

Re: Urgent – please help

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-12/msg01171

- *From:* "Herb Martin" <news@xxxxxxxxxxxxxxxx>
 - *Date:* Fri, 15 Dec 2006 11:42:50 -0600
-

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

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
Ethern
et Adapter
Physical Address. : 00-10-B5-B8-0B-03
Dhcp Enabled. : Yes
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.)

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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.

—
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@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hello Joe,

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

Agreeing with "myweb" and amplifying:

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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>
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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.

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:

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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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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
also a DNS
server, for
DNS
resolution.

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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 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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