

Re: Network intermittently dropping the connection to shared files on server

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-02/msg01248.html>

- *From:* "Jon Lewis" <jon.lewis@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 8 Feb 2007 22:07:46 -0000
-

Well OK Marina, I can do that but this is a usb modem provided by the ISP, we're running Exchange & ISA and non of the clients are having any issues with web access, remote access to the server or email and this is exactly what we were using with our SBS2000 server with no problems. Do you really think this has a bearing on connections to files on the hard disk? Also the error relates to the static IP address provided by the ISP, how will a router effect this?

Many thanks

"Marina Roos [SBS-MVP]" <marina@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:OUMJ1b7SHHA.1212@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Hi Jon,

Wrong, it IS related. You are using a PPP connection to the ISP. Do yourself a favor and put a cheap router that will create the internet connection.

—

Regards,

Marina Roos
Microsoft SBS-MVP
One of the Magical M&M's
www.smallbizserver.net
Take part in SBS forum:
<http://www.smallbizserver.net/Default.aspx?tabid=53>

"Jon Lewis @btinternet.com" <jon.lewis@btinternet.com> schreef in bericht [news:eBvCw\\$6SHHA.388@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:eBvCw$6SHHA.388@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Hi Marina

IPConfigs below:

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BTW, I'm pretty sure this is not related but the following error event concerning the external static IP address provided by our ISP gets regularly repeated (but not at times related to the file disconnections) but just in case.....

Event Type: Error
Event Source: Microsoft Firewall
Event Category: None
Event ID: 14147
Date: 08/02/07
Time: 17:23:31
User: N/A
Computer: DELLSERVER

Description:
ISA Server detected routes through adapter Loopback that do not correlate with the network element to which this adapter belongs. For best practice, the address range of an ISA Server network should match the address ranges routable through the associated network adapter as defined in the routing table. Otherwise valid packets may be dropped as spoofed. (This alert may occur momentarily when you create a remote site network. You may safely ignore this message if it does not reoccur.) The address ranges in conflict are: 81.130.202.78–81.130.202.78;. For more information, see Help and Support Center at <http://go.microsoft.com/fwlink/events.asp>.

IPCONFIG/ALL's

SERVER:

Windows IP Configuration

Host Name : DELLSERVER
Primary Dns Suffix : springstar.local
Node Type : Hybrid
IP Routing Enabled. : Yes
WINS Proxy Enabled. : No
DNS Suffix Search List. : springstar.local

Ethernet adapter Server Local Area Connection:

Connection-specific DNS Suffix . :
Description : Broadcom NetXtreme Gigabit Ethernet
Physical Address. : 00-15-C5-F6-1C-EE
DHCP Enabled. : No
IP Address. : 192.168.16.2
Subnet Mask : 255.255.255.0

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Default Gateway :
DNS Servers : 192.168.16.2
Primary WINS Server : 192.168.16.2

PPP adapter BTopenworld:

Connection-specific DNS Suffix . :
Description : WAN (PPP/SLIP) Interface
Physical Address. : 00-53-45-00-00-00
DHCP Enabled. : No
IP Address. : 81.130.202.78
Subnet Mask : 255.255.255.255
Default Gateway : 81.130.202.78
DNS Servers : 194.74.65.68
194.74.65.69

CLIENT:

Windows IP Configuration

Host Name : DIRECTOR
Primary Dns Suffix : springstar.local
Node Type : Hybrid
IP Routing Enabled. : No
WINS Proxy Enabled. : No
DNS Suffix Search List. : springstar.local
springstar.local

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : springstar.local
Description : Intel(R) PRO/1000 PL Network
Connection
Physical Address. : 00-13-72-08-10-F9
Dhcp Enabled. : Yes
Autoconfiguration Enabled : Yes
IP Address. : 192.168.16.12
Subnet Mask : 255.255.255.0
Default Gateway : 192.168.16.2
DHCP Server : 192.168.16.2
DNS Servers : 192.168.16.2
Primary WINS Server : 192.168.16.2
Lease Obtained. : 08 February 2007 17:24:10
Lease Expires : 16 February 2007 17:24:10

Many thanks

"Marina Roos [SBS-MVP]" <marina@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in

message

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I don't recommend that.
VSS is very handy. You can
enable it and set
the
schedule as you wish, but I
wouldn't think it was the
cause of the

problem

anyway.

The server
has a
mirrored
SATA two
hard
discdrive
setup. I
wouldn't
know the
technicalities
of how that
works but
Dell have
said it

can't

be the cause
of the
problem.

The
network
patch cables
and hub
have not
been
changed,
just the
server. It's a
small
Server plus
4 Client
W/S set up
in one
office.

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Lewis"
<jon.lewis<nospam>@btinternet.com>
wrote:

Hi

We
have
a
small
network
<
5
clients
connected
to
a
new
Dell
PowerEdge
server
with
integrated
Broadcom
NetXtreme
(not
NetXtreme
II)
NIC
running
SBS
2003.
The
previous
server
was
a
Dell
running
SBS2000.
Apart
from
replacing
the
server,
the
topology
of
the
network
is

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exactly
the
same
as
it
was
previously.

Two
shared
files
on
the
server
are
accessed
often
by
client
applications.
An
Access
mdb
file
and
a
QuickBooks
data
file.

There

have
been
no
previous
problems
with
these
files
but
since
the
new
server
has
been
installed,
intermittently,
the
client

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apps
report
that
the
connections
to
the
files
are
lost.
This
happens
on
more
than
one
w/s
and
with
both
client
apps
at
the
same
time
so
clearly
the
problem
is
at
the
server.
The
connections
can
be
restored
immediately
by
restarting
the
apps
so
the
problem
appears
to
be
a

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momentary
lost
of
connectivity.
This
is
the
only
manifestation
of
the
problem
that
I
am
aware
but
there
may
be
more.

I'm
aware
that
there
is
an
issue
with
a
certain
model
of
Broadcom
integrated
NIC
used
by
Dell
but
they
are
adamant
that
it's
not
the
NetXtreme.

Having

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said
that,
Dell
have
replaced
the
NIC
(and
motherboard)
but
the
problem
persists.
We've
also
run
various
Dell
diagnostic

tools

which
cast
no
light
on
the
situation.

Other
than
installing
a
separate
NIC
(which
Dell
won't
do)
has
anyone
any
ideas
to
diagnose
or
solve
the
problem

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TIA

Do
you
know
if
VSS
is
turned
on
on
the
drive
that
hosts
the

shares???

If
it
is,
turn
it
off,
or
change
the
snapshot
time
(right
click
on
drive
in
my
computer
and
select
'show
copies
tab),
and
see
if
that
helps.
If
there
is

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no
consistency
to
itm
there
could
potentially
be
loads
of
things
to
check,
including
the
patch
cables
in
your

switch,

or
the
ports
on
the
switch.
Is
it
only
specific
users?
located
in
specific
office?
is
it
certain
times
of
day?

If
you
can
give
more
info,
then

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may
be
able
to
help
more.

Dominic