
Subject: Re: [PATCH netdev] "wrong timeout value" in sk_wait_data() v2
Posted by [davem](#) on Thu, 24 May 2007 23:59:47 GMT

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From: Vasily Averin <vvs@sw.ru>

Date: Thu, 24 May 2007 09:23:14 +0400

> sys_setsockopt() do not check properly timeout values for
> SO_RCVTIMEO/SO_SNDTIMEO, for example it's possible to set negative timeout
> values. POSIX do not defines behaviour for sys_setsockopt in case negative
> timeouts, but requires that setsockopt() shall fail with -EDOM if the send and
> receive timeout values are too big to fit into the timeout fields in the socket
> structure.
> In current implementation negative timeout can lead to error messages like
> "schedule_timeout: wrong timeout value".
>
> Proposed patch:
> - checks tv_usec and returns -EDOM if it is wrong
> - do not allows to set negative timeout values (sets 0 instead) and outputs
> ratelimited information message about such attempts.
>
> Signed-Off-By: Vasily Averin <vvs@sw.ru>

Thank you for this bug fix, patch applied.
