

Re: Slow internet connection with SBS 2003

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-10/msg00934.html>

- *From:* v-yanniw@xxxxxxxxxxxxxxxxxxxxxxxx ("Jenny wu [MSFT]")
 - *Date:* Tue, 11 Oct 2005 10:41:37 GMT
-

Hi Mike,

Thanks for your update! I appreciate your time and efforts to the issue.

According the current information, it is hard to say what the root cause is. Please let us perform the following tests to isolate the issue:

1. Open an IE instance. Try to access a web site. And then input another URL in the address bar. Will the issue be reproduced?
 2. Open an IE instance. Try to access a web site. Then, open another IE instance. Will the issue be reproduced?
 3. Does the issue happen when you access internet website using public IP address?
- I. The issue may occur if the external DNS server does not support Extension Mechanisms for DNS (EDNS0).

To work around this problem, turn off EDNS0 support in Windows Server 2003. To do this, follow these steps:

1. Start a command prompt.
2. Type "dnscmd /Config /EnableEDnsProbes 0" (without the quotation marks), and then press ENTER.

Then check again to see if the issue is resolved.

II. If the issue still exists after you turned off the EDNS0 support, please perform an nslookup from the client computer and also do a nslookup test from the server.

You can use Nslookup.exe tool to check if the DNS server work properly and please give the output to me. I suggest you refer to the following KB article to use Nslookup.exe tool to test and troubleshoot DNS server.

Using NSlookup.exe

<http://support.microsoft.com/?id=200525>

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III. Try to use other external DNS server as DNS forwarder to test, how about the result?

I am currently waiting for your test result. I am always happy to be assistance of you!

Have a nice day!

Best Regards,

Jenny Wu
Microsoft CSS Online Newsgroup Support
Get Secure! – www.microsoft.com/security

This newsgroup only focuses on SBS technical issues. If you 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.

This posting is provided "AS IS" with no warranties, and confers no rights.

>From: "Jesper Nørgaard Pagh" <jesper@xxxxxxxxxxxxxxxxxxxxxx>
>References: <uytZqW3yFHA.1040@xxxxxxxxxxxxxxxxxxxxxx>
<b\$WSKtUzFHA.3928@xxxxxxxxxxxxxxxxxxxxxx>
<uJGMk0WzFHA.3124@xxxxxxxxxxxxxxxxxxxxxx>
<UCrTQGZzFHA.3712@xxxxxxxxxxxxxxxxxxxxxx>
<F9R2pKZzFHA.1380@xxxxxxxxxxxxxxxxxxxxxx>
>Subject: Re: Slow internet connection with SBS 2003
>Date: Mon, 10 Oct 2005 20:52:24 +0200
>Lines: 680
>X-Priority: 3

Re: Slow internet connection with SBS 2003

>X-MSMail-Priority: Normal
>X-Newsreader: Microsoft Outlook Express 6.00.2900.2670
>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2670
>X-RFC2646: Format=Flowed; Original
>X-Antivirus: avast! (VPS 0541-0, 10-10-2005), Outbound message
>X-Antivirus-Status: Clean
>Message-ID: <#N1tJvczFHA.2540@xxxxxxxxxxxxxxxxxxxxxx>
>Newsgroups: microsoft.public.windows.server.sbs
>NNTP-Posting-Host: 0x5551548f.adsl.cybercity.dk 85.81.84.143
>Path:
TK2MSFTNGXA02.phx.gbl!TK2MSFTNGXA03.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP0
9.phx.gbl
>Xref: TK2MSFTNGXA02.phx.gbl microsoft.public.windows.server.sbs:211737
>X-Tomcat-NG: microsoft.public.windows.server.sbs
>
>Hi Jenny
>
>Thanks for your answer.
>I have performed the suggestions in your previous post (ensuring proper
>binding + rerunning CEICW) with no result.
>As to your recent proposals:
>1. ISA is not installed, nor is any other hardware firewall or router
>outside the box
>2. Yes. If I have accessed a web site, closed the browser and try to access
>the same web site once again, the issue persists.
>3. Yes, the issue happens on the SBS box too.
>4. I am not
>Thanks for your patience
>/Jesper.
>
>""Jenny wu [MSFT]"" <v-yanniw@xxxxxxxxxxxxxxxxxxxxxx> skrev i en meddelelse
>news:F9R2pKZzFHA.1380@xxxxxxxxxxxxxxxxxxxxxx
>>I am sorry for wrong post content.
>>
>> Hi Mike,
>>
>> Thanks for your update!
>>
>> For your IP report information, you have configured correct network
>> connection settings. And please perform my suggestions in my previous
post
>> to try to resolve the issue.
>>
>> And also please help me collect more information to isolate the issue:
>>
>> 1. Have you installed ISA on the server box? Have you installed any
>> hardware firewall or router outside the server box?
>>
>> 2. Can i confirm with you that the issue even happened if you load some
>> web
>> site page first time nevertheless you have accessed it before? or it

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>> happened only when you access some specific web site you never access
>> before?
>>
>> 3. Does the issue happen on the SBS server box?
>>
>> 4. Please give me the DNS server's Forward Lookup Zones screen shot to
>> check your DNS forwarder records:
>>
>> a. Start DNS Manager by clicking Start, pointing to Programs, pointing to
>> Administrative Tools, and then clicking DNS.
>> b. Expand your server branch, and then expand the Forward Lookup Zones
>> branch.
>> c. Click the node of jk-medico.local and then take a screen shot of the
>> DNS
>> management console.
>>
>> I am happy to be further assistance and look forward to your reply!
>>
>> Have a nice day!
>>
>> Best Regards,
>>
>> Jenny Wu
>> Microsoft CSS Online Newsgroup Support
>> Get Secure! – www.microsoft.com/security
>> =====
>> This newsgroup only focuses on SBS technical issues. If you 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
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>>
>> Any input or comments in this thread are highly appreciated.

Re: Slow internet connection with SBS 2003

>> =====
>> This posting is provided "AS IS" with no warranties, and confers no
>> rights.
>>
>> -----
>> | Newsgroups: microsoft.public.windows.server.sbs
>> | From: v-yanniw@xxxxxxxxxxxxxxxxxxxxxx ("Jenny wu [MSFT]")
>> | Organization: Microsoft
>> | Date: Mon, 10 Oct 2005 11:55:46 GMT
>> | Subject: Re: Slow internet connection with SBS 2003
>> | X-Tomcat-NG: microsoft.public.windows.server.sbs
>> | MIME-Version: 1.0
>> | Content-Type: text/plain
>> | Content-Transfer-Encoding: 7bit
>> |
>> | Have a nice day!
>> |
>> | Best Regards,
>> |
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```
>> |=====
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>> |-----
>> | From: "Jesper Nørgaard Pagh" <jesper@xxxxxxxxxxxxxxxxxxxx>
>> | References: <uytZqW3yFHA.1040@xxxxxxxxxxxxxxxxxxxx>
>> | <b$WSKtUzFHA.3928@xxxxxxxxxxxxxxxxxxxx>
>> | Subject: Re: Slow internet connection with SBS 2003
>> | Date: Mon, 10 Oct 2005 09:34:55 +0200
>> | Lines: 217
>> | X-Priority: 3
>> | X-MSMail-Priority: Normal
>> | X-Newsreader: Microsoft Outlook Express 6.00.2900.2670
>> | X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2670
>> | X-RFC2646: Format=Flowed; Original
>> | X-Antivirus: avast! (VPS 0540-8, 07-10-2005), Outbound message
>> | X-Antivirus-Status: Clean
>> | Message-ID: <uJGMk0WzFHA.3124@xxxxxxxxxxxxxxxxxxxx>
>> | Newsgroups: microsoft.public.windows.server.sbs
>> | NNTP-Posting-Host:
>> | cpe.atm2-0-1031138.0x50a0c166.albnxx11.customer.tele.dk 80.160.193.102
>> | Path:
>> |
>> |
TK2MSFTNGXA02.phx.gbl!TK2MSFTNGXA03.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP1
>> | 2.phx.gbl
>> | Xref: TK2MSFTNGXA02.phx.gbl
microsoft.public.windows.server.sbs:211633
>> | X-Tomcat-NG: microsoft.public.windows.server.sbs
>> |
>> | Thanks for your replys.
>> | The IP-reports from the server goes like this:
>> |
>> | Windows IP Configuration
>> | Host Name . . . . . : SERVER
>> | Primary Dns Suffix . . . . . : jk-medico.local
>> | Node Type . . . . . : Unknown
>> | IP Routing Enabled. . . . . : Yes
>> | WINS Proxy Enabled. . . . . : Yes
>> | DNS Suffix Search List. . . . . : jk-medico.local
>> |
>> | PPP adapter RAS Server (Dial In) Interface:
>> | Connection-specific DNS Suffix . :
>> | Description . . . . . : WAN (PPP/SLIP) Interface
>> | Physical Address. . . . . : 00-53-45-00-00-00
>> | DHCP Enabled. . . . . : No
>> | IP Address. . . . . : 0.0.0.0
>> | Subnet Mask . . . . . : 0.0.0.0
>> | Default Gateway . . . . . :
>> | NetBIOS over Tcpi. . . . . : Disabled
>> |
```

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```
>> | Ethernet adapter Network Connection:
>> | Connection-specific DNS Suffix . :
>> | Description . . . . . : Broadcom NetXtreme Gigabit
>> | Ethernet
>> | #2
>> | Physical Address. . . . . : 00-12-3F-72-3B-B8
>> | DHCP Enabled. . . . . : No
>> | IP Address. . . . . : 80.160.193.102
>> | Subnet Mask . . . . . : 255.255.255.252
>> | Default Gateway . . . . . : 80.160.193.101
>> | DNS Servers . . . . . : 192.168.16.2
>> | NetBIOS over Tcpi. . . . . : Disabled
>> |
>> | Ethernet adapter Server Local Area Connection:
>> | Connection-specific DNS Suffix . :
>> | Description . . . . . : Broadcom NetXtreme Gigabit
>> | Ethernet
>> | Physical Address. . . . . : 00-10-18-14-36-31
>> | DHCP Enabled. . . . . : No
>> | IP Address. . . . . : 192.168.16.2
>> | Subnet Mask . . . . . : 255.255.255.0
>> | Default Gateway . . . . . :
>> | DNS Servers . . . . . : 192.168.16.2
>> | Primary WINS Server . . . . . : 192.168.16.2
>> |
>> |
>> |
>> | And one of the workstations:
>> |
>> | Windows IP-konfiguration
>> | Værtsnavn. . . . . : JETTE
>> | Primært DNS-suffiks. . . . . : jk-medico.local
>> | Nodetype . . . . . : Ukendt
>> | IP-routing aktiveret . . . . . : Ja
>> | WINS-proxy aktiveret . . . . . : Ja
>> | Søgelse for DNS-suffiks. . . . . : jk-medico.local
>> | jk-medico.local
>> |
>> | Ethernet-netværkskort LAN-forbindelse:
>> | Forbindelsesspecifikt DNS-suffiks. . . . . : jk-medico.local
>> | Beskrivelse. . . . . : Broadcom 440x
>> | 10/100
>> | Integrated Controller
>> | Fysisk adresse . . . . . :
00-0B-DB-C3-9B-37
>> | Dhcp aktiveret . . . . . : Ja
>> | Automatisk konfiguration aktiveret . . . . . : Ja
>> | IP-adresse . . . . . : 192.168.16.10
>> | Undernetmaske. . . . . : 255.255.255.0
>> | Standardgateway. . . . . : 192.168.16.2
>> | DHCP-server. . . . . : 192.168.16.2
```

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>> || DNS-servere. : 192.168.16.2
>> || Primær WINS-server : 192.168.16.2
>> || Rettigheden opnået : 10. oktober 2005
>> || 09:15:05
>> || Rettigheden udløber. : 18. oktober 2005
>> || 09:15:05
>> ||
>> ||
>> ||
>> || ""Jenny wu [MSFT]"" <v-yanniw@xxxxxxxxxxxxxxxxxxxxxx> skrev i en
>> meddelelse
>> || news:b\$WSKtUzFHA.3928@xxxxxxxxxxxxxxxxxxxxxx
>> || > Hi Jesper,
>> || >
>> || > Thank you for posting here! Also thanks for SuperGumby's input.
>> || >
>> || > I am sorry for the delayed response due to weekend. Please
>> understand
>> | that
>> || > the newsgroups are staffed weekdays by Microsoft Support
>> professionals
>> | to
>> || > answer your systems and applications questions. Your understanding
>> is
>> || > greatly appreciated!
>> || >
>> || > Regarding to your post, I understand that your workstations load
web
>> | pages
>> || > slow at remote hosts. If I am off base, please don't hesitate to
let
>> me
>> || > know.
>> || >
>> || > I. To resolve the issue, let us check all workstations' DNS and
>> Gateway
>> || > settings. Please ensure workstations' DNS point to the SBS server
>> | internal
>> || > NIC IP. And the external and internal NICs' DNS of SBS server will
>> be
>> || > both
>> || > pointed to internal NIC IP. This is the recommended and normal
>> || > configuration.
>> || >
>> || > II. Please ensure proper binding order of the network adapter
cards.
>> The
>> || > internal network card should be at the top. The detail steps:
>> || >
>> || > a. Right-click the My Network Place and click Properties to open
>> Network

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>> ||> Connections page.
>> ||> b. Click Advanced in the menu and click Advanced Settings in
>> dropdown
>> ||> list.
>> ||> c. Under the Adapters and Bindings tab page put the internal Nic at
>> the
>> ||> top
>> ||> in Advanced Settings page.
>> ||>
>> ||> III. Rerun CEICW (Server Management console -> Internet and Email
>> ->
>> ||> Connect to the Internet) to ensure the proper network connection be
>> ||> configured. I suggest you follow the KB article to configure
network
>> ||> configuration to smooth the process.
>> ||>
>> ||> 825763 How to configure Internet access in Windows Small Business
>> Server
>> ||> 2003
>> ||> <http://support.microsoft.com/?id=825763>
>> ||>
>> ||> Try to test, does the issue be fixed?
>> ||> =====
>> ||>
>> ||> If it does not work, please kindly help me collect some information
>> to
>> ||> isolate the issue:
>> ||>
>> ||> 1. Please run command "IPconfig /all" (no quotations marks)
>> | respectively
>> ||> in
>> ||> server side and any client workstation to get IP report to me. You
>> can
>> ||> mail
>> ||> me the information offline: v-yanniw@xxxxxxxxxxxxxx
>> ||>
>> ||> 2. Have you installed ISA in the server box?
>> ||>
>> ||> I appreciate your time and efforts to perform test. I am looking
>> | forward
>> ||> to
>> ||> your reply!
>> ||>
>> ||> Have a nice day!
>> ||>
>> ||> Best Regards,
>> ||>
>> ||> Jenny Wu
>> ||> Microsoft CSS Online Newsgroup Support
>> ||> Get Secure! - www.microsoft.com/security
>> ||> =====

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>> ||> -----
>> ||>>From: "Jesper Nørgaard Pagh" <jesper@xxxxxxxxxxxxxxxxxxxx>
>> ||>>Subject: Slow internet connection with SBS 2003
>> ||>>Date: Fri, 7 Oct 2005 21:30:55 +0200
>> ||>>Lines: 20
>> ||>>X-Priority: 3
>> ||>>X-MSMail-Priority: Normal
>> ||>>X-Newsreader: Microsoft Outlook Express 6.00.2900.2670
>> ||>>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2670
>> ||>>X-RFC2646: Format=Flowed; Original
>> ||>>X-Antivirus: avast! (VPS 0540-7, 07-10-2005), Outbound message

Re: Slow internet connection with SBS 2003

>> ||>>X-Antivirus-Status: Clean
>> ||>>Message-ID: <uytZqW3yFHA.1040@xxxxxxxxxxxxxxxxxxxxxxxx>
>> ||>>Newsgroups: microsoft.public.windows.server.sbs
>> ||>>NNTP-Posting-Host: 0x5551548f.adsl.cybercity.dk 85.81.84.143
>> ||>>Path:
>> TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP14.phx.gbl
>> ||>>Xref: TK2MSFTNGXA01.phx.gbl
>> microsoft.public.windows.server.sbs:159699
>> ||>>X-Tomcat-NG: microsoft.public.windows.server.sbs
>> ||>>
>> ||>>Hi.
>> ||>>We have just made a new network setup with a SBS 2003 box with 2
>> NICs
>> -
>> | 5
>> ||>>workstations connected.
>> ||>>The server is connected directly to our ISP with one NIC and to a
>> ||> GB-switch
>> ||>>with the other NIC. The problem is, that the internet connection on
>> the
>> ||>>workstations has become significantly slow after the new setup.
>> Loading
>> | a
>> ||>>new page into Internet Explorer can take up to 30 sec. When
>> connected
>> to
>> ||> the
>> ||>>remote server (ie Google.com) things are going much better, but
>> every
>> | time
>> ||>>we connect to a new domain (ie. linking from a Google search),
>> things
>> | are
>> ||>>slow as on a dial-up connection.
>> ||>>
>> ||>>The connection from the server to the ISP is configured manually,
>> and
>> we
>> ||>>have verified the DSL-connection by connecting a laptop directly to
>> the
>> ||>>DSL-modem, through the modem and switch and so on, and have
isolated
>> the
>> ||>>problem to be between the two NICs in the server... anyone have
>> | experience
>> ||>>with something like this?
>> ||>>
>> ||>>/Jesper
>> ||>>
>> ||>>
>> ||>>

>> ||>
>> ||
>> ||
>> ||
>> |
>>
>
>
>
>
>
>

.

• **References:**

- ◆ **[Slow internet connection with SBS 2003](#)**
 ◇ From: Jesper Nørgaard Pagh
- ◆ **[Re: Slow internet connection with SBS 2003](#)**
 ◇ From: Jesper Nørgaard Pagh

- Prev by Date: **[Re: sbs backup problem](#)**
- Next by Date: **[RE: Service Pack 1 on SBS 2003 Premium](#)**
- Previous by thread: **[Re: Slow internet connection with SBS 2003](#)**
- Next by thread: **[Move mails according to email alias](#)**
- Index(es):
 - ◆ **[Date](#)**
 - ◆ **[Thread](#)**