

Re: SBS 2003 – dual nics connectivity problem

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-02/msg01919.html>

- *From:* "Paul Barker" <PaulBarker@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 10 Feb 2006 03:05:28 -0800
-

"Lanwench [MVP – Exchange]" wrote:

In news:50158C2A-BA7F-4B62-AAD8-72889E6D7DCC@xxxxxxxxxxxxxx,
Paul Barker <PaulBarker@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> typed:

"Lanwench [MVP – Exchange]" wrote:

In
news:89E347C0-7F1B-46A0-A4B6-D7033FFA1B47@xxxxxxxxxxxxxx,
Paul Barker <PaulBarker@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
typed:

Hi, this problem has stumped me for a while.
We are running two sbs
2003 servers, both with a nic for wan and a
nic for lan. The wan ip
is a static public address and teh lan ips are
192.168.x.x The
problem is that after a day or so of running
with both nics enabled,
all wan connectivity is lost, and it only
returns when the lan card
is disabled. I've tried different nics, but since
this problem is
happening on two machines, i think we must
be missing something
somewhere, perhaps something we've
overlooked along the way. Any
help with this matter woudl be great, can
also provide more

Re: SBS 2003 – dual nics connectivity problem

information if needed.

regards

Paul

Maybe look for event log errorsand post an ipconfig /all from the box in question.

PS: If you aren't using ISA, you really need to get a decent hardware firewall appliance to stick between WAN and LAN.

heres the output

Windows IP Configuration

Host Name : tweb
Primary Dns Suffix : Totem.local
Node Type : Unknown
IP Routing Enabled. : Yes
WINS Proxy Enabled. : Yes
DNS Suffix Search List. : Totem.local

Ethernet adapter WAN:

Connection-specific DNS Suffix . :
Description : Intel(R) PRO/100 VE Network
Connection Physical Address. : 00-03-47-CE-F8-61
DHCP Enabled. : No
IP Address. : 84.243.27.3
Subnet Mask : 255.255.255.0
Default Gateway : 84.243.27.254
DNS Servers : 84.243.27.253
84.243.0.210

Ethernet adapter LAN:

Connection-specific DNS Suffix . :
Description : 3Com 3C905TX-based Ethernet
Adapter (Generic)
Physical Address. : 02-60-8C-F1-82-F5
DHCP Enabled. : No
IP Address. : 192.168.9.150
Subnet Mask : 255.255.255.0

Re: SBS 2003 – dual nics connectivity problem

Default Gateway : 192.168.9.50
DNS Servers : 84.243.27.253
84.243.0.210

First – you have DNS problems. You have to specify 192.168.9.150 (your SBS LAN IP) for DNS on *both* NICs.....and *no* external DNS servers. Your forwarders will take care of the external queries. Try re–running the CEICW – it's supposed to do this for you by default.

AD relies heavily on DNS and if the latter isn't set up perfectly, expect problems.

What's 192.168.9.50 / default gateway? I don't like dual NIC configurations (esp. if you don't use ISA), so I'm not sure why your default gateway is set the way it is.

I repeat my recommendation that you get a good firewall appliance.

thanks for you help, the other machine with the problem is 2k3 server, would teh dns problem affect that also?

.