

Re: Remote Connection Issue

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-10/msg02150.html>

- *From:* "Barry McConomy" <smile@xxxxxxxxxx>
 - *Date:* Sat, 22 Oct 2005 08:46:45 -0400
-

Hi Jenny

Changing to registry on the LAN workstation did the trick.

Many thanks for your help.

Also thanks for the information regarding RWW, I intend implementing this in the near future.

Regards
Barry

""Jenny wu [MSFT]"" <v-yanniw@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:cJgo8rk1FHA.748@xxxxxxxxxxxxxxxxxxxxxxxx

> Hi Barry,

>

> Thanks for your update!

>

> If you want to connect to connect to the SBS server box and the LAN client
> computer simultaneously, you can use the RWW (Remote Web Workspace) site
> to

> reach your goal in SBS environment. Besides, you can setup VPN to the SBS
> domain, and then work as domain computer and access any domain computers
> if

> you have permissions.

>

> The SBS RWW is a dynamically created web site that provides a single,
> simple, and consolidated entry point for remote users to access SBS
> features. It empowers external SBS users by providing one place from which
> all relevant features of SBS, such as Outlook Web Access, Windows
> SharePoint Services, and the remote user desktop, can be accessed from
> outside the network firewall. To access RWW, one can access
> http://fully_qualified_domain_name/remote remotely, or
> <http://servername/remote> locally. Connecting through RWW allows users to
> connect to the server resources without additional configuration such as
> VPN or RAS. It also allows VAPs to connect directly to the internal
> workstations for troubleshooting purposes. If SSL is deployed along with

Re: Remote Connection Issue

- > RWW, you ensure the communication is secured, and all data is encrypted
- > and
- > protected over the web.
- >
- > The following sections discuss the components of RWW:
- >
- > RWW Files
- > IIS Virtual Directory
- > Registry Keys
- > Active Directory Configuration
- > Default Web Site
- > ISAPI Filter
- > TS Proxy
- > Remote User E-mail
- >
- > You can run CEICW to publish RWW to internet and the wizard will configure
- > all related settings in ISA, IIS and firewall automatically.
- >
- > I. Please try to run CEICW to make sure enable firewall and publish VPN,
- > Terminal services, RWW to internet. You can refer to the following steps:
- >
- > 1. Expand Standard Management | To Do List.
- > 2. Click Connect to the Internet in the right pane.
- > 3. Navigate the wizard to Firewall and then select Enable firewall. In the
- > next page, make sure the E-mail, VPN, Terminal services item is checked in
- > services configuration page.
- > 4. Click Next and then select Allow access to the following web site
- > services from the internet.
- > 5. Make sure RWW be selected and click Next.
- > 6. Click Create a new Web services certificate (input your FQDN as the web
- > server certificate) and then click Next.
- > 7. Following the wizard to finish it.
- >
- > I suggest you refer to KB 825763 to configure the network connection:
- >
- > 825763 How to configure Internet access in Windows Small Business Server
- > 2003
- > <http://support.microsoft.com/?id=825763>
- >
- > If you have installed router or hardware firewall outside the SBS 2003
- > network, please double check to make sure the TCP port 4125, 1723,
- > 3389,443,444 are opened on your router or hardware firewall.
- >
- > Generally, we open the ports we needed to allow some specific traffic. You
- > can refer to the following list:
- >
- > TCP port Definition
- > 25 Email (SMTP)
- > 80 required for HTTP
- > requests for your site
- > 443 required for HTTPS

Re: Remote Connection Issue

- > requests using SSL, which secures communications from your server and a
- > Web
- > browser
- > 444 Companyweb
- > 4125 Remote Web Workplace
- > 1723 (plus GRE Protocol 47) VPN
- > 3389 Terminal Services
- > 21 FTP
- >
- > After did that, on the internet computer, type URL:<http://FODN/remote> or
- > URL:<http://public IP/remote> in IE to access the RWW site and you can
- > connect to server box and client computer simultaneously.
- >
- > Information about setup VPN:
- >
- > 308208 HOW TO: Install and Configure a Virtual Private Network Server in
- > <http://support.microsoft.com/?id=308208>
- >
- > HOW TO: Configure a Connection to a Virtual Private Network (VPN) in
- > Windows XP
- > <http://support.microsoft.com/?id=314076>
- >
- > 320697 HOW TO: Turn On and Configure Inbound VPN Access in Small Business
- > <http://support.microsoft.com/?id=320697>
- >
- > Hope above information helps! If you have any concern on the issue please
- > let me know. I am happy to be assistance of you!
- >
- > Have a nice weekend!
- >
- > 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

Re: Remote Connection Issue

- > 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: "Barry McConomy" <smile@xxxxxxxxxx>
>>Newsgroups: microsoft.public.windows.server.sbs
>>Subject: Re: Remote Connection Issue
>>Date: Fri, 21 Oct 2005 08:25:48 -0400
>>Organization: Posted via Supernews, <http://www.supernews.com>
>>Message-ID: <11lhn4lg8h4vbe4@xxxxxxxxxxxxxxxxxxxx>
>>References: <11lg2qg16cdu6c8@xxxxxxxxxxxxxxxxxxxx>
> <ev\$GFdc1FHA.2212@xxxxxxxxxxxxxxxxxxxx>
> <11lgl56c6naj51@xxxxxxxxxxxxxxxxxxxx>
> <rl6Ywzh1FHA.1468@xxxxxxxxxxxxxxxxxxxx>
>>X-Priority: 3
>>X-MSMail-Priority: Normal
>>X-Newsreader: Microsoft Outlook Express 6.00.2900.2180
>>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2180
>>X-RFC2646: Format=Flowed; Original
>>X-Complaints-To: abuse@xxxxxxxxxxxxx
>>Lines: 279
>>Path:
> TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!newsfeed00.sul.t-online.de!t-onli
> ne.de!newshub.sdsu.edu!newsfeed.news2me.com!newsfeed2.easynews.com!newsfeed1
> .easynews.com!easynews.com!easynews!sn-xit-03!sn-xit-08!sn-post-01!supernews
> .com!corp.supernews.com!not-for-mail
>>Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:163354
>>X-Tomcat-NG: microsoft.public.windows.server.sbs
>>
>>Hi Jenny
>>
>>The reason I am using 2 port numbers the default 3389 and 3390 is that I
>>want the connect from remote clients simultaneously to the SBS server
>>through port number 3389 and a workstation on the LAN through port number
>>3390.
>>
>>I am of the understanding this is the only way to connect to different
>>Server/Workstations on the same LAN at the same time.
>>
>>Please advise if there is another way that does not need different port
>>numbers.
>>

Re: Remote Connection Issue

>>Regards
>>Barry
>>
>>
>>""Jenny wu [MSFT]"" <v-yanniw@xxxxxxxxxxxxxxxxxxxxxx> wrote in message
>>news:rl6Ywzh1FHA.1468@xxxxxxxxxxxxxxxxxxxxxxxxxx
>>> Hi Barry,
>>>
>>> Thanks for posting here!
>>>
>>> For your description, I understand that you want to allow a LAN client
>>> computer accessed remotely, and you have configured server publishing
>>> rule
>>> to publish it, but failed. If I am off base, please don't hesitate to
>>> let
>>> me know.
>>>
>>> How internet computer access to the internal client computer? Can I
>>> assume
>>> you are using terminal services?
>>>
>>> By default Terminal Server and Windows 2000 Terminal Services uses TCP
>>> port
>>> 3389 for client connections. Microsoft does not recommend that this
>>> value
>>> be changed. However, if it is necessary to change this port, you need
>>> follow these instructions.
>>>
>>> WARNING: If you use Registry Editor incorrectly, you may cause serious
>>> problems that may require you to reinstall your operating system.
>>> Microsoft
>>> cannot guarantee that you can solve problems that result from using
>>> Registry Editor incorrectly. Use Registry Editor at your own risk.
>>>
>>> I. To change the default port for all new connections created on the
>>> Terminal Server (the specific LAN client computer):
>>>
>>> 1. Run Regedt32 and go to this key:
>>> HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Terminal
>>> Server\WinStations\RDP-Tcp
>>>
>>> 2. Find the "PortNumber" subkey and notice the value of 00000D3D, hex
>>> for
>>> (3389). Modify the port number in Hex and save the new value.
>>>
>>> II. Publish the terminal services on 3390 port to internet (you have
>>> done):
>>>
>>> 1) Created an IP Packet Filter.
>>> 2) Created a Protocol Definition.
>>> 3) Created a Server Publishing Rule to the IP address of the LAN

Re: Remote Connection Issue

>>> Workstation.
>>>
>>> III. To Alter the Port on the Client Side and open 3390 port in client
>>> firewall.
>>>
>>> To alter the port on:
>>> 1. Open Client Connection Manager.
>>>
>>> 2. On the File menu, click New Connection, and then create the new
>>> connection. After running the wizard, you should have a new connection
>>> listed there.
>>>
>>> 3. Making sure that the new connection is highlighted, on the File menu,
>>> click Export. Save it as name.cns.
>>>
>>> 4. Edit the .cns file using Notepad changing "Server Port=3389" to
> "Server
>>> Port=xxxx" where xxxx is the new port that you specified on Terminal
>>> Server.
>>>
>>> 5. Now import the file back into Client Connection Manager. You may be
>>> prompted to overwrite the current one, if it has the same name. Go ahead
>>> and overwrite it. You now have a client that has the correct port
> settings
>>> to match your change Terminal Server settings.
>>>
>>> NOTE: The Terminal Server ActiveX client listens on TCP port 3389 and
> this
>>> cannot be changed. The Remote Desktop Protocol (RDP) client that is
>>> available in Microsoft Windows XP and Windows .NET (version 5.1 and
> later)
>>> has this ability.
>>>
>>> NOTE: You must restart the Terminal Server before the new listening port
>>> becomes active, or recreate the RDP listener via Terminal Services
>>> configuration.
>>>
>>> Open the port in firewall (you have done):
>>>
>>> 1) Allowed Remote Access
>>> 2) Allowed port 3390 through the Windows Firewall
>>>
>>> Try to test again to see if the issue be fixed.
>>>
>>> If the issue persists, please kindly help me collect some information to
>>> isolate the issue:
>>> 1. What are the accurate services you use to access the internal
> computer?
>>> 2. What is the accurate error message when you try to access the
>>> internal
>>> computer? Could you kindly help me catch a screen shot of the error

Re: Remote Connection Issue

>>> message?
>>> To make a screen shot:
>>>
>>> A. Press Alt + Pr Scrn to capture a screen shot.
>>> B. From Start, go to Run, enter pbrush in the Open box, and then click
> OK.
>>> C. Use Ctrl + V to paste the screen shot to the canvas.
>>> D. From the File menu, go to Save and save as a JPG file.
>>>
>>> 3. Please use the ISAinfo utility to collect the ISA configuration
>>> information for further analyze:
>>>
>>> a. Download the file from the following URL:
>>> <http://www.isatools.org/isainfo/ISAInfo.zip>
>>> b. Extract all files to a folder on ISA server
>>> c. Double click Isainfo.js. This will generate 2 files
>>> ISAInfo2004-<computer-name>.log and ISAInfo2004-<computer-name>.xml in
> the
>>> current folder.
>>> d. Please send these files to me at fejj@xxxxxxxxxxxxxx
>>>
>>> 3. Gather the ISA Web Proxy and Firewall service logs when reproducing
> the
>>> problem:
>>>
>>> Enable the full Web Proxy/firewall logging option:
>>> a. Open ISA 2004 management console.
>>> b. Expand the server node and highlight "Monitoring".
>>> c. In the right pane, switch to the "Logging" tab, make sure the
>>> "Task
>>> Pane" is showed there.
>>> d. In the "Task Pane", click "Configure Web Proxy Logging" under
>>> "Logging Tasks", and then switch the "log storage format" from
>>> "MSDE
>>> database" (default) to "File".
>>> e. Switch to the "Fields" tab, and then click "Select All".
>>> f. Click OK, and then click "Apply" to save changes and update the
>>> configuration.
>>> g. Click "Configure Firewall Logging". Do step d~f to enable the full
>>> logging options for firewall logging.
>>>
>>> Prepare to take the trace:
>>> a. Temporarily stop the Firewall service to clear the current existing
> W3C
>>> logs: Monitoring->Services tab, and then right click "Microsoft
>>> Firewall"
>>> to choose "Stop".
>>> b. Go to the log saving directory and clean any existing .W3C logs. By
>>> default, the logs will be saved to "C:\Program Files\Microsoft ISA
>>> Server\ISALogs". (Some MDF may not be able to deleted, that's normal.)
>>> c. Go back to the ISA 2004 management console, and then Start the

Re: Remote Connection Issue

>>> stopped
>>> "Microsoft Firewall" service.
>>>
>>> Reproduce the problem:
>>> a. Go to the external client computer. Try to access the RWW web site.
>>> b. Go back to the ISA server. Stop the "Microsoft Firewall" service.
>>> Open
>>> Windows Explorer, navigate to the ISA log file folder. Collect the
>>> recent
>>> w3c files. Save them to a zip package as "isalogs.zip". Start the
>>> "Microsoft Firewall" Service.
>>>
>>> Please add all file to a zip file and send the zip packages to me at
>>> v-yanniw@xxxxxxxxxxxxxxx If the file is too big, you can split to several
>>> parts and mail me. I appreciate your time and efforts to perform test
>>> and
>>> collect information.
>>>
>>> I am happy to be assistance of you and looking 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
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>>> newsgroups so that they can be resolved in an efficient and timely
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>>> "Notify me of replies" box to receive e-mail notifications when there
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>>> any updates in your thread. When responding to posts via your
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>>> please "Reply to Group" so that others may learn and benefit from your
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>>> Microsoft engineers can only focus on one issue per thread. Although we
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>>> so, it will ensure your issues are resolved in a timely manner.
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Re: Remote Connection Issue

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>>>
>>> -----
>>>>From: "Barry McConomy" <smile@xxxxxxxxxx>
>>>>Newsgroups: microsoft.public.windows.server.sbs
>>>>Subject: Re: Remote Connection Issue
>>>>Date: Thu, 20 Oct 2005 21:28:47 -0400
>>>>Organization: Posted via Supernews, <http://www.supernews.com>
>>>>Message-ID: <11lg156c6naj51@xxxxxxxxxxxxxxxxxxxx>
>>>>References: <11lg2qg16cdu6c8@xxxxxxxxxxxxxxxxxxxx>
>>> <ev\$GFdc1FHA.2212@xxxxxxxxxxxxxxxxxxxx>
>>>>X-Priority: 3
>>>>X-MSMail-Priority: Normal
>>>>X-Newsreader: Microsoft Outlook Express 6.00.2900.2180
>>>>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2180
>>>>X-RFC2646: Format=Flowed; Response
>>>>X-Complaints-To: abuse@xxxxxxxxxxxx
>>>>Lines: 51
>>>>Path:
>>>
> TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!newsfeed00.sul.t-online.de!t-onli
>>>
> ne.de!newsfeed.freenet.de!ecngs!feeder2.ecngs.de!news.glorb.com!sn-xit-04!sn
>>>
> -xit-12!sn-xit-09!sn-post-01!supernews.com!corp.supernews.com!not-for-mail
>>>>Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:163207
>>>>X-Tomcat-NG: microsoft.public.windows.server.sbs
>>>>
>>>>Hi Bill
>>>>
>>>>Yes, I restarted the server.
>>>>
>>>>Barry
>>>>
>>>>"Bill Swan" <bill@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>>>>[news:ev\\$GFdc1FHA.2212@xxxxxxxxxxxxxxxxxxxx](news:ev$GFdc1FHA.2212@xxxxxxxxxxxxxxxxxxxx)
>>>> Hi Barry...looks good to me... did you restart the ISA service ?
>>>>
>>>>
>>>>> "Barry McConomy" <smile@xxxxxxxxxx> wrote in message
>>>>> <news:11lg2qg16cdu6c8@xxxxxxxxxxxxxxxxxxxx>
>>>>>> Hi
>>>>>>
>>>>>>> System Windows 2000 SBS, with ISA

Re: Remote Connection Issue

◇ *From:* Barry McConomy

- Prev by Date: *Terminal Services – hardware requirements*
- Next by Date: *Re: Remote Connection Issue*
- Previous by thread: *Re: Remote Connection Issue*
- Next by thread: *Re: MX Records & Sonic Wall TZ 170 Port Forwarding?*
- Index(es):
 - ◆ *Date*
 - ◆ *Thread*