

## Re: Authentication Issues with Vista Clients

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- *From:* Eddie <Eddie@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Sat, 14 Jul 2007 03:30:01 -0700
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After a lot of troubleshooting, I've finally gotten it straightened out! On Sunday afternoon, I decided to go down there and try placing the network on a different subnet. Well, I changed everything over from the 192.168.2.0/24 subnet to the 192.168.3.0/27 subnet. After doing that, I re-ran the CEICW wizard. I cleaned out all the old DNS and WINS references to all the computers. I had to manually create a new DHCP scope (thought CEICW would have done it for me, guess not). Whatever the problem was, that seemed to have fixed it. However, that wasn't all.

On early Tuesday morning, for some reason, ISA just decided it wanted to stop working all together. The Firewall Service and the MSFW database wouldn't start at all. Windows would come back and say something about how the service started, but stopped...and how some services do that if they have no work to do. The funny thing was that there were absolutely no errors at all in the Event Viewer. I tried re-running the CEICW wizard and repairing the install of ISA, but I ended up having to completely reinstall ISA. So, I spent my Tuesday morning doing that. Since then, everything has been great.

Regarding the Windows Search in Vista...for some reason, whenever I first upgraded them to Vista, they had real performance issues. I narrowed it down to Windows Defender and the Windows Search. Windows Defender was interfering with NOD32 and causing the disk to thrash constantly. Disabling Defender isn't that big of a deal because NOD32 scans for spyware.

The drive was still doing a bit of trashing, although, it wasn't so bad. I was still receiving complaints about performance. The next step was to disable Windows Search, and that seemed to do it. I'm not sure why it was causing the drive to thrash, but this was even a couple weeks after Vista was installed. There aren't too many files that are stored on individual PCs, as pretty much everything is kept on Sharepoint. So, I don't think it will be too much of an issue.

I've done memory upgrades on two of the three PCs that run Vista...upgraded them from 512MB to 2GB. The third one already had 1GB...these are Dell machines that were purchased back in 2002-2003, so they've been around for quite awhile. I think the next step would be to upgrade the hard drives, but they're running pretty good with the extra memory.

Re: Authentication Issues with Vista Clients

Thanks for your help, Kerry.

"Kerry Brown" wrote:

"Eddie" <Eddie@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
news:7AE59EE3-4872-412A-A4A1-7929F0880067@xxxxxxxxxxxxxxxxxxxx

As far as I know, everything is configured correctly on the Vista clients.  
I  
have left everything configured as it was out of the box, except I have  
disabled IPv6 and a few un-needed services, such Security Center, Tablet  
PC  
Input Service, UPnP Device Host, and Windows Search.

In the connection details of the clients, it has the correct WINS server  
listed. I've had a look at the WINS console on the server, and it seems as  
if  
everything is up to date and listed properly. None of the computers have  
any  
issue accessing file or printer shares. However, I have noticed that the  
Vista clients aren't registering themselves in the reverse DNS zone. The  
XP  
client, the SBS box, and another server are registering themselves just  
fine.  
I've noticed that exact same thing happening on my home network, in which  
I  
also use SBS. The Vista clients never seem to register in the reverse DNS,  
so  
I don't know if that would be an issue or not.

Actually, from what I'm seeing now, ALL the users are experiencing the  
password prompts on \\companyweb. I thought about trying to access  
\\companyweb from both the SBS box and the secondary server that we have.  
Trying to access it from the SBS box also yields the password prompt.  
Trying  
to access it from the secondary server brings up yet another message, but  
not  
a password prompt. It says: "You were not connected because a duplicate  
name  
exists on the network. Go to the System in Control Panel to change the  
computer name and try again."

So, currently, there is only one computer on the network, the XP box, that  
doesn't have this issue. I'd say just give it some time, and it'll start  
doing it like the other ones. At least that narrows it down to not being a  
Vista or user specific issue. The message that the secondary server showed  
me  
definitely points me down the road of DNS issues, but what could it be? I  
don't see any duplicate entries listed, and I don't have a computer on the  
network named "companyweb."

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Check the DNS settings on the server TCP/IP properties. Check both NICs if you use two. On a SBS server both NICs should be using only the SBS server itself for DNS. Check the second server as well. With AD and particularly with SBS it is very important that everything on the network use only the SBS server for DNS. I don't know if this is the issue though. Re-reading your posts it sounds like it could be a permissions issue or firewall issue somewhere.

You're not doing yourself a favour by disabling services in Vista. At least during troubleshooting you want Vista running in it's default state. In my exhaustive testing of Vista I haven't found any real performance gains in disabling any of the default services. Disabling Windows Search disables the best feature in Vista. If you have users that use Vista at home and get used to using the Start Search box you will get a lot of complaints if it's not working. It does impact performance on a new installation while the index is being built. I usually leave a new system on overnight with all the sleep functions turned off. This gives it time to build the index and the performance hit is not noticeable after that. If you notice a performance hit from the default services in Vista the pc is not really up to running Vista and nothing you can do other than a hardware upgrade will make it run Vista well.

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