

RE: RRAS Port configuration

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-06/msg01997.html>

- *From:* Warren Machanik <WarrenMachanik@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 21 Jun 2008 23:39:00 -0700
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Firstly sorry for the delay in getting back to you I did not receive a notification of a reply, may be a problem with my email hosting company (not the same ISP I use to connect to the internet by the way)

Thank you for your reply, in answer to your questions. I am using RRAS as a basic firewall. I have two NIC's in the server. The one NIC is connected to the internal switch the other is connected to a wireless iBurst device, that connects to the internet. All this was working fine until the latest security patches from Microsoft were downloaded and installed.

The problem is that the iBurst device works in a strange way that I cannot understand and the technical people could not explain how it works to me either, it connects to the internet via PPPoE and does not get issued an IP address. The server obviously gives it one of those random 169 addresses. Normally what would happen is the DDNS service I have been using would establish the external IP and then map the internet to it, that way I could use Mobile Active Sync, OMA, and OWA.

However now the DDNS service crashes and reports that TCP traffic is blocked on port 40019 (sorry I made a mistake the last post kept on putting 40010 instead).

So I went into RRAS and try doing what you said already, but the problem is that you cannot open a whole class "B" and as stated I have no idea what the external IP is going to be since the ISP issues an IP in that class "B" range (41.208.x.x). I have tried using 127.0.0.1 but that interface I assume is the default interface which I believe is the internal network.

Hope this makes it clearer

Warren – All limits are man made

"Guozhen Wang[MSFT]" wrote:

Hello Warren,

RE: RRAS Port configuration

Thank you for your post.

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 want to know how to open port 40010 on RRAS service.

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

Suggestion :

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I am not quite sure about your word "open port 40010". Does that means your SBS clients or server need to access port 40010 on the internet? Or the internet users need to access port 40010 on SBS server or internal server in SBS network?

And may I know your exact symptom of network topology? For example, you are in single NIC scenario or 2 NICs? Which type of connection you are using? Direct connection to broadband with PPPoE or modem connection to POTS or ISDN? Please referring to the following document to make sure that you had configured CEICW in right way:

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

Based on my experience, RRAS allows all the traffics from inside to internet. So if your SBS clients or server need to access port 40010 on the internet, you do not need to any make change on RRAS settings. Unless you have enabled basic firewall and configured outbound filters. You can check the outbound filters as below:

1. Please open Routing and Remote Access console on SBS thru run command "rrasmgmt.msc"
2. Go to Server Name\IP Routing\NAT/Basic Firewall.
3. Right click the interface you are using to provide NAT, choose Properties.
4. In NAT/Basic Firewall tab, click Outbound filters.
5. Clean the settings there as a test.
6. Restart RRAS service.

If you want the internet users to access port 40010 on SBS server or internal server in SBS network, I would like to suggest that you try the following steps:

1. Please open Routing and Remote Access console on SBS thru run command "rrasmgmt.msc"
2. Go to Server Name\IP Routing\NAT/Basic Firewall.
3. Right click the interface you are using to provide NAT, choose Properties.
4. Navigate to Services and Ports tab on the right, click Add.
5. Provide a name for the service and the settings required for the

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incoming and outgoing ports(40010), and click OK.

Also, you may like to verify whether the port is listening on the server as below:

- a. Telnet the server from internal SBS network.
Run the command: telnet servername 40010 on internal SBS network client.
- b. Run the command: Netstat -na on the server, and check whether the port is listened.

By the way, I would like to suggest that you disable any third party firewall on the SBS server as a test.

Hope it helps.

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,

Gary Wang(MSFT)
Microsoft CSS Online Newsgroup Support

Get Secure! – www.microsoft.com/security

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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.

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: RRAS Port configuration
| thread-index: AcjSOlqfvp47oyViTM+H+3rvuA4eEg==
| X-WBNR-Posting-Host: 207.46.19.168
| From: =?Utf-8?B?V2FycmVuIE1hY2hhbmlr?=<WarrenMachanik@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
| Subject: RRAS Port configuration
| Date: Thu, 19 Jun 2008 11:29:05 -0700
| Lines: 10
| Message-ID: <63E65AA5-1767-4D1B-83CE-5F3E746DA020@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 V6.00.3790.2992
| Newsgroups: microsoft.public.windows.server.sbs
| Path: TK2MSFTNGHUB02.phx.gbl
| Xref: TK2MSFTNGHUB02.phx.gbl microsoft.public.windows.server.sbs:112356
| NNTP-Posting-Host: tk2msftibfm01.phx.gbl 10.40.244.149
| X-Tomcat-NG: microsoft.public.windows.server.sbs
|
| I am tryin gto allow port 40010 to be open. it is used for a DDNS
service,
| and the ISP has a IP that is random but falls into the range 41.208.0.0
mask
| 255.255.0.0 or 41.208.x.x
|
| if I guess the IP I can add this port config into the RRAS, but do not
feel
| like aded 65525 entries into th RRAs server,
|
Is there any way of doing this?
Warren - All limits are man made