

RE: Problems with Permissions

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-05/msg01657.html>

- *From:* v-gzwang@xxxxxxxxxxxxxxxxxxxxxx (Guozhen Wang[MSFT])
 - *Date:* Tue, 13 May 2008 10:21:09 GMT
-

Hello Wayne,

Thanks for your detailed information. It is really helpful for us to understanding the scenario clearly.

According to your description, I think the issue most properly due to not connection those device in right order. In your current settings, the Linksys router is actually acting as a router. And SBS server is only take the role of an internal server. Even though the SBS server had 2 NICs but they are all configured to connected to internal network. The issue that SBS cannot exchange files with XP client may due to that the routing table is not correct, so that the SBS server could not know how to treat with internal traffic request.

Based on my experience and according to your requirement, I would recommend that you adjust the network topology as below:

- 1 RJ45 Cable from the Modem to the external NIC of SBS server. Configure the SBS's external NIC to use the static IP address which you got from ISP.
- Enable DHCP and DNS service on SBS server. Adjust the DHCP settings that set SBS server's internal IP address as client's DNS and default gateway.
- 1 RJ45 Cables from the SBS server internal NIC connect to Linksys Router's internet port and configure the internet port a internal IP
- 1 RJ45 Cable from the Linksys Router to 1 XP Pro Box
- Disable DHCP function on Linksys Router.
- Configure the Linksys Router to work as a wireless Access Point instead of a router (You may need to contact Linksys support for related information)
- Run the Configure Email and Internet Connection Wizard on SBS server. You can refer to the following article for more details:

How to configure Internet access in Windows Small Business Server 2003
<http://support.microsoft.com/kb/825763/en-us>

Two network adapters – direct connection to broadband

- On the Connection Type page, click Broadband, and then click Next.
- On the Broadband Connection page, under My server uses a direct broadband connection, click Next.

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- c. If your network connection to the Internet is disabled, you will receive the Network Connection, You must enable and configure the network connection to your ISP page. If you do not receive this page, go to step e. On this page, under Connection name, click Network Connection.
- d. Configure IP settings according to the requirements of your ISP, and then click Next. (The network connection is now enabled.)
- e. On the Network Connection, You must click the connection for your ISP and local network page, under ISP network connection, click Network Connection.
- f. Under Local network connection, click Server Local Area Connection, and then click Next.
- g. On the Direct Broadband Connection page, next to Preferred DNS server and Alternate DNS server, type the IP addresses that are provided by your ISP. To change the Default gateway setting, type the default gateway IP address if the IP address is not provided by DHCP. Click Next.
- h. Complete the Configure E-mail and Internet Connection Wizard.

Or you may like to using another alternative solution which you may need a additional switch:

- a. 1 RJ45 Cable from the Modem to the internet port of Linksys router. Configure the internet port to use the static IP address which you got from ISP.
- b. 1 RJ45 cable from Linksys router to SBS external NIC, set SBS external NIC an IP address such as 10.0.0.x
- c. 1 RJ45 cable from SBS internal NIC to the switch. Set SBS internal NIC IP to 192.168.0.x
- d. Enable DHCP and DNS service on SBS server. Adjust the DHCP settings that set SBS server's internal IP address as client's DNS and default gateway.
- e. 1 RJ45 Cables from the Switch connect to XP client.
- f. Disable DHCP function on Linksys Router. Disable wireless function of the router.
- g. Run the Configure Email and Internet Connection Wizard on SBS server.

Two network adapters – manual router connection to broadband

- a. If you receive a dialog box that says that a UPnP router was detected and you want to configure the router automatically, go to the " Two network adapters – UPnP router connection to broadband " section.
- b. Click No to the question "Do you want the wizard to configure the router?"
- c. On the Connection Type page, click Broadband, and then click Next.
- d. On the Broadband Connection page, under My server uses, click A local router device with an IP address, and then click Next.
- e. On the Router Connection page, next to Preferred DNS server and Alternate DNS server, type the IP addresses that are provided by your ISP. In the Local IP address of router box, type the IP address of the router that the server uses to connect to the router.
- f. Click to clear the My server uses a single network connection for both Internet access and the local network check box, and then click Next.
- g. On the Network Connection, You must enable and configure the network connection to your ISP page, under the Connection Name, click Network

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Connection.

- h. If your router provides DHCP, click Obtain an IP address automatically (use DHCP). If your router does not provide DHCP, click Use the following IP address, and then type the IP address and the subnet mask in accordance with the router settings. The default gateway is the IP address of the router.
- i. Click Next.

The network connection is now enabled.

- j. On the Network Connection, You must click the connection for your ISP and local network page, click Network Connection under the ISP network connection.
- k. Under the Local network connection, click Server Local Area Connection, and then click Next.
- l. Complete the Configure E-mail and Internet Connection Wizard.

By the way, you current scenario may also can work if you modify the SBS internal NIC by go to SBS console\Internet and Email then clicking "Change Server IP Address", following the wizard to change to another internal network(For example 10.0.0.x) and re-run the CEICW. Set the XP client to the same network(10.0.0.x). But it may lead to potential risks. Also considering you have 10 clients but the Linksys Router have only 4 ports. An additional switch is necessary.

Also if the problem still happens, please help to run the commands:
ipconfig /all and ROUTE PRINT on both server and client for further analysis.

Hope it helps.

Best regards,

Gary Wang(MSFT)

Microsoft CSS Online Newsgroup Support

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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.

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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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| Newsgroups: microsoft.public.windows.server.sbs
| From: v-gzwang@xxxxxxxxxxxxxxxxxxxxxx (Guozhen Wang[MSFT])
| Organization: Microsoft
| Date: Tue, 13 May 2008 10:16:49 GMT
| Subject: RE: Problems with Permissions
| X-Tomcat-NG: microsoft.public.windows.server.sbs
| MIME-Version: 1.0
| Content-Type: text/plain
| Content-Transfer-Encoding: 7bit
|
| From: Wayne Smith [<mailto:waynesmith1971@xxxxxxxxxxx>]
| Sent: Tuesday, May 13, 2008 11:56 AM
| To: Guo-Zhen Wang (Gems Lab)
| Subject: Re: Follow Up For Microsoft SBS Public Newsgroup Post [Problems
| with Permissions] with Gary Wang (94820911)
|
| Hello Gary,
| Firstly can I say a big thank you for taking the time and trouble to try
| and help me with this issue, when I posted my message to the newsgroup I
| certainly didn't expect a Microsoft support technician to reply and try
| to
| help resolve this problem, it is enormously appreciated.
|
| I have checked the thread of the newsgroup post after reading your email
| and unfortunately I cannot see your reply so I hope you won't mind me
| emailing you direct.
|
| I should explain that since I posted that message a few days ago, I have
| attempted countless different scenarios to try and fix the problem, but
| so
| far without any success, and I may have actually made things worse. As it
| currently stands the SBS 2003 machine is switched off and I'm connecting
| directly to the internet through my XP Professional machine -I have tried
| literally everything I can think of to resolve the problem and right now
| I
| must confess I feel completely drained and frustrated by the whole
| process.

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|
| With that said however, everything I have seen of Small Business Server
so
| far leads me to believe it is worth pursuing, I am sure that perhaps my
| inexperience and lack of knowledge on certain technical issues is the
real
| culprit and no doubt when I do finally get everything up and running, I
| will sigh a huge relief and take some important lessons learnt from the
| process.

|
| Just to give you a broad background of the problems I seem to be
| experiencing, what I am trying to do is set up the SBS machine with only
| one XP Pro machine connected at the moment, once I have that configured
and
| working correctly I intend to connect a handful of other XP Pro machines
| and possibly even one or two Apple Mac computers to the network, but all
of
| that is for later – right now my only concern is to get the SBS and one
XP
| Pro machine talking to each other.

|
| I have a broadband Internet connection through my ISP with a static IP
| address, I have a Linksys Wireless-G Broadband Router, which I intend to
| use for the client machines to connect to the Internet through a wireless
| connection, but at the moment I am content to connect this XP Pro box to
| the router with a network cable. On the back of the router, there are 4
| network cable ports and one Internet port, in the SBS machine I have two
| RJ-45 NIC's. And I also have a broadband modem provided by my ISP.

|
| No matter how I try to configure everything, I seem to have a whole range
| of different outcomes except the one I want. Obviously the ideal solution
| would be to have the SBS machine set up and configured for network access
| and Internet access, with each client machine connecting through the SBS
| machine for network & Internet access, but I seem to get Internet access
on
| the Server and no network access, Internet access on the Server and XP
Pro
| box but no network access, network connectivity from the Server to the XP
| Pro box but not the other way around ... and just about anything else you
| could imagine except what I really want.

|
| Although I maybe wrong in my assumptions, I feel sure the problem lies
| either somewhere with the way I have the Router connected and configured
or
| the way I have assigned IP addresses to the network cards and perhaps I
| have included too much information below, but I would much rather you
know
| how I have everything configured from the start, and to spend a
| considerable time checking things only to find I have made a simple
mistake
| with part of my configuration later that I failed to mention from the

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| beginning.

| The network is currently configured as follows:

| Internet Connection

- | > Broadband Modem provided by ISP with one Static IP Address
- | - 1 RJ45 Cable from the Modem to the 'Internet' port on the Linksys Router
- | - 2 RJ45 Cables from the Linksys Router to 2 NIC's on the SBS Box
- | - 1 RJ45 Cable from the Linksys Router to 1 XP Pro Box

| The two NIC's on the SBS Box are labeled as follows:

- | - Server Local Area Connection
- | - Network Connection

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| The 'Server Local Area Connection' has been configured manually with the following IP Address:

- | - IP Address: 192.168.71.99
- | - Subnet Mask: 255.255.255.0
- | - Default Gateway:
- | - Preferred DNS Server: 192.168.71.99
- | - Alternate DNS Server:

| The 'Network Connection' has been configured manually with the following IP

| Address:

- | - IP Address: 192.168.71.101
- | - Subnet Mask: 255.255.255.0
- | - Default Gateway: 192.168.71.1
- | - Preferred DNS Server: 192.168.71.99
- | - Alternate DNS Server:

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| =====

| The 'Local Area Connection' on the Windows XP Professional machine has been

| manually configured with the following IP Address:

- | - IP Address: 192.168.71.103
- | - Subnet Mask: 255.255.255.0
- | - Default Gateway: 86.21.x.x (full static IP not shown for security reasons)
- | - Preferred DNS Server: 194.168.4.100 (preferred DNS provided by ISP)
- | - Alternate DNS Server: 194.168.8.100 (alternate DNS provided by ISP)

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| =====

| The Linksys Wireless-G Broadband Router has been configured as follows:

- | - Local IP Address: 192.168.71.1
- | - Subnet Mask: 255.255.255.0
- | - Gateway: 0.0.0.0

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| – Local DNS: 0.0.0.0
|
| – DHCP: Enabled
| – Starting IP Address: 192.168.71.100
| – Maximum Number of DHCP Users: 50
| – Current Lease Time: 1440 minutes
| – Static DNS 1: 0.0.0.0
| – Static DNS 2: 0.0.0.0
| – Static DNS 3: 0.0.0.0
| – WINS: 0.0.0.0
|
| Security:
| – Firewall Protection: Disabled
| – Block Anonymous Internet Requests: No
|
| VPN:
| – IPSec Passthrough: Enabled
| – PPTP Passthrough: Enabled
| – L2TP Passthrough: Enabled
|
| Port Range Forward:
| Application Start End Protocol IP Address Enabled
| Exchange.....25 25 TCP 192.168.71.101 Yes
| Web Server.....80 80 TCP 192.168.71.101 Yes
| SSL.....443 443 TCP 192.168.71.101 Yes
| SharePoint.....444 444 TCP 192.168.71.101 Yes
| RemoteWeb.....4125 4125 TCP 192.168.71.101 Yes
| VPN.....1723 1723 TCP 192.168.71.101 Yes
| TS.....3389 3389 TCP 192.168.71.101 Yes
| FTP.....21 21 TCP 192.168.71.101 Yes
| File Sharing.....135 139 UDP 192.168.71.101 Yes
| File Sharing.....135 139 TCP 192.168.71.101 Yes
| File Sharing.....445 445 TCP 192.168.71.101 Yes
| File Sharing.....445 445 UDP 192.168.71.101 Yes
|
| Management:
| – Remote Management: Enabled
| – Management Port: 8080
| – Use https: Yes
|
| – AP Watchdog: Disabled
|
| – Boot WAN: Off
|
| – Cron: Disabled
|
| – Dhcpd: Enabled
| – Used Domain: WAN
| – LAN Domain:
|
| – DNS Masq: Disabled

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- | – Local DNS: Disabled
- |
- | – HTTPS: Enabled
- |
- | – Loopback: Enabled
- |
- | – 802.1x: Disabled
- |
- | – NTP Client: Disabled
- |
- | – PPTP Server: Disabled
- |
- | – Resetbuttond: Enabled
- |
- | – Routing: Enabled
- |
- | – SNMP: Disabled
- |
- | – SSHD: Disabled
- |
- | – Syslod: Disabled
- |
- | – Telnet: Disabled
- |
- | – UPnP: Enabled
- |

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|=====

| I have proceeded through the Internet & Email connection wizard in SBS 2003

| countless times to change different IP Addresses and other configurable options, simply to see if anything else made a noticeable difference but the way I have everything configured at the moment is giving me Internet access on both the SBS Box and the XP Pro box but no network connectivity,

| although I can log on to the XP machine using the credentials that I created on the SBS Box but I cannot exchange files between the two machines

| or browse either computer in My Network Places.

| If anything looks immediately obvious to you, that perhaps I have overlooked, I would of course be incredibly grateful for your feedback. I have even tried plugging the RJ45 cable from the Broadband modem into one of the network ports on the Linksys Router and then one RJ45 cable from the

| 'Network Connection' NIC on the Server to the 'Internet' port on the Linksys Router, more out of curiosity than anything else simply to see if it solved my problem, but all that seems to do is give me an IP Address conflict when I configure the IP Address to the static IP Address as provided by my ISP.

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I realize this may possibly seem very complicated to someone who isn't sitting in front of my network, and to be fair it's even more complicated to someone who is, but any help, suggestions or pointers would be greatly appreciated.

Kind Regards,
Wayne Smith

X-Tomcat-ID: 84204082
References: <A97222DE-98AE-4B0A-9EFD-6C242DE3B17C@xxxxxxxxxxxxxx>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: v-gzwang@xxxxxxxxxxxxxxxxxxxxxx (Guozhen Wang[MSFT])
Organization: Microsoft
Date: Mon, 12 May 2008 11:48:54 GMT
Subject: RE: Problems with Permissions
X-Tomcat-NG: microsoft.public.windows.server.sbs
Message-ID: <Pzv4vYCtIHA.5796@xxxxxxxxxxxxxxxxxxxxxx>
Newsgroups: microsoft.public.windows.server.sbs
Lines: 151
Path: TK2MSFTNGHUB02.phx.gbl
Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:107240
NNTP-Posting-Host: tk5tomimport2.phx.gbl 10.201.218.20

Hello Wayne,

Thank you for your post and thanks for Cliff's great inputs.

My name is Gary Wang, and it is my pleasure to work with you on this issue!

Please allow me to confirm that my understandings are correct. As I understand it, the issue is:

You cannot create network share place from SBS server to XP client even you had delegate full control permission to the share folder.

If I have misunderstood your concerns please feel free to let me know.

Suggestion :

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I would like to suggest that you check the following:

1. Check whether you can ping the XP client's computer name and IP address from SBS server.

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||
|| 2. Please check the shared permission and NTFS permission of the shared
|| folder on XP, to ensure your user account have full permission of the
|| folder.
||
|| 3. Please ensure you join the client computer to SBS domain thru
|| connectcomputer wizard. We recommend that the client connect to
|| <http://SBSServername/connectcomputer> and following the wizard to join
SBS
|| domain.
||
|| 4. Please try to create a new shared folder on XP and then test this
|| issue.
||
|| 5. If there are any firewall/anti-virus software on the XP client,
please
|| disable it temporarily as a test. Note that please perform a full scan
to
|| make sure your system is clean before disable them.
||
|| 6. Make sure File and Printing Share protocol is enabled on the SBS
|| server.
|| Please go to Control Panel – Network Connections, double click your NIC
|| and
|| choose Properties. Make sure the "File and Printing Sharing for
Microsoft
|| Network" is checked.
||
||
|| If we cannot resolve the issue after we perform the above steps, please
|| help me collect some information for further investigation:
||
|| Information Need
|| =====
|| 1. Please run the command: ipconfig /all on both server and client,
then
|| post the result back here.
|| 2. Please capture a screenshot of the exact symptom and send to me at
|| v-gzwang@xxxxxxxxxxxxxx
|| 3. Check event viewer for related error message. If there any, please
|| save
|| as *.evt file and send to me
|| 4. Does this issue happen on every XP client?
||
|| I look forward to your reply. Also, if you have any questions or
|| concerns,
|| please do not hesitate to let me know. I am happy to help. :-)
||
|| Thank you for your time and cooperation!
||
|| Best regards,

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||
|| Gary Wang(MSFT)
||
|| 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
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|| "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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|| rights.
||
|| -----
|| From: "Wayne Smith" <waynesmith1971@xxxxxxxxxxxx>
|| Subject: Problems with Permissions
|| Date: Fri, 9 May 2008 06:30:06 +0100
|| Lines: 2
|| Message-ID: <A97222DE-98AE-4B0A-9EFD-6C242DE3B17C@xxxxxxxxxxxx>
|| MIME-Version: 1.0
|| Content-Type: multipart/alternative;
|| boundary="-----=_NextPart_000_003D_01C8B19E.1F43B820"
|| X-Priority: 3

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||| X-MSMail-Priority: Normal
||| Importance: Normal
||| X-Newsreader: Microsoft Windows Live Mail 12.0.1606
||| X-MimeOLE: Produced By Microsoft MimeOLE V12.0.1606
||| X-MS-CommunityGroup-MessageCategory:
||| {E4FCE0A9-75B4-4168-BFF9-16C22D8747EC}
||| X-MS-CommunityGroup-PostID: {A97222DE-98AE-4B0A-9EFD-6C242DE3B17C}
||| Newsgroups: microsoft.public.windows.server.sbs
||| Path: TK2MSFTNGHUB02.phx.gbl
||| Xref: TK2MSFTNGHUB02.phx.gbl
microsoft.public.windows.server.sbs:106919
||| NNTP-Posting-Host: TK2MSFTNGHUB02.phx.gbl 127.0.0.1
||| X-Tomcat-NG: microsoft.public.windows.server.sbs

||| Applies to: Small Business Server 2003 & Windows XP Professional w/SP3

||| Hi everyone,
||| I wonder if someone may be able to help with a Permissions issue I
| have,
|| I've got one SBS2003 machine up and running, and to the best of my
| ability
|| configured correctly, I've added a Windows XP Pro machine to the
| computers
|| and created an account for myself with Administrator privileges, on
both
|| the SBS and XP machine I have shared certain folders and included my
|| account in the Security with full permissions, from the XP box if I go
to
|| My Network Places I can create a new network place using those shared
|| folders from the SBS box, but if I try to do the same from the SBS box
by
|| creating a network place to a shared folder on the XP machine, I get an
|| error message saying the network path cannot be found or I don't have
|| permission to access it.
||| I'm at a loss as to what I may be doing wrong because clearly my user
|| account is configured in Active Directory as I can log on to the
Windows
| XP
|| machine using the credentials that I created in AD. Just for clarity
the
|| SBS box is also a Domain Controller if that makes any difference.
||| Can anyone see something obvious that I may be overlooking?
||| Any help, pointers or suggestions would be greatly appreciated.

||| Kind Regards,
||| Wayne
