
Subject: Re: [PATCH] [NETNS49] support for per/namespace routing cache cleanup

Posted by [Daniel Lezcano](#) on Fri, 19 Oct 2007 07:39:06 GMT

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Denis V. Lunev wrote:

> Benjamin Thery wrote:

>> 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 :)

>>

>> Why? :)

>> Then you'll have to find a way pass the target net to fib6_run_gc()

>> (the timer handler). current->nsproxy->net_ns won't work :)

>

> sorry for spam :) forget to mention that the namespace can be passed via

> timer data :) yes - additional structure will be required

>

> By the way, why do you, guys, so dislike our approach :) In that case

> there will be no problem to get context from current. Yes. In soft

> interrupt also :))

the approach of the patchset is : we don't use current->nsproxy->net_ns.
