

Re: Specified network name is no longer available

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Perhaps your site C link has developed some packet loss, latency problems or something along those lines. Perhaps a call to the provider and looking at lower level counters for the circuit/link would be in order.

ISP says nothing wrong with the connection..

Also it works just fine if the guys make a dial up VPN connection to either Site A or Site B..wierd.

Mind you I've seen a few posts here regarding putting SBS2003 onto a multiple site setup and it not being the best on things to do, especially with ISA 2004 on the SBS2003 and also multihomed. So I'm kind of off into the realm of the unknown perhaps ?

What we've got are two main sites and two branch sites, well sort of..

The main site, Site A had SBS 2003 Premium before all the other sites came into existence, ie the company grew rapidly.

On it's own the SBS2003 server worked well, SBS is great isn't it. We've had SBS from the outset starting with SBS 4.0 then SBS 4.5 followed by SBS2000 and then the current SBS2003.

Anyway there was a need to move all the sales guys to another site. So Site B was setup.

As we could only afford a 2Mbps datastream ( and that was expensive enough )we decided that we really needed a server at site B to cope with the users data etc et.

So Site B had a Windows Server 2003 setup as an additional DC on the same domain with DNS/DHCP/GC (no WINS, might have been a mistake ?) Site B also has it's own internet connection seperate to the intersite datastream link.

This internet connection is multihomed on the Windows Server 2003.

So both sites have in effect multihomed connections to the internet

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seperate to the intersite hardware routed VPN between them.

Only one Exchange 2003 Server at Site A.  
All users at Site B access Exchange across the intersite link.  
Though they logon and access their data locally at Site B.

The sites/subnets are setup in Active Directory Sites & Services and are also setup in ISA 2004 as Internal and also setup in Connection Limits as well.

Both sites replicate across the intersite link OK and thus far it was working very well.

It was then decided to have two more remote sites, one in the UK and another in the US.  
These sites were not going to have servers.

So we setup Site C in the UK used the same hardware VPN router and connected Site C to both Sites A and Site B so that users at Site C could access data from servers at Site A and Site B and get their mail from Exchange at Site A.  
Sites C only has single broadband connection for internet which it shares with it's VPN tunnels to Sites A and B.  
Site C has a small number of laptop users, max of five when they are all in the office.

Then we did exactly the same for Site D in the US.  
Site D has a couple of static PC's

We also added these sites in ISA 2004 etc and I think that I was advised at some point to assign Site C and Site D subnets onto Site A in Active Directory Sites & Services.  
I'm not sure that this was the right thing to do ?

Anyway all was working well still..probably for about a year.

We had the odd funny with the guys from Site C as they often up sticks and visit the LAN at Site A and/or Site B.  
As you can imagine this caused a bit of a flurry with DNS.

Anyway, as of a couple of weeks ago things have gotten weird at Site C.

The guys there to start off with were having Exchange conenctivity problems and could not access shares at Site A.  
The appeared to only be able to access things at Site B.  
They then discovered that if they made a dial up VPN to Site A then everything worked OK.

This went on for a short while, and then following some server restarts for Windows Updates we found that the problem swapped

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around..they could now only access things at Site A and no longer at Site B.

If they attempted to open a share at Site B after a long pause they would get 'Specified Network name is no longer available' etc as per original post.

Same thing again, if they make a dial up VPN to Site B then everything works OK.

Like I said earlier I can open up some folders, ie ones with nothing in them, but any folder with lots of data just refuses to open.

I've not travelled there yet as they are some distance away, so I've been looking at this from afar just now.

I'm probably going to go there either with a new VPN router or factory reset theirs.

I've already rebuilt all the tunnels yesterday, didn't make a jot of difference.

Needless to say Site D doesn't have any of these problems and has virtually the same setup, other than Sites A, B and C are all with the same UK ISP, the US site is with a stateside ISP.

Currently I've shipped a test laptop to Site C and am trying this out, with the same results as the guys laptops.

I'm just trying to disjoin from the domain and re-join..that's proving to be fun.

As I've mentioned before everything pings and resolves OK and everthing seems to appear in DNS OK at Site A and Site B it being AD intergrated DNS.

I've a feeling this is down to something to do with the guys at Site C moving around LAN's, but am puzzled as to why it worked for so long in the first place.

But I'm also getting Browser issues/events in the events logs.

I don't appear to have any server set to IsDomainMaster anywhere.

Could this be an issue ?

Anyway, thanks for your time/help thus far.

Jim.

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