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

Posted by [dlunev](#) on Thu, 18 Oct 2007 19:03:35 GMT

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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 :))
