

Re: Urgent – please help

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-12/msg01194

- *From:* Joe <Joe@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 15 Dec 2006 17:54:00 -0800
-

To all who helped, many thanks. I found the problem – doh! There are 2 NIC's on the DC and at some point during the process of configuring the router, I switched to the 2nd one, which did not have File and Printer sharing turned on! That's all it was.

"Herb Martin" wrote:

"Joe" <Joe@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:766A8D9D-5749-47F5-B15D-28E2F3EA7CC3@xxxxxxxxxxxxxxxxxx>

Here is the ipconfig /all info from the XP Pro client that cannot join the domain.

Windows IP Configuration

Host Name : Allan
Primary Dns Suffix :

Go to System Control Panel->Computer Name and add the computers domain as the primary suffix for the machine.

Node Type : Broadcast
IP Routing Enabled. : No
WINS Proxy Enabled. : No

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . :
Description : HP EN1207D-TX PCI 10/100 Fast
Ethernet Adapter
Physical Address. : 00-10-B5-B8-0B-03
Dhcp Enabled. : Yes

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Autoconfiguration Enabled : Yes
IP Address. : 192.168.1.5
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.1.2
DHCP Server : 192.168.1.2
DNS Servers : 192.168.1.1

Correct based on your report below (the DNS–DC.)

Lease Obtained. : 15 décembre, 2006 04:10:13
Lease Expires : 16 décembre, 2006 04:10:13

The routers ip address is 192.168.1.2 – the DC is 192.168.1.1. Given the above, are we still looking at a misdirected DNS server, or is it something else? The only DNS address I put on the router is 192.168.1.1, to make sure that a client connecting to the router is directed back to the DC for DNS resolution.

Ok (but that isn't the way I would do the last part.)

Instead, I would set the router to use the ISP or recurse as DNS Server, and point the DC–DNS server to the router as "Forwarder" (in DNS MMC Server properties.)

Since the client is ok, check the same stuff on the DC, and run DCDiag — capture output to a text file — search for WARN and FAIL — fix or post results here.

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Herb Martin, MCSE, MVP
Accelerated MCSE
<http://www.LearnQuick.Com>
[phone number on web site]

Joe

"Herb Martin" wrote:

"myweb" <meiweb@xxxxxx> wrote in message
<news:59710d1e1378c8ee76e58c8500@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

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Hello Joe,

Did the router also provide the DNS server IP? Sounds that the DNS settings causing the problem.

Agreeing with "myweb" and amplifying:

Many such routers as DHCP servers give out their OWN address as the DNS server (some can be modified to set this, but others cannot.)

The INTERNAL clients must use STRICTLY the INTERNAL (and dynamic) DNS Server which supports AD -- you indicate this is the DC.

"ipconfig /all" and look for either the wrong OR a mixture of DNS servers (DC and router would be wrong too.)

--

Herb Martin, MCSE, MVP
Accelerated MCSE
<http://www.LearnQuick.Com>
[phone number on web site]

Best regards

myweb

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Thanks for the quick response.

The IP for the DC is fixed.
All workstations use DHCP.
DHCP server is the router. Not sure what the "DG" is.

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All PC's connect to a switch, which connects to the router. Also the DC has only one NIC, which connects to the switch. The ISP DSL modem is connected directly to the router. Hope this is clear. To put it another way, there are two connections to the router, one from the switch, the other from the modem.

Joe

"myweb" wrote:

Hello Joe,

Did you use fixed IP? DHCP from the router or server, are the settings ok with the DG? How is the connection running, all over the router or did you use a switch?

Best regards

myweb
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confers
no rights.

Customer
has
SBS
2003
with
7
workstations.
After
replacing
the
router
to
which
all
workstations
connect,
workstations
no
longer
log
in
to
the
AD
domain,
and
cannot
join
the
AD
domain.
For
DNS,
I
have
verified
that
all
workstations
and
the
DC
point
to
the
DC,
which
is

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also
a
DNS
server,
for
DNS
resolution.

When
I
use
netdom
join
to
join
an
XP
Pro
workstation
to
the
domain,
I
get
a
"network
path
not
found"
message.

When
I
look
at
Network
Neighbourhood,
the
domain
is
there
but
if
I
try
to
open
it,
it
tells
me
(I

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can't
remember
the
exact
wording)
that
the
either
the
domain
cannot
be
found
or
I
do
not
have
permission.

I
can
ping
the
DC
from
the
XP
workstation,
and
I
can
ping
the
workstation
from
the
DC.

Customer
has
been
down
for
2
days.
Please
help.

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