

Re: AD, DHCP or maybe DNS problem?

## Re: AD, DHCP or maybe DNS problem?

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2006-06/msg00652](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-06/msg00652)

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- *From:* "Jorge Silva" <jorgesilva\_pt@xxxxxxxxxxx>
  - *Date:* Sun, 11 Jun 2006 17:53:10 +0100
- 

You are using RRAS to provide internet access right?

—

I hope that the information above helps you

Good Luck  
Jorge Silva  
MCSA  
Systems Administrator

"Greg P" <gsp@xxxxxxxxxxxxxxxxxxxx> wrote in message  
<news:01B390CF-90D6-4305-9008-8E34BE2E69E6@xxxxxxxxxxxxxxxxxxxx>

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

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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.

--

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](mailto: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 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.

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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.

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 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:

Re: AD, DHCP or maybe DNS problem?

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  
IpAddress list and place the ISP Dns server  
address -> click add ->  
restart

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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

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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 with  
your  
current problems.

--

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](mailto:news:25530004-70F9-484D-A87A-26A6B823685F@xxxxxxxxxxxxxxxxxxxx)

Jorge,

What is a multihomed DC?  
What do I need to change on  
my server to  
mave  
this  
work? Are you saying I  
shouldn't have WINS and  
DNS on the same  
computer?  
FYI I uninstalled WINS and  
see the same problem, do I  
need to  
remove  
some  
records somewhere?

As for configuring the DNS

Re: AD, DHCP or maybe DNS problem?

as you said I already had the  
interfaces  
set  
to  
only use the local nic.

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?

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.

Thanks,  
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

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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

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Dns  
server mmc  
console ->  
Right click  
on Dns  
server ->  
choose  
properties  
->  
goto  
interfaces  
tab ->  
choose only  
the  
following  
IP  
Addresses,  
and make  
sure  
that  
you only  
have the  
internal  
interface  
there)

--  
I hope that  
the  
information  
above helps  
you

Good Luck  
Jorge Silva  
MCSA  
Systems  
Administrator

"Greg P"  
<gsp@xxxxxxxxxxxxxxxxxxxx>  
wrote in  
message  
[news:D1DAA442-DF0E-42DC-9725-02A55AFEF4AB@xxxxxxxxx](mailto:news:D1DAA442-DF0E-42DC-9725-02A55AFEF4AB@xxxxxxxxx)

Each  
client  
machine  
is  
running



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

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List.

.  
. .  
. .  
. .  
:

sbs.net  
austin.rr.com

Ethernet  
adapter  
Local  
Area  
Connection:

Connection-specific  
DNS  
Suffix

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:

austin.rr.com  
Description

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NVIDIA  
nForce  
Networking  
Controller  
Physical  
Address.

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:

00-XX-8D-DB-16-XX

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DHCP  
Enabled.

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:

Yes  
Autoconfiguration  
Enabled

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:

Yes  
IP  
Address.

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. .  
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. .  
:

xxx.112.216.xxx  
Subnet  
Mask

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. .  
. .  
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:

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255.255.240.0

Default  
Gateway

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. .  
:

70.112.208.1

DHCP  
Server

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:

10.37.160.1

DNS  
Servers

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:

24.93.40.62

24.93.40.63

24.93.40.75

Lease  
Obtained.

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Thursday,  
June  
08,  
2006  
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AM  
Lease  
Expires

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:  
Thursday,  
June  
08,  
2006  
1:20:40  
PM

Ethernet  
adapter  
Local  
Area  
Connection  
2:

Connection-specific  
DNS  
Suffix

.  
:  
Description  
. .  
. .  
. .  
. .

