

Re: Network desintegrating(?)

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-01/msg03636.html>

- *From:* "Dieter Visser" <kdv@xxxxxxxxxx>
 - *Date:* Tue, 29 Jan 2008 11:14:39 +0100
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Hello SuperGumby,

Thanks for your answer, kj also answered, I'm going with your suggestion to use a reservation for the extra DC.

My system is 1 SBS 2003 SP1 server Premium with ISA 2004, 1 Windows 2003 as DC, 15 clients XP Pro SP2

Physically it's

Internet
DSL modem (yes it's a speedtouch)
||
SBS External
SBS Internal
||
Internal switch
||
Lan PC's

I made a reservation for Noodserv in DHCP. I will enter Noodserv as extra DNS server.

I don't understand the firewall issue. The system was working from 2005 till recently with the firewall client installed. I'm not questioning your advice, I'm trying to learn something.

"SuperGumby [SBS MVP]" <not@xxxxxxxxxxxx> wrote in message news:%23kaGN5eYIHA.5180@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

I differ, I use DHCP but make reservations for servers.

Physically, what is connected to what?

I expect

internet
DSL modem (looks like a speedtouch)

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|
|
SBS External 10.0.0.153
SBS Internal 10.10.10.2
|
|
Internal switch
|
|
LAN PCs (Including additional DC)

IF instead it was (incorrect but possibly functional)

internet
DSL Modem
|
|
switch
|
|
both SBS interfaces and LAN PC's

Then the switch may not be handling the two similar subnets correctly, explaining the unusual ping results.

The IPConfig's look good. Could be firewall as KJ suggests.

"kj [SBS MVP]" <KevinJ.SBS@xxxxxxxxxxxxxxxxxxxx> wrote in message news:%23su778cYIHA.4696@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Dieter Visser wrote:

Hello,

Thanks for your answer. I put the files you asked for as a attachment. I've seen that before but don't know what to do about it.

I know PDC and BDC are NT 4 terms, TELSERV is the SBS box, NOODSERV is the extra DC.

Thanks for your time.
Dieter

Two things. One, you should only use static IP addresses for servers and especially domain controllers. OK, three things. After replication is

fixed

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change the DHCP scope to give clients both DCs as DNS servers.

Disable the windows firewall on NOODServ (probably what is causing the connectivity issues). Is this Premium with ISA or just dual nic SBS standard?

Windows IP Configuration

Host Name : noodserv
Primary Dns Suffix : bsd.local
Node Type : Hybrid
IP Routing Enabled. : No
WINS Proxy Enabled. : No
DNS Suffix Search List. : bsd.local

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : bsd.local
Description : Intel(R) PRO/100 VE Network
Connection
Physical Address. : 00-13-20-4F-79-0D
DHCP Enabled. : Yes
Autoconfiguration Enabled : Yes
IP Address. : 10.10.10.22
Subnet Mask : 255.255.255.0
Default Gateway : 10.10.10.2
DHCP Server : 10.10.10.2
DNS Servers : 10.10.10.2

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Primary WINS Server : 10.10.10.2

Lease Obtained. : vrijdag 25 januari 2008 9:17:46

Lease Expires : zaterdag 2 februari 2008 9:17:46

Testing server: Default-First-Site-Name\TELSERV
Starting test: Connectivity
Server TELSERV resolved to this IP address 10.10.10.2,
but the address couldn't be reached(pinged), so check the

network.

The error returned was: Error due to lack of resources.
This error more often means that the targeted server is
shutdown or disconnected from the network
..... TELSERV failed test Connectivity

"kj [SBS MVP]" <KevinJ.SBS@xxxxxxxxxxxxxxxxxxxx>
wrote in message
[news:%23MW\\$R7sXIHA.1208@xxxxxxxxxxxxxxxxxxxx](mailto:news:%23MW$R7sXIHA.1208@xxxxxxxxxxxxxxxxxxxx)

Dieter Visser wrote:

Hello,

1 SBS 2003 SP1 server, 1
Windows 2003 member
server as a BDC, 15
clients XP Pro SP2

For some reason I get on the
BDC event 13508 errors:

The File Replication Service
is having trouble enabling
replication
from TELSERV to
NOODSERV for
c:\windows\sysvol\domain
using the DNS
name telserv.bsd.local. FRS
will keep retrying.
Following are some of the
reasons you would see this
warning.

[1] FRS can not correctly

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resolve the DNS name
telserv.bsd.local
from this computer.

[2] FRS is not running on
telserv.bsd.local.

[3] The topology
information in the Active
Directory for this
replica has not yet replicated
to all the Domain
Controllers.

This event log message will
appear once per connection,
After the
problem is fixed you will
see another event log
message indicating
that the connection has been
established.

Telserv is the PDC,
Noodserv is the BDC. I can
ping from the PDC to
the BDC, I can ping all the
clients. Everything works
fine so far I
can see.
From the BDC I can't ping
the PDC. All other
connections work oke.

AFAIK dhcp and dns work
oke, there are no events in
the logs.

On a couple of clients are
Userenv errors. Are they
related maybe?

The Ipconfig of the PDC
and the BDC are attached.

Any help is very welcom,
thanks in advance for your
time

Dieter

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Setting aside the PDC/BDC terminology (for now), it's likely the Second DC ("BDC") has DNS issues with the First DC ("PDC").

post the output of ipconfig/all from both of your DCs'

Alternatively, run dcdiag /c /e on both and post the complete results.

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/kj

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/kj