

Re: AD, DHCP or maybe DNS problem?

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-06/msg00752

- *From:* Greg P <gsp@xxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 12 Jun 2006 17:16:02 -0700
-

I'm sorry I mis-typed there, if I use the firewall it doesn't work. If I uncheck the box when configuring my RRAS then it works correctly?!? This option is only available on the public interface.

I just tried to report the issue and was told to send a snail mail letter to Redmond. That's a little discouraging as I'm sure you would know. Sooooo... I guess I'll write a letter to them. I can easily replicate on this system, although I don't know what is causing it. I'm guessing this product has gone through a ton of testing and this issue would have already been resolved? I don't know what to do.

Considering I need to lower my firewalls on my clients for file sharing (which seems weird) the only option I can see is to work with ISA server which I've heard is a big headache in 2003 server but left with no other options I don't think I have a choice. I can't leave my network wide open, that is for sure.

"Jorge Silva" wrote:

Very strange....

DON'T REMOVE THE FIREWAL.

I already setup several RRAS servers and they work fine, were did you enable the Basic Firewall (In the internal Interface or in the Public Interface)?

—

I hope that the information above helps you

Good Luck
Jorge Silva
MCSA
Systems Administrator

"Greg P" <gsp@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:6E45E005-53B4-4674-9196-0198A6449A17@xxxxxxxxxxxxxxxxxxxx

Re: AD, DHCP or maybe DNS problem?

Jorge,

It works!! and this has to be a bug!!! When configuring RRAS if I have the RRAS firewall enabled I have the problem, If i remove the basic firewall when configuring RRAS it doesn't work.

Why this only effect the two other computers and not my laptop makes no sense to me, although there has to be a reason. But this has to be a bug, if the firewall doesn't allow certain clients to receive the reply from the web site, dont' you think?

Thanks,

"Jorge Silva" wrote:

Check if you have nay filters enabled on the RRAS server.

--

I hope that the information above helps you

Good Luck
Jorge Silva
MCSA
Systems Administrator

"Greg P" <gsp@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:11E781ED-0DBA-41F7-86C7-63DDD5A9CB17@xxxxxxxxxxxxxxxxxxxx

FYI I did ping my Gateway (the external nic on my server) and was sucessful.

I realized you might need to know that.

"Greg P" wrote:

Yes I am using Remote Access to access the internet. All of your suggustions worked (got a responce) and my trace gets out to MSN, but internet still doesn't work. 192..168.10.1 is my server 192.168.10.3 is

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my desktop
(the
one
I ran the trace on, but can't
use the internet on) below
are my pings
and
trace.

Microsoft Windows XP
[Version 5.1.2600]
(C) Copyright 1985–2001
Microsoft Corp.

C:\Documents and
Settings\gperrego>ping
127.0.0.1

Pinging 127.0.0.1 with 32
bytes of data:

Reply from 127.0.0.1:
bytes=32 time<1ms
TTL=128
Reply from 127.0.0.1:
bytes=32 time<1ms
TTL=128
Reply from 127.0.0.1:
bytes=32 time<1ms
TTL=128
Reply from 127.0.0.1:
bytes=32 time<1ms
TTL=128

Ping statistics for 127.0.0.1:
Packets: Sent = 4, Received
= 4, Lost = 0 (0% loss),
Approximate round trip
times in milli-seconds:
Minimum = 0ms, Maximum
= 0ms, Average = 0ms

C:\Documents and
Settings\gperrego>ping
192.168.10.1

Pinging 192.168.10.1 with
32 bytes of data:

Reply from 192.168.10.1:
bytes=32 time=101ms

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```
TTL=128
Reply from 192.168.10.1:
bytes=32 time=174ms
TTL=128
Reply from 192.168.10.1:
bytes=32 time=1ms
TTL=128
Reply from 192.168.10.1:
bytes=32 time=1ms
TTL=128
```

```
Ping statistics for
192.168.10.1:
Packets: Sent = 4, Received
= 4, Lost = 0 (0% loss),
Approximate round trip
times in milli-seconds:
Minimum = 1ms, Maximum
= 174ms, Average = 69ms
```

```
C:\Documents and
Settings\gperrego>ping
192.168.10.3
```

```
Pinging 192.168.10.3 with
32 bytes of data:
```

```
Reply from 192.168.10.3:
bytes=32 time<1ms
TTL=128
Reply from 192.168.10.3:
bytes=32 time<1ms
TTL=128
Reply from 192.168.10.3:
bytes=32 time<1ms
TTL=128
Reply from 192.168.10.3:
bytes=32 time<1ms
TTL=128
```

```
Ping statistics for
192.168.10.3:
Packets: Sent = 4, Received
= 4, Lost = 0 (0% loss),
Approximate round trip
times in milli-seconds:
Minimum = 0ms, Maximum
= 0ms, Average = 0ms
```

```
C:\Documents and
Settings\gperrego>ping
```

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192.168.10.2

Pinging 192.168.10.2 with
32 bytes of data:

Reply from 192.168.10.2:

bytes=32 time<1ms

TTL=128

Reply from 192.168.10.2:

bytes=32 time<1ms

TTL=128

Reply from 192.168.10.2:

bytes=32 time<1ms

TTL=128

Reply from 192.168.10.2:

bytes=32 time<1ms

TTL=128

Ping statistics for

192.168.10.2:

Packets: Sent = 4, Received

= 4, Lost = 0 (0% loss),

Approximate round trip

times in milli-seconds:

Minimum = 0ms, Maximum

= 0ms, Average = 0ms

C:\Documents and

Settings\gperrego>tracert

www.microsoft.com

Tracing route to

lb1.www.ms.akadns.net

[207.46.199.30]

over a maximum of 30 hops:

1 1 ms 1 ms 1 ms

nugget.sbs.net

[192.168.10.1]

2 7 ms 8 ms 8 ms

10.37.160.1

3 8 ms 8 ms 8 ms

gig0-2.austtxa-ubr7.austin.rr.com

[24.27.12.81]

4 9 ms 9 ms 7 ms

gig2-3.austtxa-rtr1.austin.rr.com

[24.27.12.85]

5 18 ms 10 ms 9 ms

srp0-0.austtxrdc-rtr2.austin.rr.com

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```
[24.27.12.34
]
6 9 ms 8 ms 9 ms
pos1-0.austtxrdc-rtr4.texas.rr.com
[66.68.1.110]

7 17 ms 18 ms 16 ms
son0-0-0.hstqtxl3-rtr1.texas.rr.com
[24.93.33.15
3]
8 18 ms 17 ms 16 ms
4.79.88.21
9 16 ms 16 ms 18 ms
ge-2-0-0.mp1.Houston1.Level3.net
[4.68.97.241]
10 172 ms 110 ms 60 ms
as-1-0.mp2.Seattle1.Level3.net
[209.247.10.133]

11 61 ms 61 ms 59 ms
ge-2-0-0-52.gar1.Seattle1.Level3.net
[4.68.105.4
1]
12 60 ms 61 ms 62 ms
65.59.235.6
13 94 ms 62 ms 62 ms
207.46.37.225
14 62 ms 61 ms 63 ms
pos1-0.tuk-12ix-1b.ntwk.msn.net
[207.46.36.146]

15 60 ms 62 ms 62 ms
pos1-0.tke-12ix-1b.ntwk.msn.net
[207.46.155.5]
16 60 ms 60 ms 60 ms
po10.tuk-65ns-mcs-1a.ntwk.msn.net
[207.46.224.15
1]
17 * ^C
C:\Documents and
Settings\gperrego>
```

"Jorge Silva" wrote:

```
The request
TimesOut
-> normal,
the servers
in the
internet
```

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won't
reply
to
ping requests
because
they are
protected by
firewalls.

Basic Steps
to
troubleshoot
are:

1. Ping the
loopback
address to
verify that
TCP/IP is
installed
and
configured
correctly on
the local
computer.
To perform
this step,
enter
ping
127.0.0.1 at
a command
prompt.

If the
loopback
step fails,
the IP stack
is not
responding.
This
problem
might be
occurring
because the
TCP drivers
are
corrupted,
the
network
adapter
might not

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be working,
or another
service
might be
interfering
with
IP.

2. Ping the
IP address
of the local
computer to
verify that
an
address
has
been added
correctly.
To perform
this step,
enter ping
<IP address
of
local
host> at a
command
prompt.

3. Ping the
IP address
of the
default
gateway.
This step
verifies
that
the
default
gateway is
reachable
and that the
local host
can
communicate
with
another host
on the

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network. To perform this step, enter ping <IP address of default gateway> at a command prompt.

Then you can use Tracert which is a route-tracing utility that allows you to track the path of a forwarded packet from router to router for up to 30 hops. Tracert works by sending ICMP echo requests to an IP address, while incrementing the Time to Live (TTL) field in the IP header, starting at 1, and analyzing the ICMP errors that are returned.

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Tracert
prints out
an
ordered list
of the
routers in
the path that
returned
these error
messages.

Type on
command
prompt:
<tracert
www.microsoft.com>
press enter

--
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@xxxxxxxxxxxx

Jorge,

I
reset
internet
options
to
no
avail.
One
thing
i'm

Re: AD, DHCP or maybe DNS problem?

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

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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

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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-B77978A81

Jorge,

Unfortunately
I'm
in
the
same
spot
that

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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