Subject: Re: TCP Packets get lost under moderate network load
Posted by klathor on Fri, 23 Jan 2009 13:52:40 GMT
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Quote:
Quote:
-Out of desperation I turned off iptables entirely (no rules, no modules loaded)
on both the HN & VPS, which appeared to clear up everything.
-The issue reappears with iptables turned ON on the HN but turned OFF on the VPS
(IPTABLES="" in /etc/vz/vz.conf).

Sorry, I didn't catch you. Why doesn't this mean that the problem is because of the iptables rules
on the HN?

Actually that's a good question... I assumed the rules were ok since they're pretty simple and the
problems aren't constant. I will try another test with just the modules loaded and no rules.

Quote:
Quote:
tcpdump (same thing seen on HN and VPS)

Are you sure that we get exactly the same output inside VPS?

I haven't done dumps simultaneously on the HN and VPS, but I do see the same behavior either
way (syn+ack sent multiple times, responding ack ignored). I can do dumps simultaneously if you
wish.

Quote:
Is there anything in logs or in dmesg?

The only thing I see are the infamous "Orphaned socket dropped" messages in dmesg. They start
about 2-3 mins after the SYN_RECV states start to pile up and repeat a lot.

Quote:
could you please attach the full output of /proc/user_beancounters?
And please attach the output of the following files:

- /proc/net/netstat
- /proc/net/softnet_stat
- /proc/net/snmp
- /proc/net/sockstat

but not as is. Could you please collect information in the dynamics i.e. when a problem appears
collect information to obtain what changes and what kind of errors increase.

P.S. You'd better attach the requested information to your bug report instead of attaching here.
Will do. Unfortunately I'm out of the office till Monday but I'll get to it asap.

Thank you very much for the help.
-JayKim