

Re: DHCP and companyweb problems

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-02/msg01774.html>

- *From:* Stuart <Stuart@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 9 Feb 2006 10:52:27 -0800
-

Hi David

Thanks for responding. In answer to your questions:

If the DHCP traffic is being denied by ISA which rule is it showing that is denying it?

From the Logging feature of the ISA console:

Dest IP: 255.255.255.255 (?)
Dest Port: 67
Protocol: DHCP (request)
Action: Denied connection
Rule: This is blank
Source Network: Internal
Dest Network: Local Host

Do you have the SBS Protected Networks Access Rule?

Yes

Is it enabled?

Yes

Do you have any explicit Deny rules defined?

No

SBS FTP Server Access, RDP Server Access, RDP Outbound disabled. Other wise, standard SBS from the internet connection wizard.

Any ideas?

Thanks

Re: DHCP and companyweb problems

"David Copeland [MSFT]" wrote:

Stuart,

If the DHCP traffic is being denied by ISA which rule is it showing that is denying it? Do you have the SBS Protected Networks Access Rule? Is it enabled? Do you have any explicit Deny rules defined?

Hope that helps,
David Copeland
Microsoft Small Business Server Support

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SBS Newsgroups:

SBS v4.x: microsoft.public.backoffice.smallbiz
SBS 2000: microsoft.public.backoffice.smallbiz2000
SBS 2003: microsoft.public.windows.server.sbs

"Stuart" <Stuart@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:217D44BA-F97B-4F5A-B6BD-FC12D6533349@xxxxxxxxxxxxxxxxxxxxx

Thanks for your reply. I'll answer your questions in order:

- 1) Clients have been manually set to SBS Server IP for DNS (couldn't get it working any other way)
- 2) Clients are all members of the domain – mapped drives, outlook, internet access all works but only with static IP addresses.
- 3) Ping is successful from command prompt – yes, I was surprised too!
- 4) Ping to companyweb.contoso.local. was successful
- 5) Client name is correct
- 6) PDA's – have to set up the network cards in use by the PDA to have static IPs otherwise they won't synchronise.
- 7) ipconfig /release gives the following message:

```
C:\>ipconfig /release
```

Windows IP Configuration

No operation can be performed on Local Area Connection while it has its media disconnected.

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Ethernet adapter Local Area Connection:

Media State : Media disconnected

Ethernet adapter Local Area Connection 1G:

Connection-specific DNS Suffix . :
IP Address. : 192.168.0.52
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.0.10

Ethernet adapter Activesync:

Connection-specific DNS Suffix . :
IP Address. : 0.0.0.0
Subnet Mask : 0.0.0.0
Default Gateway :

Physical Address: 00-11-5B-F6-65-3A
IP Address: 169.254.90.52
Subnet Mask: 255.255.0.0
Default Gateway:
DNS Server: 192.168.0.10
WINS Server:

And yet I have full interent access with clients on manual IPs.

Are the clients able to get DHCP addresses now? NO

[If not, you may want to go into ISA's mmc under the Monitoring/Logging and start up a live log and then try to do an ipconfig /release and ipconfig /renew on a client machine configured to use DHCP and then see if ISA a) shows the traffic and b) is it allowing or denying it? Also, if you haven't already verify that the DHCP Server/DHCP client services are running and set to automatic on the server.]

Logging shows DHCP requests being denied.

DHCP is running and has been restrtrted numerous time.

Server can reach companyweb just using http.

Any ideas gratefully received!

"David Copeland [MSFT]" wrote:

Re: DHCP and companyweb problems

Stuart,

Can you check the following on the client machines..

- 1) Are they only pointing to the SBS server for DNS?
- 2) Are they members of the SBS domain?
- 3) From a command prompt ping the name companyweb (ping companyweb) does

it

resolve? Would suspect it wouldn't at this point.

- 4) From a command prompt ping the name companyweb.contoso.local. where

the

contoso.local part is your AD domain name. (Note the trailing period on

the

end. This is to make it a fully qualified domain name)

- 5) If you right click on My Computer and select Properties, then click on

the Computer Name what does it show for the Domain Name? It should be the

same as the SBS servers AD domain name.

As far as the PDA's go were you using the Internet domain name or the servers internal name?

Are the clients able to get DHCP addresses now? If not, you may want to

go

into ISA's mmc under the Monitoring/Logging and start up a live log and

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try to do an ipconfig /release and ipconfig /renew on a client machine

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allowing or denying it? Also, if you haven't already verify that the

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Server/DHCP client services are running and set to automatic on the

server.

Hope that helps,
David Copeland

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"Stuart" <Stuart@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:55313A21-08DB-4BEB-AC6A-DCD817AE373D@xxxxxxxxxxxxxxxxxxxx

Thanks for your reply David

I checked ISA and the DHCP settings are correct. I think there may be a DNS clue here though. The PDAs couldn't connect to the server to synchronize with Exchange using the exchange server name. However, once I changed it to the IP address, they worked fine.

On the server, I can just type 'companyweb' and get to <http://companyweb/default.aspx>. This is correct.

On the clients, I type 'companyweb' and IE goes to the default search engine – it would appear it can't resolve the name. When '<https://companyweb>' is used it is all fine.

This leaves me with a small problem on 'companyweb' but I can get round that. None of the clients on the network seem to work without static IP addresses – which is a problem.

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Does this help explain better.

Great last name by the way.

Cheers

Stuart (Copeland)

"David Copeland [MSFT]" wrote:

Stuart,

With respect to the DHCP,
be sure to check in ISA
under
servername/Configuration/Networks
and double click on the
Internal
network
(on the Networks tab) and
then click on the Addresses
tab. Be sure
that
the
address range includes the
broadcast address. For
example, if you are
using
a 192.168.16.x IP range
with a subnet mask of
255.255.255.0 then the
Start
Address should be
192.168.16.0 and the End
Address would be
192.168.16.255.

For companyweb, internally
you can get to it using
<http://companyweb>
and
externally you can connect
to it using <https://fqdn:444>
correct? Then,
do
you really want users on the
Internet connecting to the
Intranet web
site
(Companyweb)

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unencrypted?

By default, the /exchange virtual directory is configured to require SSL to connect, and SBS has an ISAPI filter in IIS that will redirect a user that enters in <http://fqdn/exchange> to <https://fqdn/exchange> so that the connection will be encrypted using SSL. It should also do the same for <http://fqdn/remote> as well.

Hope that helps,
David Copeland
Microsoft Small Business
Server Support

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"Stuart"

<Stuart@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message

news:C89976F4-B6CF-44E1-9F87-7E0FB477B736@xxxxxxxxxxxxxxxxxxxx

I have
SBS2003

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SP1 with
ISA2004
SP2 and
Exchange
SP2. All
was
working
fine
but web
surfing was
slowing
down at
clients.

Re-ran the
SBS
internet
connection
wizard,
resetting the
ISP DNS
servers
to
match those
on the
router. All
other DNS
settings
point to the
SBS
box.

I
independently
restarted
DNS and
DHCP.

Web surfing
now back to
normal.
Two new
problems:

1. Can't
access the
companyweb
via http, but
can with
HTTP. I
have

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noticed
only
HTTPS is
given in the
SBS created
ISA rule. I
can access
via
HTTP
on
the
server itself.

2. I am
unable to
'repair'
client NIC
IP
addressing
to refresh
their
IP
address. I
have had to
manually
assign all IP
addresses
and DNS
settings.
i..e DHCP
no longer
seems to be
talking to
the clients
even though
it
shown
as running
on the
server.

Any help
gratefully
received.

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