

Re: network slows down after SP2 install

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-06/msg00112.html>

- *From:* "jim smith" <james.smith32@xxxxxxxxxxx>
 - *Date:* Fri, 1 Jun 2007 08:27:02 -0500
-

Susan:

The reinstall was done for reasons related to the Logitech desktop manager software that came installed to support the Logitech wireless keyboard & mouse. Using the bluetooth wireless stuff is OK, but if you get the desktop manager, it does a little too much and the guys accepted the update from Logitech. It killed 3 machines. I could not even use the system restore feature to recover. Logitech support could not correct it and suggested that we remove the desktop manager on all the other systems.

Jim

"Susan Bradley, CPA aka Ebitz - SBS Rocks [MVP]" <sbradcpa@xxxxxxxxxxx>
wrote in message [news:%230Byjo\\$HHA.2596@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:%230Byjo$HHA.2596@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Also did the tech really tell you to reinstall the workstations?

jim smith wrote:

Robert:

The only item on your list I cannot address as already being done is item 3. I will check that later this morning.

It still bugs me that SP2 would be this harmful.

My users still use ACT! 6.0 and before SP2, they could open the database and run just fine. Now, the program will open the database and then fail, giving a hard error. That's the XP Pro, original installs. These machines cannot even run the program locally being disconnected from the server with a local copy of the database. Some policy or something has been really hosed. However, the machines updated from W2K still open and read the database just fine! Go figure.

Jim

Re: network slows down after SP2 install

"Robert Li [MSFT]" <v-robeli@xxxxxxxxxxxxxxxxxxxxxx> wrote in message news:rlLjkv2oHHA.1144@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Paul,

Thanks for posting in our newsgroup and also for Susan's input.

First you have called the MS phone support, but it's not resolved. The problem is really complex. Thanks for your time and patience.

Please take the following steps:

Step 1: Disable SMB signing.

SMB signing is designed to prevent against Man-in-the-middle attacks but will reduce network performance because every packet has to be signed, and every packet has to be decrypted.

To disable SMB signing in Windows 2003, perform the following steps.

1. Open GPEDIT.MSC
2. Open the "Computer Configuration\Windows Settings\Security Settings\Local Policies\Security Options" folder.
3. Locate the "Microsoft network server: Digitally sign communications (always)" policy setting, and then click "Disabled" or "Do Not Configure".

You can also modify the following key to disable SMB signing.

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\lanmanserver\parameters]
"enablesecuritysignature"=dword:00000000
"requiresecuritysignature"=dword:00000000
```

Step 2: Look at the following KBs:

927695 You cannot host TCP connections when Receive

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Side Scaling is
enabled
in Windows Server 2003 with Service Pack 2

<http://support.microsoft.com/default.aspx?scid=kb;EN-US;927695>

Windows 2003 service pack 2 known issues on Small
Business Server 2003
<http://support.microsoft.com/?id=555912>

Step 3: Take the steps in KB 321098
Slow network performance occurs if you copy files to a
domain controller
that is running Windows 2000 or Windows Server 2003
<http://support.microsoft.com/kb/321098/>

Step 4: On the server, change the NIC properties.

Go to Internal NIC properties, On general tab clicked
configure button,
click advanced tab,

Turn off following properties
Offload Receive IP checksum,
Offload Receive TCP checksum,
Offload TCP segmentation,
Offload transmit IP checksum
Offload transmit TCP checksum

Step 4: Install SP2 for WIN XP and latest service pack for
Office 2003
on
client computer.

I am looking forward to hear from you.

If you need further assistance, please don't hesitate to let me
know.

Best regards,

Robert Li(MSFT)

Microsoft CSS Online Newsgroup Support

Get Secure! – www.microsoft.com/security

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This newsgroup only focuses on SBS technical issues. If you

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have issues regarding other Microsoft products, you'd better post in the corresponding newsgroups so that they can be resolved in an efficient and timely manner.

You can locate the newsgroup here:

<http://www.microsoft.com/communities/newsgroups/en-us/default.aspx>

When opening a new thread via the web interface, we recommend you check the "Notify me of replies" box to receive e-mail notifications when there are any updates in your thread. When responding to posts via your newsreader, please "Reply to Group" so that others may learn and benefit from your issue.

Microsoft engineers can only focus on one issue per thread. Although we provide other information for your reference, we recommend you post different incidents in different threads to keep the thread clean. In doing so, it will ensure your issues are resolved in a timely manner.

For urgent issues, you may want to contact Microsoft CSS directly.

Please check <http://support.microsoft.com> for regional support phone numbers.

Any input or comments in this thread are highly appreciated.

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<Reply-To: "Paul Fitzgerald [MSFT]"
<paulfi@xxxxxxxxxxxxxxxxxxxxxx>
<From: "Paul Fitzgerald [MSFT]"
<paulfi@xxxxxxxxxxxxxxxxxxxxxx>
<References:

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<A7900F82-BFD9-42CD-90C0-F31782C5C76D@xxxxxxxxxxxxxx>
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<Date: Wed, 30 May 2007 22:33:04 -0700
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<Xref: TK2MSFTNGHUB02.phx.gbl
microsoft.public.windows.server.sbs:40528
<NNTP-Posting-Host: TK2MSFTNGHUB02.phx.gbl
127.0.0.1
<X-Tomcat-NG: microsoft.public.windows.server.sbs
<
<They all had to be flattened and XP Pro re-installed
<
<are you saying that a support engineer from microsoft asked
you to
reinstall
<all of your clients?
<
<
<"jim" <jim@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in
message
<news:A7900F82-BFD9-42CD-90C0-F31782C5C76D@xxxxxxxxxxxxxx
<> The blog notes and instructions from the SBS blog have
all been
heeded.
<> 32
<> hours of talking with tech support on the phone, changing
the nic

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card,

◇ updating all the drivers, and still, the system is dogging to the point of

◇ being painful. Here is the unexplainable issue: I have 5 new machines,

◇ all

◇ came from Dell with XP Pro installed. They all had to be flattened and XP

◇ Pro re-installed. They worked great until SP2 was installed. Now they

◇ take

◇ 5 minutes to open an 8MB spreadsheet they used to open in 20 seconds.

My

◇ 3

◇ old machines were upgraded from W2K to XP Pro and they worked fine before

◇ SP2

◇ was installed. Afterward, they are slower, but work better than the new

◇ machines. The old machines can still run ACT 6.0. The new machines fail

◇ with a program error after opening the database. Explain that!

◇

◇ All file access to the network is so slow now. Don't suggest anything

◇ previously mentioned in the blog. 4 MS engineers can verify that all the

◇ tricks have been done as outlined in this blog.

◇

◇ There must have been some other deep layer of connectivity between the

◇ server and workstations that does some kind of handshaking/security

◇ checking

◇ that is slowing things down. Excel seems to have been hit the hardest.

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<> It
<> is a terrible thing to see a 2GB 4Ghz Dual Core processor
take 60
seconds
<> to
<> copy 10 files of 80K each from the network to the local
drive.
<>
<> I have 5 SBS 2003 servers and 3 of them are just fine.
This one is
dying
<> and SP2 failed to install on the other one. I am afraid to
work the
issue
<> as
<> it might turn out like this one.
<>
<> I really do need ideas and help short of flattening the
server, as
that
<> may
<> not help anyway. Ideas, anyone?
<
<