

RE: Server Re-Setup Help

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-05/msg03261.html>

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 - *Date:* Thu, 18 May 2006 16:08:01 -0700
-

We spent about 15 hours working to reinstall on the same equipment with no luck, so we put our old system back together and tried with it. No problem at all (at least everything appears to be working). It must have been the motherboard or CPU that was causing the problems, because it took only a couple of hours when we started working with the previous equipment, and everything is fine.

Thanks for the help!

Rick

""Jenny wu [MSFT]"" wrote:

Hi Rick,

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

Can I conform to your network topology as follows:

->SBS server (2 NIC, with 4 public IP)
Internet -> hub - {
-> Router (with 1 public IP) -> {internal
network}

Is it true?

If you setup network like above, the computers in internal network access the SBS server box is the same as the internet computers although they are in the same physical location. All requests from internal network to SBS server is transferred in internet since they have different public IP. You need open port 25, 80, 443, 444, 4125, 3389 in the Router, so that these traffic can be allowed between SBS server box and computers in 'internal network'.

However it is not recommended that you setup SBS network like this. I do not understand that why you separate them using router. Can you describe me more detail about what you want to achieve

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The following scenarios are recommended:

One network adapter:

-> SBS server

Internet -> Router - {

-> {internal workstations}

Two network adapters:

Internet -> Router -> SBS server -> {internal workstations}

Or

Internet -> Router -> SBS server ->hub -> {internal workstations}

You can setup network in two network adapters scenario for more security.

I suggest that carefully take a look the following KB article to get more information about setup network in SBS environment:

825763 How to configure Internet access in Windows Small Business Server 2003

<http://support.microsoft.com/?id=825763>

324287 HOW TO: Use Host Header Names to Configure Multiple Web Sites in

<http://support.microsoft.com/?id=324287>

More information:

Securing Your Windows Small Business Server 2003 Network

<http://www.microsoft.com/downloads/details.aspx?familyid=ccf92588-f367-4d25-8501-b4f680280f71&displaylang=en>

Please let me know if you have further question on the issue. I am happy to be of assistance to you.

Have a nice day!

Sincerely,

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,

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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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Thread-Topic: Server Re-Setup Help
thread-index: AcZ5ug33F/Wbg+bGR9GjKGBSn3PvJA==
X-WBNR-Posting-Host: 71.244.45.98
From: =?Utf-8?B?QnJld2hhdXM=?=
<Brewhaus@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
References:
<F875B352-ECD0-4445-8F9A-20E206FB4EAF@xxxxxxxxxxxx>

<uUmJ60YeGHA.4672@xxxxxxxxxxxxxxxxxxxx>

Subject: RE: Server Re-Setup Help
Date: Wed, 17 May 2006 06:59:03 -0700
Lines: 240
Message-ID:
<86243691-3D4E-48E2-8C9C-5C56E0C30E43@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 V6.00.3790.1830
Newsgroups: microsoft.public.windows.server.sbs
Path: TK2MSFTNGXA01.phx.gbl
Xref: TK2MSFTNGXA01.phx.gbl
microsoft.public.windows.server.sbs:268657
NNTP-Posting-Host: TK2MSFTNGXA01.phx.gbl 10.40.2.250
X-Tomcat-NG: microsoft.public.windows.server.sbs

Hi Jenny,

Thank you very much for your input. Before I change anything, let me try

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to

describe our setup, and you can suggest how I change it to best server our needs.

Currently, we have five IP addresses. Four of these are allocated to the server, which is connected directly to the internet. There is no router.

We

are on a Fiber Optic line, which brings an ethernet connection directly

from

the wall, so there is no router / firewall in place. The server is just connected to a hub, which connects directly to the outlet in the wall. We give one of the NICs four of our IP Addresses so that it will handle our websites. Right now, we have a second NIC in place, which we have set to obtain an IP automatically. There is no ethernet cable connected to it,

so

it simply defaults to a 169 address.

We run a second connection from the hub to a router, which controls our internal network. The WAN on the router is given a static IP address (the one address that we have remaining), so it connects directly to the

internet

as well. I would expect this to act as a separate internet connection

from

our server, as they both use different IP addresses.

What is very strange is that people in other places can access our websites.

It seems that the only computers unable to connect to our server are those

behind the router mentioned above. When I try to load our website or connect

to e-mail, etc., from one of our computers behind the router we simply cannot

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get a connection– it times out. Absolutely nothing was changed on the internal computers or the router.

Our server is maintained in my home so that I am around if there is a problem. Our warehouse is in a different location (a few miles away), and can access the websites, log in to the server remotely, etc. That is what

I

meant when I mentioned that we could access from the warehouse, but not locally.

This was working previously, but after shutting down to install the new power supply, it stopped working.

I was going to remove the second NIC, and keep only the one that connects

to

the internet. But, when I do this and try to run the internet connection wizard, it says that I cannot use 'direct broadband connection' with only

one

NIC. Because I am literally connected directly to the internet, can I

still

remove the second NIC and select a different connection option? I just

want

the server to handle our websites and e-mail, but did not know how to

close

ports. In reality, we need only a few ports open to run what we do.

Would I be better to connect the internal computers to the server on the second NIC? The only reason that we did not do this is that we do not

want

the extra load on the server in case it would slow our websites down at

all.

I am at a complete loss, so will await your suggestions on how I should

set

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my connection(s) up.

Thanks again. I really look forward to your input so that I can get things operating properly again.

""Jenny wu [MSFT]"" wrote:

Hi Rick,

Thanks for posting here.

From your description, I understand the issue to be: users can not

access

the SBS server from some computers but can from other computers without problem. If I am off base, please don't hesitate to let me know.

From your description, I understand that you indeed use one NIC to

connect

to the route, another NIC is not be used. In your scenario, you can

remove

the second NIC from the server and use only one NIC. Please note that

after

you remove the NIC, please re-run CEICW to re-configure network

connection

regarding to one NIC scenario. I suggest that you refer to the KB 825763

to

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configure network connection.

825763 How to configure Internet access in Windows Small Business Server 2003

<http://support.microsoft.com/?id=825763>

If the ISA server has not been installed on the SBS server, we can

enable

RRAS basic firewall to offer basic firewall protection. You can use

Router

to provide more security of your network. It is not recommended we open

too

many ports in the router since it is very insecure to our network.

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

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

You open related ports only when you need allow some specific traffic.

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To the users can not access the server issue, please check the following settings:

I. Please double check DNS and Gateway settings:

1. Set the internal IP of the Router as the Default Gateway of all

client

computers and the server.

2. Configure the internal client computer's NIC to use the internal DNS Service (the IP of the SBS server box) as the DNS Server. And there is

only

the DNS server be configured on client computers.

II. Please ensure enable NetBIOS over TCP/IP on client computers, please check the settings.

1. Right-click My Network Places, and then click Properties.
2. Right-click the external network adapter's Local Area Connection

icon,

and then click Properties.

3. Click Internet Protocol (TCP/IP), and then click Properties.
4. Click Advanced.
5. Click the WINS tab.
6. Click "Enable NetBIOS over TCP/IP".
7. Click OK, click OK, and then click OK.

If not, please verifying to see if the issue is resolved.

If the issue persists, please help me collect the following information

to

isolate the issue:

1. What is the exact error message you received when user try to access

the

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server? How you access it? using UNC path or others?
Please help me

collect

a screen shot of the error message and mail it to my working mailbox:

v-yanniw@xxxxxxxxxxxxxx

2. What is the meaning of the sentence "yet the server can be accessed

from

other places (such as our warehouse)"? How user accesses the server from warehouse? Do the computers in warehouse in the same LAN or from

internet?

3. Please run command "ipconfig /all" (no quotation marks) respectively

on

the SBS server box and one problematic client workstation and email them

to

me.

I appreciate your time. I am happy to be of assistance to you and look forward to your reply!