

Re: RRAS on W2K3

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2007-04/msg00377.html>

- *From:* "Bill Grant" <not.available@online>
 - *Date:* Tue, 24 Apr 2007 17:36:36 +1000
-

You need to be careful with PPPoE and RRAS/NAT. The PPPoE interface needs to be configured as the "public" interface, not the external NIC.

"Gustav Roder" <GustavRoder@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:3FF6FB44-0FEB-46F3-A4E0-D685BFD03EA1@xxxxxxxxxxxxxxxxxxxx

Dear Robert,

Again thank you for your response. I went to the link below and tried out the case study. In addition, I also followed other related links from that web site. Unfortunately, nothing seemed to solve my problems. It now occurs

to me, however, that I cannot access the internet when connected using the dial-demand adapter created from within the RRAS manager. However, if I create a PPPoE connection under Network Connections and connect using this 'adapter', then I am able to connect to the internet from the server, but still not the from client(s). If I connect to the ISP using the RRAS demand-dial adapter, then I am able to ping all the pingable hosts in the world, but I just cannot connect to them (time-out). I did a tracert to yahoo.com, and it looked like:

```
C:\Documents and Settings\Administrator>tracert yahoo.com
```

```
Tracing route to yahoo.com [66.94.234.13]  
over a maximum of 30 hops:
```

```
1 * * * Request timed out.  
2 1 ms <1 ms <1 ms geth0-100.gtx00-ves.broadcom.dk  
[212.99.255.33]
```

```
3 * * * Request timed out.  
4 * * * Request timed out.  
5 * * * Request timed out.
```

```
6 ^C  
C:\Documents and Settings\Administrator>
```

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Not much connection here. Maybe its just not possible to have DC and RRAS on the same server? Any suggestions fro here?

BR,
Gustav

"Robert L [MVP – Networking]" wrote:

It is not recommended to enable RRAS on a DC with DNS. If you do, you may have a connectivity or name resolution issue. If this is your only option, this link may help.

name resolution and connectivity issues on RRAS
Case Study – Name resolution and connectivity issues on a RRAS that also runs DC, DNS or WINS. A computer that is running Windows Server may have name ...
<http://www.howtonetworking.com/casestudy/rraswithdcdnswins1.htm>

Bob Lin, MS–MVP, MCSE & CNE
Networking, Internet, Routing, VPN Troubleshooting on
<http://www.ChicagoTech.net>
How to Setup Windows, Network, VPN & Remote Access on
<http://www.HowToNetworking.com>
"Gustav Roder" <GustavRoder@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:0071800F-EE3C-4BBC-8372-22F77D419C20@xxxxxxxxxxxxxxxxxxxx>
Hi Robert,

Thank you for your quick reply. OK, so I went through the list in the link that you provided. Unfortunately, none of the points could solve my problem. As goes for the filters – no filters (inbound/outgoing) are listed in my RRAS configuration. Therefore I assume, that there are none – maybe they are listed elsewhere? Furthermore, I have also tried to setup the W2k3 server doing 'just' NAT without VPN (using the same wizard). It does not make any difference. When I disable RRAS and to ICS then it actually works fine. I should also mention, that this particular server runs the DC service along with the DHCP and DNS services. Does this prohibit the RRAS service? What am

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I missing here?

BR,
Gustav

"Robert L [MVP – Networking]" wrote:

- > Make sure no VPN filters block the internet access. This how to may help,
- >
- > VPN SetupHow to configure VPN Packet Filters How do I set up a modem to dial into a remote compute How to configure W2K server as VPN server
-
- > <http://www.chicagotech.net/vpnsetup.htm>
- >
- >
- > Bob Lin, MS–MVP, MCSE & CNE
- > Networking, Internet, Routing, VPN Troubleshooting on <http://www.ChicagoTech.net>
- > How to Setup Windows, Network, VPN & Remote Access on <http://www.HowToNetworking.com>
- > "Gustav Roder" <Gustav Roder@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:D5E0DD7A-23B8-4E7C-A5D3-E324B8E71A50@xxxxxxxxxxxxxxxxxxxx
- > Dear all,
- >
- > I have setup a W2K3.SP2 server having two NICs. NIC–1 is connected directly
- > to the ISP using a PPPoE connection (thus giving this NIC two IP addresses).
- > NIC–2 is then connected to the LAN having a static IP of 192.168.0.1. I have
- > used the RRAS wizard to allow the Windows server to act as a NAT and VPN
- > server at the same time. Furthermore, I have established a demand–dial NIC
- > connection inside the RRAS service and connected successfully.
- >
- > The problem is now, that neither the Windows server nor any of my Windows XP
- > clients on the LAN are able to connect to the internet using any browser.
- > However, they are able to ping public web servers.
- >
- > What can I do about this?
- >
- >
- > Thank you in advance.
- >

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> Gustav Roder