Subject: Re: [PATCH] [NETNS49] support for per/namespace routing cache cleanup
Posted by Daniel Lezcano on Fri, 19 Oct 2007 07:39:24 GMT
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Denis V. Lunev wrote:
> Benjamin Thery wrote:
>> Denis V. Lunev wrote:
>>> Daniel Lezcano wrote:
>>>> Oh, by the way, I forgot something important you spotted with the list
>>>> protected by the mutex.
>>>>
>>>> When looking at ipv6/fib_hash.c with Benjamin, we need to browse the
>>>> network namespaces list for the garbage collecting, but we are in an
>>>> interrupt handler, so I can not use rtnl_lock.
>>> where exactly....
>>
>> Actually, it is in net/ipv6/ip6_fib.c, in fib6_clean_all().
>>
>> fib6_clean_all() is called by fib6_run_gc() handler of the
>> ip6_fib_timer. If we don't want to have one such timer per net
>> namespace, in fib6_clean_all() we have to go through all net to clean
>> their own
>> fib_table_hash (using for_each_net() protected by rtnl_lock).
>
> after careful thinking, one timer per/namespace looks better for me :)

So you prefer to have multiple timers flushing a portion of a shared
routing cache ?

It is not impossible I already tryed that for ipv6. it will just touch
much more files.

If we want, at all costs, to have the routing cache flushed per
namespace, I am much more favorable to have a timer per namespace than
using the algorithm you sent previously.