Subject: Re: Re: [PATCH 5/5] make netlink user -> kernel interface synchronious
Posted by dlunev on Fri, 05 Oct 2007 16:55:24 GMT
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Patrick McHardy wrote:
> Denis V. Lunev wrote:
>> This patch make processing netlink user -> kernel messages synchronious.
>> This change was inspired by the talk with Alexey Kuznetsov about current
>> netlink messages processing. He says that he was badly wrong when introduced
>> asynchronious user -> kernel communication.
>>
>> The call netlink_unicast is the only path to send message to the kernel
>> netlink socket. But, unfortunately, it is also used to send data to the
>> user.
>>
>> Before this change the user message has been attached to the socket queue
>> and sk->sk_data_ready was called. The process has been blocked until all
>> pending messages were processed. The bad thing is that this processing
>> may occur in the arbitrary process context.
>>
>> This patch changes nlk->data_ready callback to get 1 skb and force packet
>> processing right in the netlink_unicast.
>
>
> I guess the process credential stuff in netlink_skb_params can now
> be removed as well.

Yes, but I think the patch should be tested by more people before.

Regards,
    Den