
>>>>>  
>>>>> Perry Perdijk wrote:  
>>>>>> Does name resolution occur the same way at both sites? do both  
>>>>>> sites have wins and dns servers with the same info or are you  
>>>>>> broadcasting requests across the subnets for name resolution?  
>>>>>>  
>>>>>> Do i need wins on the servers?  
>>>>>> I have dnsservers running on both domaincontrollers. On the prim.  
>>>>>> domaincontroller and secondary dns on the sec.domaincontroller.  
>>>>>> Dns seem to be working fine on both site's.  
>>>>>>  
>>>>>>> Are you using the domain controllers as VPN Servers? How many  
>>>>>>> network cards do they have installed? What IP addresses for the  
>>>>>>> Domain Controllers appear in Wins / DNS  
>>>>>>>  
>>>>>>> I do run the domaincontrollers as vpnservers. They both have 2  
>>>>>>> nic's installed, on internal (192.168.x.x) and 1 external  
>>>>>>> (10.0.0.137). Both servers got isa2000 installed.  
>>>>>>> Both dnsservers are listening on only the internal ipadres.  
>>>>>>>  
>>>>>>> Thx for your help so far...

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> >>>>>  
> >>>>> Main question about your comment, do i need to install winsservers  
> >>>>> for this type of configuration?  
> >>>>>  
> >>>>> Thx  
> >>>>> perry  
> >>>>>  
> >>>>> "Ian" <gruntyonline@xxxxxxxxxxxx> schreef in bericht  
> >>>>> news:%23Vc2WlByFHA.664@xxxxxxxxxxxxxxxxxxxxxxxxxxxx  
> >>>>> Perry Perdijk wrote:  
> >>>>>> Hi There,  
> >>>>>>  
> >>>>>>> I got 1 domain , 2 servers , the servers are configured with  
> >>>>>>> isaserver 2000. The servers are connected over a vpn link.. The  
> >>>>>>> prim.domain controller(192.168.0.0) is on 1 site of the link.  
> >>>>>>> Secondary controller(192.168.1.1) on the other site.  
> >>>>>>>  
> >>>>>>> The problem is on the internal network on the remote location.  
> >>>>>>> when the clients connect to a share wich is on the local server(  
> >>>>>>> the network of the remote site) it is very slow.  
> >>>>>>> At first I thought i had to do with the browser service , but  
> >>>>>>> also when I connect to the server with " 192.168.1.1\share"  
> >>>>>>> sometimes it takes about 30 seconds for the share to open. But  
> >>>>>>> when i connect from the remote site to a share located on the  
> >>>>>>> mainserver with " servername\share " the share does open very  
> >>>>>>> quicly .. And that one goes over the vpn link. Dns on both  
> >>>>>>> sites of the link is working properly.  
> >>>>>>>  
> >>>>>>> Anyone has an idea what is going wrong ?  
> >>>>>>>  
> >>>>>>> thx  
> >>>>>>> perry  
> >>>>>>>  
> >>>>>>>  
> >>>>>>> Does name resolution occur the same way at both sites? do both  
> >>>>>>> sites have wins and dns servers with the same info or are you  
> >>>>>>> broadcasting requests across the subnets for name resolution?  
> >>>>>>>  
> >>>>>>> If you are relying on broadcast for 1 site then this could be the  
> >>>>>>> issue.  
> >>>>>>>  
> >>>>>>> or  
> >>>>>>>  
> >>>>>>> Are you using the domain controllers as VPN Servers? How many  
> >>>>>>> network cards do they have installed? What IP addresses for the  
> >>>>>>> Domain Controllers appear in Wins / DNS  
> >>>>>>>  
> >>>>>>>  
> >>>>>>> Ian  
>  
>

>  
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• ***Follow-Ups:***

- ◆ ***Re: 2 site's – vpn link – Slow local browsing***  
◇ *From:* Ian

• ***References:***

- ◆ ***Re: 2 site's – vpn link – Slow local browsing***  
◇ *From:* Perry Perdijk
- ◆ ***Re: 2 site's – vpn link – Slow local browsing***  
◇ *From:* Bill Grant
- ◆ ***Re: 2 site's – vpn link – Slow local browsing***  
◇ *From:* Wendel Hamilton
- ◆ ***Re: 2 site's – vpn link – Slow local browsing***  
◇ *From:* Bill Grant

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