Subject: Re: [PATCH 1/5] rtnl_unlock cleanups
Posted by davem on Thu, 11 Oct 2007 04:13:06 GMT
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From: "Denis V. Lunev" <den@openvz.org>
Date: Fri, 5 Oct 2007 18:44:14 +0400

> There is no need to process outstanding netlink user->kernel packets
> during rtnl_unlock now. There is no rtnl_trylock in the rtnetlink_rcv
> anymore.
>
> Normal code path is the following:
> netlink_sendmsg
>   netlink_unicast
>   netlink_sendskb
>   skb_queue_tail
>   netlink_data_ready
>   rtnetlink_rcv
>   mutex_lock(&rtnl_mutex);
>   netlink_run_queue(sk, qlen, &rtnetlink_rcv_msg);
>   mutex_unlock(&rtnl_mutex);
>
> So, it is possible, that packets can be present in the rtnl->sk_receive_queue
> during rtnl_unlock, but there is no need to process them at that moment as
> rtnetlink_rcv for that packet is pending.
>
> Signed-off-by: Denis V. Lunev <den@openvz.org>
> Acked-by: Alexey Kuznetsov <kuznet@ms2.inr.ac.ru>

Applied.