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Md Abdullah Al Ha

**Stephen Hemminger** <stephen@networkplumber.org>

to Islam, shemminger, netdev, edumazet



Thanks for reporting the problem. The original code used 32 bit values and got converted to 64 bit time values when it went to using ktime.

Your patch fixes the problem, and lets go with it.
The other alternative would be to make sigma s64 but then it would could cause unnecessary 64 bit modulus here.

Reviewed-by: Stephen Hemminger <stephen@networkplumber.org>

**David Miller** davem@davemloft.net [via](#) vger.kernel.org

to mislam4, shemminger, netdev, edumazet

From: "Md. Islam" <mislam4@kent.edu>

Date: Tue, 6 Feb 2018 23:14:18 -0500

> In Kernel 4.15.0+, Netem does not work properly.

>

> Netem setup:

>

> tc qdisc add dev h1-eth0 root handle 1: netem delay 10ms 2ms

>

> Result:

...

> (rnd % (2 * sigma)) - sigma was overflowing s32. After applying the
> patch, I found following output which is desirable.

Applied.



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