

# RE: Connect Computer and VPN

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-01/msg02458.html>

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- *From:* [v-terliu@xxxxxxxxxxxxxxxxxxxxxx](mailto:v-terliu@xxxxxxxxxxxxxxxxxxxxxx) (Terence Liu [MSFT])
  - *Date:* Wed, 17 Jan 2007 08:44:14 GMT
- 

Hello Robin,

I'm glad to hear that things are working correctly for you now.

Thank you very much for sharing your resolution. I believe other customers will get help from this post.

As you said, the settings by default are enabled. Tick the Bypass proxy for web servers in this network in ISA server side, we will do not need to configure client machine one by one.

Thanks again for you sharing.

Please do not hesitate to post in this great newsgroup if you need any assistance in the future. I look forward to working with you again.

Thank you and have a nice day,

Best regards,

Terence Liu(MSFT)

Microsoft CSS Online Newsgroup Support

Get Secure! – [www.microsoft.com/security](http://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>

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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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| Thread-Topic: Connect Computer and VPN  
| thread-index: Acc5m6LWZ8u8viPiTLe/etzH185SKQ==  
| X-WBNR-Posting-Host: 217.39.24.232  
| From: =?Utf-8?B?TmV0d29ya0Z1c2l2vbg==?=  
<NetworkFusion@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
| References: <9174356D-0AA5-4225-9FE4-3CD9BF32C58A@xxxxxxxxxxxx>  
<wFeu\$ywLHHA.2488@xxxxxxxxxxxxxxxxxxxxxxxx>  
<2B9CFE4C-64ED-4ED5-953C-AE66B6D68984@xxxxxxxxxxxx>  
<ohdbUUMMHHA.4020@xxxxxxxxxxxxxxxxxxxxxxxx>  
<4FF4AFA3-34FA-47E5-AAD8-D098EA9F0670@xxxxxxxxxxxx>  
<B06E5113-83E1-480F-8D49-AED9FCD498BE@xxxxxxxxxxxx>  
<dRYGWfwMHHA.2488@xxxxxxxxxxxxxxxxxxxxxxxx>  
| Subject: RE: Connect Computer and VPN  
| Date: Tue, 16 Jan 2007 10:25:01 -0800  
| Lines: 334  
| Message-ID: <E84175AD-6CA3-441E-A5ED-655AA27CEF25@xxxxxxxxxxxx>  
| MIME-Version: 1.0  
| Content-Type: text/plain;  
| charset="Utf-8"  
| Content-Transfer-Encoding: 8bit  
| X-Newsreader: Microsoft CDO for Windows 2000  
| Content-Class: urn:content-classes:message  
| Importance: normal  
| Priority: normal  
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.2757  
| Newsgroups: microsoft.public.windows.server.sbs  
| Path: TK2MSFTNGHUB02.phx.gbl  
| Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:10668  
| NNTP-Posting-Host: tk2msftsbm01.phx.gbl 10.40.244.148  
| X-Tomcat-NG: microsoft.public.windows.server.sbs

| Hi Terence,  
|  
| Sorry for the delayed reply,  
|  
|

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| I had already found and checked the solution you posted, after a lot of  
| research I discovered a solution

| The problem was to do with the default ISA 2004 configuration,

| I had to change the following settings in the internal network properties:

| [Web Browser Tab]

| Bypass proxy for web servers in this network (untick)

| Directly access domain computers specified in the domain tab (untick)

| And this setting:

| Configuration > General > Define IP Preferences

| [IP Routing Tab]

| Enable IP Routing (untick)

| I have never had this problem pre R2 and wondered if these settings have  
| been missed when R2 was compiled for release?

| Thanks for your help

| Robin.

| --

| Delivered By Messenger Pigeon

| "Terence Liu [MSFT]" wrote:

| > Hello Robin,

| >

| > Thank you for kind update.

| >

| > Based on research, we found that if the "Require all users to  
| authenticate"

| > option is enabled on the ISA's Internal network and all the LAN clients  
| are

| > configured as Web Proxy client and the "Bypass proxy server for local  
| > addresses" option is ticked, the LAN clients receive 403 access denied  
| when

| > accessing <http://companyweb>.

| >

| > The problem occurred because ISA requires authentication for all HTTP  
| > traffic from the internal network. When the "Bypass proxy server for  
| local

| > addresses" option is selected, IE will bypass the proxy when accessing  
| > resources considered locally (whose URL doesn't contain a period) and  
| > leverage either the Firewall client and the SecureNAT client to send  
| the

| > traffic. If Firewall Client is not installed, the SecureNAT will handle  
| the

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|> traffic. As the SecureNAT cannot pass the user credential to the ISA,  
the  
|> access failed.  
|>  
|> We have 3 resolutions to fix this issue:  
|>  
|> 1. Un-tick "Require all users to authenticate" option.  
|>  
|> a. Open ISA 2004 console, extend Configuration->Networks  
|>  
|> b. Click networks tap, double click Internal  
|>  
|> c. Click Web Proxy tab, click Authentication button, un-tick Require  
all  
|> users to authenticate  
|>  
|> d. Click OK several times, and then click Apply button to save  
|> configuration.  
|>  
|> 2. Un-tick the "Bypass proxy server for local addresses" and Use  
|> automatic configuration script option in IE.  
|>  
|> 3. Install the Firewall Client on all the workstations.  
|>  
|> Hope these steps will give you some help.  
|>  
|> Thanks and have a nice day!  
|>  
|> Best regards,  
|>  
|> Terence Liu(MSFT)  
|>  
|> Microsoft CSS Online Newsgroup Support  
|>  
|> Get Secure! – [www.microsoft.com/security](http://www.microsoft.com/security)  
|>  
|> =====  
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> issue.

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> 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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rights.

>

> -----

> | Thread-Topic: Connect Computer and VPN

> | thread-index: Accw+XcXzt04PzgZT16wdB5Y1UptKA==

> | X-WBNR-Posting-Host: 81.137.105.244

> | From: =?Utf-8?B?TmV0d29ya0Z1c2l1vbg==?=

> | <NetworkFusion@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

> | References: <9174356D-0AA5-4225-9FE4-3CD9BF32C58A@xxxxxxxxxxxx>

> | <wFeu\$ywLHHA.2488@xxxxxxxxxxxxxxxxxxxxxxxx>

> | <2B9CFE4C-64ED-4ED5-953C-AE66B6D68984@xxxxxxxxxxxx>

> | <ohdbUUMMHHA.4020@xxxxxxxxxxxxxxxxxxxxxxxx>

> | <4FF4AFA3-34FA-47E5-AAD8-D098EA9F0670@xxxxxxxxxxxx>

> | Subject: RE: Connect Computer and VPN

> | Date: Fri, 5 Jan 2007 10:44:00 -0800

> | Lines: 316

> | Message-ID: <B06E5113-83E1-480F-8D49-AED9FCD498BE@xxxxxxxxxxxx>

> | MIME-Version: 1.0

> | Content-Type: text/plain;

> | charset="Utf-8"

> | Content-Transfer-Encoding: 7bit

> | X-Newsreader: Microsoft CDO for Windows 2000

> | Content-Class: urn:content-classes:message

> | Importance: normal

> | Priority: normal

> | X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.2757

> | Newsgroups: microsoft.public.windows.server.sbs

> | Path: TK2MSFTNGHUB02.phx.gbl

> | Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:8425

> | NNTP-Posting-Host: tk2msftbfm01.phx.gbl 10.40.244.148

> | X-Tomcat-NG: microsoft.public.windows.server.sbs

>

> | After some further investigation, it is the ISA firewall Client or  
ISA

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|> Server  
|> | 2004 which is causing the problem. if you have either "Bypass Proxy  
for  
|> Local  
|> | network" or "use automatic configuration script" enabled, you cant  
access  
|> the  
|> | sbs websites.  
|> |  
|> | any ideas on how to correct this?  
|> |  
|> | Thanks,  
|> |  
|> | Robin.  
|> | --  
|> | Delivered By Messenger Pigeon  
|> |  
|> |  
|> | "NetworkFusion" wrote:  
|> |  
|> |> Hi Terence,  
|> |>  
|> |> I have checked IIS and the settings were correct, Also I was able  
to  
|> telnet  
|> |> to port 80 on sbs with no errors, although it was only a blank  
screen.  
|> |>  
|> |> I beleive the problem to be related to SBS not routing correctly as  
|> from the  
|> |> server (local host) http connections work fine.  
|> |>  
|> |> If you would still like me to send you an email of the IIS  
metadata,  
|> please  
|> |> let me know  
|> |>  
|> |> Thankyou for your help, it is much appericiated.  
|> |>  
|> |> --  
|> |> Delivered By Messenger Pigeon  
|> |>  
|> |>  
|> |> "Terence Liu [MSFT]" wrote:  
|> |>  
|> |> > Hello Robin,  
|> |> >  
|> |> > Thank you for update.  
|> |> >  
|> |> > The RPC filter that we disabled can be enabled (if required for  
other

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|> |> > configurations) after the clients have joined the domain.  
Whenever we  
|> need  
|> |> > to add another client to the domain, we will have to follow the  
above  
|> steps  
|> |> > again for Disabling RPC compliance on ISA 2004.  
|> |> >  
|> |> > As you said, you can not use http to access web site on SBS, I  
|> suggest we  
|> |> > try the following steps to see if we can resolve this issue:  
|> |> >  
|> |> > 1. Open IIS console,  
|> |> >  
|> |> > 2. Extend Default Web Site, right-click it select Properties  
|> |> >  
|> |> > 3. Select Directory Security tap, click edit button under Secure  
|> |> > communications.  
|> |> >  
|> |> > 4. Ensure not Select Require secure channel (SSL)  
|> |> >  
|> |> > 5. Click OK to return.  
|> |> >  
|> |> > 6. Do the same steps from step 1 to step 5 on Companyweb.  
|> |> >  
|> |> > If the issue persists, please kindly help me collect some  
information  
|> for  
|> |> > further investigation:  
|> |> >  
|> |> > 1. Try to telnet 80 port from client to SBS, is it work? Please  
|> capture a  
|> |> > screenshot on the outcome and send the picture to me at  
|> |> > v-terliu@xxxxxxxxxxxxxx  
|> |> >  
|> |> > 2. Gather IIS Metabase:  
|> |> >  
|> |> > 1) Download the IIS Resource Kit tools from the following page:  
|> |> >  
|>  
[http://www.microsoft.com/downloads/details.aspx?FamilyId=56FC92EE-A71A-4C73-](http://www.microsoft.com/downloads/details.aspx?FamilyId=56FC92EE-A71A-4C73-B628-ADE629C89499&displaylang=en)  
|> |> > B628-ADE629C89499&displaylang=en  
|> |> >  
|> |> > 2) Install it, run MBExplorer (Metabase Explorer)  
|> |> >  
|> |> > 3) Right click the "LM" node and choose "Export to file".  
|> |> >  
|> |> > 4) Specify a file name, specify the password and finish the  
export.  
|> |> >  
|> |> > 5) Send the file and the password to v-terliu@xxxxxxxxxxxxxx

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|> |>>  
|> |>> 3. Collect the IIS log.  
|> |>>  
|> |>> a. Open IIS snap-in.  
|> |>>  
|> |>> b. Right click Default Web Site and click Properties.  
|> |>>  
|> |>> c. Uncheck the "Enable Logging" box and click Apply.  
|> |>>  
|> |>> d. Go to C:\WINDOWS\system32\LogFiles\W3SVC1 folder and move all  
|> files to a  
|> |>> backup location.  
|> |>>  
|> |>> e. Check "Enable Logging" box and click OK.  
|> |>>  
|> |>> f. Run IISReset command.  
|> |>>  
|> |>> g. Reproduce the problem and send the log file in  
|> |>> C:\WINDOWS\system32\LogFiles\W3SVC1 folder to me for research.  
|> |>>  
|> |>> Hope these steps will give you some help.  
|> |>>  
|> |>> Thanks and have a nice day!  
|> |>>  
|> |>> Best regards,  
|> |>>  
|> |>> Terence Liu(MSFT)  
|> |>>  
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|> your  
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|> |>>  
|> |>> -----  
|> |>> | Thread-Topic: Connect Computer and VPN  
|> |>> | thread-index: AccwFi1F+xQ9brEsR2Ku2Scd62YSQA==  
|> |>> | X-WBNR-Posting-Host: 217.39.24.232  
|> |>> | From: =?Utf-8?B?TmV0d29ya0Z1c2lvg===?=  
|> |>> | <NetworkFusion@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
|> |>> | References:  
<9174356D-0AA5-4225-9FE4-3CD9BF32C58A@xxxxxxxxxxxx>  
|> |>> | <wFeu\$ywLHHA.2488@xxxxxxxxxxxxxxxxxxxx>  
|> |>> | Subject: RE: Connect Computer and VPN  
|> |>> | Date: Thu, 4 Jan 2007 07:37:01 -0800  
|> |>> | Lines: 214  
|> |>> | Message-ID: <2B9CFE4C-64ED-4ED5-953C-AE66B6D68984@xxxxxxxxxxxx>  
|> |>> | MIME-Version: 1.0  
|> |>> | Content-Type: text/plain;  
|> |>> | charset="Utf-8"  
|> |>> | Content-Transfer-Encoding: 8bit  
|> |>> | X-Newsreader: Microsoft CDO for Windows 2000  
|> |>> | Content-Class: urn:content-classes:message  
|> |>> | Importance: normal  
|> |>> | Priority: normal  
|> |>> | X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.2757  
|> |>> | Newsgroups: microsoft.public.windows.server.sbs  
|> |>> | Path: TK2MSFTNGHUB02.phx.gbl  
|> |>> | Xref: TK2MSFTNGHUB02.phx.gbl

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|> microsoft.public.windows.server.sbs:8102  
|> |> | NNTP-Posting-Host: tk2msftsbfm01.phx.gbl 10.40.244.148  
|> |> | X-Tomcat-NG: microsoft.public.windows.server.sbs  
|> |> |  
|> |> | Hi Terence,  
|> |> |  
|> |> | Thankyou for the quick responce to my question, I am now able  
to  
|> |> | connectcomputer after disabling the suggested things in ISA.  
Does  
|> |> | disabling  
|