

Re: AD, DHCP or maybe DNS problem?

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-06/msg00650

- *From:* Greg P <gsp@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 11 Jun 2006 09:31:01 -0700
-

Jorge,

I reset internet options to no avail. One thing i'm not sure about is when I ping the internet from any computer on the network the request times out. Even the server and the laptop that the internet works on. Otherwise I'm totally stumped.

Thanks,
Greg

"Jorge Silva" wrote:

I uninstalled Norton totally from the desktop. If it can't connect to the internet I can't get a virus :)

It looks that your Dns resolution is working well. So the only explanation that I can remember at this moment is that there is something or some filter that prevents you from going to the internet. Check Internet options or any type of configuration internet related that you might have in your pc.

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I hope that the information above helps you

Good Luck
Jorge Silva
MCSA
Systems Administrator

"Greg P" <gsp@xxxxxxxxxxxxxxxxxxxx> wrote in message
<news:3BDBCBA0-CDBF-4A47-8B91-B77978A81F49@xxxxxxxxxxxxxxxxxxxx>

Jorge,

Unfortunately I'm in the same spot that I started in, except we solved the file sharing issue on Laptop 2 by lowering the Norton firewall. I still can't access the internet on the desktop or laptop 2, even though they are on

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the same domain as Laptop 1 which can access the internet. With that being said I'm not sure if you still think this is a DNS problem?

Well you said that now you have everything working except Internet, and you also said that you don't have Proxy or any other thing that

prevents/restricts users to access to the internet, so you must have a DNS resolution problem.

Do you have Forwarding enabled in the Dns server?

Yes, this is set up with the correct ip addresses.

Test the resolution on the DC – Go to command prompt and type ping www.microsoft.com – check if returns the Ippaddress of the site

then go to the clients and check if the ping command returns the Ippaddress of the site.

All resolve the IP address, all requests time out.

Right click on it and choose properties then you should have the "File and Print Sharing for Microsoft Networks Selected"; however you should disable/deselect this on the Public Interface (Security purposes).

The File and Print Sharing was selected previously. (there wasn't a Public Interface option for this nic, there are only 4 options in the properties page, Client for MS Networks, Network Load Balancing, File and Printer Sharing, and TCP/IP)

Check also if is preventing Internet access or any other access to server or Dns, etc. Best practices here are for test DISABLE the Norton Firewall and test, in this way you can immediately check if this as

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relation with
your current problems.

I uninstalled Norton totally from the desktop. If it can't connect to the internet I can't get a virus :)

"Jorge Silva" wrote:

In line

What is a multihomed DC?

Is a Domain controller with more than one Nic (Network Interface Card)
card

What do I need to change on my server to
make this work?

Well you said that now you have everything working except Internet, and you also said that you don't have Proxy or any other thing that prevents/restricts users to access to the internet, so you must have a DNS resolution problem.

– Do you have Forwarding enabled in the Dns server? If no go to the Dns console -> right click Dns server choose properties -> select forwarders tab -> Select All other Domains -> got to the Selected domain's forwarder

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Ipaddress list and place the ISP Dns server address -> click
add ->
restart
Dns service.

Test the resolution on the DC – Go to command prompt and
type ping
www.microsoft.com – check if returns the Ipaddress of the
site, then go
to
the clients and check if the ping command returns the
Ipaddress of the
site.

Are you saying I shouldn't have WINS and
DNS on the same computer?

No. What I said was in a Multihomed DC you could have
problems with Wins
and
Dns.

FYI I uninstalled WINS and see the same
problem, do I need to remove
some
records somewhere?

You'll only need WINS if you're using any APP in your
network that needs
NetBIOS resolution or if you have the need to browse over
different
subnets
using for example Network Places.

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As for configuring the DNS as you said I already had the interfaces set to only use the local Nic.

– Great

As for setting the binding order the internal Nic was at the top of the list. How do I check to see if file sharing is only on that NIC?

– Right click on it and choose properties then you should have the "File and Print Sharing for Microsoft Networks Selected"; however you should disable/deselect this on the Public Interface (Security purposes).

I had lowered the windows firewall but there was a Norton Firewall that was preventing Laptop 2 from Filesharing. That now works. So both the desktop and Laptop 2 have the same issues. They get an IP, can perform Filesharing but can't connect to the internet.

Check also if is preventing Internet access or any other access to server or Dns, etc. Best practices here are for test DISABLE the Norton Firewall and test, in this way you can immediately check if this as relation

Re: AD, DHCP or maybe DNS problem?

with your
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I hope that the information above helps you

Good Luck
Jorge Silva
MCSA
Systems Administrator

"Greg P" <gsp@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:25530004-70F9-484D-A87A-26A6B823685F@xxxxxxxxxxxxxxxxxxxx

Jorge,

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Thanks,

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Greg

"Jorge Silva" wrote:

– You shouldn't have a multihomed DC.
check:

Also, make sure the internal adapter is at the top of the binding order and that File Sharing is only bound on the internal adapter.

<http://support.microsoft.com/default.aspx?scid=kb:en-us:266771>

Active Directory communication fails on multihomed domain controllers

<http://support.microsoft.com/?id=272294>

Name resolution and connectivity issues on a Routing and Remote Access Server that also runs DNS or WINS

<http://support.microsoft.com/kb/292822>

– If the machines are running SP2 you need to open the FW to File share access.

– Configure the Dns server to listen only on internal adppter (Open Dns server mmc console -> Right click on Dns server -> choose properties -> goto interfaces tab -> choose only the following IP

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Addresses, and make
sure
that
you only have the internal
interface there)

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I hope that the information
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Good Luck
Jorge Silva
MCSA
Systems Administrator

"Greg P"
<gsp@xxxxxxxxxxxxxxxxxxxx>

wrote in message
news:D1DAA442-DF0E-42DC-9725-02A55AFEF4AB@xxxxxxxxxxxxxxxxxxxx

Each client
machine is
running
Win XP
Pro.

No Proxy
devices.

I can access
the internet
from the
server.

Ipconfig on
all 4
machines:

Win 2003
Server

Windows IP
Configuration

Host Name
.....
.. : Nugget
Primary
Dns Suffix .
.....:

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sbs.net
Node Type .
.....
. : Unknown
IP Routing
Enabled. . .
..... : Yes
WINS
Proxy
Enabled. . .
..... : Yes
DNS Suffix
Search List.
..... :
sbs.net
austin.rr.com

Ethernet
adapter
Local Area
Connection:

Connection-specific
DNS Suffix
. :
austin.rr.com
Description
.....
. : NVIDIA
nForce
Networking
Controller
Physical
Address. . .
..... :
00-XX-8D-DB-16-XX
DHCP
Enabled. . .
..... :
Yes
Autoconfiguration
Enabled . . .
. : Yes
IP Address.
.....
. :
xxx.112.216.xxx
Subnet
Mask
..... :
255.255.240.0

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Default
Gateway . .
.....:
70.112.208.1
DHCP
Server
.....:
10.37.160.1
DNS
Servers
.....:
24.93.40.62
24.93.40.63
24.93.40.75
Lease
Obtained. . .
.....:
Thursday,
June 08,
2006
11:20:40
AM
Lease
Expires . . .
.....:
Thursday,
June 08,
2006
1:20:40
PM

Ethernet
adapter
Local Area
Connection
2:

Connection-specific
DNS Suffix
.:
Description
.....
.: D-Link
DFE-530TX+
PCI Fast
Ethernet
Adapter (rev.F)