Subject: Re: net namespace plans for 2.6.25 (was Re: Pid namespaces problems)
Posted by Daniel Lezcano on Thu, 08 Nov 2007 13:45:33 GMT
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Denis V. Lunev wrote:
> Daniel Lezcano wrote:
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>>> Daniel Lezcano wrote:
>>>
>>>> * the first one is the locking of the network namespace list by
>>>> rtnl_lock, so from the timer callback we can not browse the network
>>>> namespace list to check the age of the routes. It is a problem I would
>>>> like to talk with Denis if he has time
>>> From my point of view, the situation is clear. The timer should be
>>> per/namespace. The situation is completely different as one in IPv4.
>> We thought to make a timer per namespace for ipv6, but we are a little
>> afraid for the performances when there will be a lot of containers.
>> Anyway, we can do a timer per namespace and optimize that later. I will
>> cook a new patch to take into account that for the next week.
>
> IMHO not a problem. tcp_write_timer is per/socket timer. If this works
> efficiently, per/namespace one will work also.

That's right, this is a good argument. By the way, the amount of work to
be done in the tcp_write_timer is perhaps smaller than the one done in
the ipv6 routing age check, no ? Anyway, I'm not against a timer per
namespace in this case, I already did a try before rolling back to a
for_each_net in the gc timer, that changes a little the API, but nothing
we can handle easily.

_____
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