

Re: stuck tcp connections 2.6.26-rc7

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-06/msg09869.html>

- *From:* "Justin Mattock" <justinmattock@xxxxxxxx>
 - *Date:* Wed, 25 Jun 2008 16:22:28 +0000
-

On Wed, Jun 25, 2008 at 3:16 PM, Ray Lee <ray-lk@xxxxxxxxxxxxxx> wrote:

On Tue, Jun 24, 2008 at 11:25 PM, Justin Mattock
<justinmattock@xxxxxxxx> wrote:

On Tue, Jun 24, 2008 at 8:03 PM, Justin Mattock
<justinmattock@xxxxxxxx> wrote:

On Tue, Jun 24, 2008 at 5:16 PM, Ray Lee
<ray-lk@xxxxxxxxxxxxxx> wrote:

2008/6/23 Justin Mattock
<justinmattock@xxxxxxxx>:

On Mon, Jun 23, 2008 at
5:04 PM, Didier Raboud
<didier@xxxxxxxx>
wrote:

-----BEGIN
PGP
SIGNED
MESSAGE-----
Hash:
SHA1

Justin
Mattock
wrote:

On
Mon,
Jun
23,
2008
at
3:59
AM,

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Andrew
Morton
<akpm@xxxxxxxxxxxxxxxxxxxxxx>
wrote:

On
Sun,
22
Jun
2008
18:09:16
+0000
"Justin
Mattock"
<justinmattock@xxxxxxxx>
wrote:

Hello;
I
too
am
experiencing
internet
connectivity
problems,
for
a
while
I
thought
It
was
due
to
low
bandwidth(or
being
ddos
attacked)
but
yesterday
I
noticed
with
watch
netstat
-ntu
send-Q
was
stuck

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on
a
number;
the
connection
would
not
go
to
TIME_WAIT
resulting
in
music
to
pause,
and
t.v.
to
freeze.
In
my
experiences
running
xmms
streaming
music
is
fine,
no
problems,
but
as
soon
as
you
watch
something
with
flash
player
the
stream
start's
getting
really
bad.
In
the
past
with
older

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kernel's
I
usually
can
watch
t.v.(with
flash)
and
stream
music
at
the
same
time
without
any
trouble.
lately
I've
been
Running
the
kernel
in
No
forced
Preemption
with
a
time
frequency
at
100.
having
the
kernel
set
in
this
mode
really
shows
the
connection
problems,
but
if
I
change
the
preemption

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to
another,
and
bump
up
the
timer
frequency
the
poor
internet
connection
is
not
as
bad(or
stuck
tcp)
but
still
prevalent.
more
pops
in
the
music,
and
sudden
internet
loss
for
around
five
seconds,
then
goes
back
So
from
over
here
streaming
music
has
no
problems
from
what
I
can
see,

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but
as
soon
as
I
watch
media,
it
becomes
a
mess.

(cc
netdev)

Cool,
Thanks
for
sending
the
cc
regards;

Hi,

I get
something
like a
similar bug:
when
pinging my
local
gateway, I
lose
packets
(over wifi
(iw13945)).
Before the
update to
2.6.26-rc7
(Debian), I
had no such
issues
(which
makes
Internet

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browsing
working but
weirdly).

I can't know
for sure that
my bug is
related to
the above,
but suppose
so.
Please ask
for details !

Regards,

Didier
Raboud

--

Cool;(cool as in I'm not the
only one,not cool for sh*%y
internet connections)
there is something definitely
happening with the tcp
connection.,
After looking more at the
situation
I get a good connection
when just streaming music,
but as soon as I
watch with flash or even
search through firefox
I'm getting a dead period of
no internet, and then a few
seconds later
no problems.Almost as if
some timer in the code is
missing something
or not firing off at the right
time.
At this point I'm still
uncertain with what is
happening.
regards;

If you leave a ping running as root to your
local gateway from a
console (nice -n -10 ping -i 0.5

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192.168.1.1

or whichever ip), does it show dropouts?

I'll give that a try and see what happens.
regards;

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Justin P. Mattock

Hmm, well I really don't know what to say with the tcp connection(issue), It seems to go in and out of phases i.g. at first running music, and t.v.(through flash) there's moments of pauses,(around 5 secs or so) then after a while the tcp seems to even itself out, but then after a while(5min or so) the same pauses begin. Maybe due to some missing packet, or some deadlock if this is proper to say.

On my system, I've noticed that the flashplugin can manage to starve other processes in a pure scheduler sort of way, so you might try running latencytop to see if there's some sort of issue there. OTOH, I've noticed firefox itself hang for 3-15 seconds in the middle of a read (just as you describe), with nothing else going on in the system, so <shrug>. I've been blaming firefox, but I could be wrong.

I agree, after playing around with different applications I'm noticing this around firefox and flash as well.

When watching T.V. through mplayer there is no problem at all i.g. having three T.V. stations playing all at once plus music streaming gives me no errors or pauses at all, not even any pops in the music.

But as soon as I load firefox the pauses occur, and so forth(usually have to restart firefox a couple of times to have it run smooth).

Maybe there is something in about:config that can resolve this(I'll have to look into it)

regards;

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Justin P. Mattock

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