

Re: Cannot connect through ISA Server to www.microsoft.com, but can connect via IP address

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Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-02/msg02764.html>

- *From:* "Claus" <cjobes@xxxxxxxxxxxxxx>
 - *Date:* Wed, 20 Feb 2008 00:22:38 -0500
-

Paul,

I just jump in here as I had something very similar at one client. Leave all NICs at GB speed. Go into your managed switch and change all ports that have workstations with GB NICs connected from AUTO to 1000.

—

Claus

"Paul Shapiro" <paul@xxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:OBgxJO3cIHA.4696@xxxxxxxxxxxxxxxxxxxxxxxxxx>

The only 100Mb switch I have is currently being used by a client. I tried setting the SBS lan port to 100Mb on the managed switch. No change. I also tried setting one of the gigabit workstation ports to 100Mb, and again no change.

"Jim Behning SBS MVP" <jimbehning@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:b48nr3ld95hacprne1inimgg7ksmjim32im@xxxxxxxxxx>

I tried the 12.4 recently on a new motherboard with no luck. this would be a 5000 series motherboard which is new.

So what happens when the server and the workstations are on the same 100Mb switch?

On Tue, 19 Feb 2008 21:32:26 -0500, "Paul Shapiro" <paul@xxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

I've thought some more about this. The common elements are:

- a) All workstations with a gigabit network adapter are affected, and none of the workstations with 100Mb.

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- b) The gigabit workstations work fine when they bypass the server's LAN and go directly to the firewall.
- c) The server's external nic works fine– browsing from the server is good.

The thing that's left is the server's lan nic, which is an onboard Intel Pro/1000 CT nic. I've tried updating it's drivers, but Intel's website is not very cooperative. It keeps suggesting I need to check with the motherboard manufacturer. That would be ok, but it's an Intel motherboard, Intel Entry Server Board SE7210TP1–E. Intel's web page for that board only offers drivers from 2004.

My current driver version is 8.9.1.0. Intel's nic drivers seem to be up to versions more like 12.4, but I can't find it on their site for this motherboard or this nic. There are some links, but they all lead to errors instead of downloads. This is the last Intel motherboard I purchase. They seem to have a habit of dropping support when they're ready to move on to the next newer product. I've seen it for too many years in too many different product lines.

Any suggestions? Any recommended well–supported pcix or pci Ethernet cards?

"Les Connor [SBS MVP]" <les.connor@xxxxxxxxxxxx>
wrote in message
news:44405600-F026-48C8-8A9F-4F6928515871@xxxxxxxxxxxxxxxxxxxx

Any commonality to things like NICs in the problem children? Fancy stuff, offloading etc?

Dang, it just doesn't look like a server side

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issue when not *all*
workstations are affected. Know what I
mean?

How about a different tack – is it user
specific in any way?

Or, if workstation specific – all ISA clients
at the same version
level?

IE configs | Advanced – thinks like HTTP
1.1 enabled? Any differences
seen
there?

Just dumping stuff out now – sorry about
that.

--

Les Connor [SBS MVP]

Get the SBS BPA here:

<http://support.microsoft.com/kb/940439/en-us>

"Paul Shapiro"

<paul@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote
in message

news:utaRGBpcIHA.5712@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Clearing temp files didn't
make a difference.

"Les Connor [SBS MVP]"

<les.connor@xxxxxxxxxxxx>
wrote in message

news:uGnzCYocIHA.748@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

clear temp
files in IE in
the problem
children?

--

Les Connor
[SBS MVP]

Get the SBS

BPA here:

<http://support.microsoft.com/kb/940439/en-us>

"Paul
Shapiro"
<paul@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in
message
news:eGCcCTocIHA.1132@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

- a)
I
ran
the
SBS
BPA
and
the
ISA
BPA.
No
issues.
- b)
EDNS0
was
disabled.
- c)
Shortly
after
the
initial
system
setup
2
1/2
years
ago
I
enabled
the
PMTU
that
ISA
Server
installation
disabled.
Internet
connections
are
generally
fine.
I

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can
browse
successfully
to
MS
web
from
IE
on
the
server,
but
it
almost
always
times
out
from
some
workstations.
d)
ISA
caching
is
disabled.
e)
ISA
rules
haven't
been
touched
in
about
6
months.
This
problem
only
started
about
a
month
ago.
There
aren't
many
custom
rules,
and
they
look

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ok.
ISA
allows
the
connection,
but
it
times
out
before
completing
succesfully.

"Les
Connor
[SBS
MVP]"
<les.connor@xxxxxxxxxxxx>

wrote
in
message
news:492887BB-C678-4C65-9809-8865B66EA3CD@xxx

I
haven't
read
much
of
the
thread,
but
have
we
looked
at
these
things:

- a)
SBS
BPA
(link
in
my
signature,
below).
- b)
EDNS0
(should
be
identified

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by
BPA)
c)
MTU
(Black
hole
router
detection,
search
MS
KB
for
"black
hole
router"
d)
Bad
ISA
cache
e)
Custom
rules/order
in
ISA?
This
can
be
hit
with
a
big
hammer
–
back
up
your
ISA
config,
delete
all
rules,
and
run
CEICW
to
rebuild.
Or,
it
can
be
done

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more
slowly,
but
start
by
disabling
any
custom
rules.

--
Les
Connor
[SBS
MVP]

Get
the
SBS
BPA
here:
<http://support.microsoft.com/kb/940439/en-us>

"J.
M.
De
Moor"
<papajoe.nospam@xxxxxxxxxx>
wrote
in
message
<news:%2385FDencIHA.2688@xxxxxxxxxxxxxxxxxxxx>

Paul

Wow.
If
I
go
to
MS,
I
get
at
least
a
dozen
entries
(both

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proxy
and
firewall).
If
you
have
the
standard
rules,
the
"SBS
Protected
Networks
Access
Rule"
should
have
fired
for
DNS
to
work
between
your
workstation
and
SBS
(remember
that
ISA
also
protects
itself
from
the
internal
network).

As
it
stands,
the
"SBS
Microsoft
Update
Sites
Access
Rule"
should
NOT
fail

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for
www.microsoft.com,
as
it
did
here.

(Your
log
entries
look
different
from
what
I
am
used
to...but
it
sounds
like
you
are
completely
patched.
What
ISA
2004
version
info
does
your
system
show?)

Does
this
situation
change
whether
or
not
you
set
your
browser
to
use
a
proxy,
or

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whether
you
use
IE
or
another
browser
like
Firefox?

If
you
have
tried
all
these
things,
then
it
may
be
time
to
call
PSS.
It
costs,
but
the
MS
ISA
people
have
solved
problems
for
me
both
times
I
have
had
to
use
them.

You
might
also
consider
posting

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on
Shinder's
isaserver.org.
Pretty
good
help
over
there
(although
Shinder
advocates
that
ISA
should
be
on
a
separate
box).