

Re: RCU latency regression in 2.6.16-rc1

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-01/msg09083.html>

- *From:* Lee Revell <rlrevell@xxxxxxxxxxx>
 - *Date:* Tue, 24 Jan 2006 03:07:58 -0500
-

On Tue, 2006-01-24 at 09:01 +0100, Ingo Molnar wrote:

> * Lee Revell <rlrevell@xxxxxxxxxxx> wrote:

>

>> On Tue, 2006-01-24 at 08:56 +0100, Ingo Molnar wrote:

>>> * Lee Revell <rlrevell@xxxxxxxxxxx> wrote:

>>>>

>>>>> I ported the latency tracer to 2.6.16 and got this 13ms latency within
>>>>> a few hours. This is a regression from 2.6.15.

>>>>>

>>>>> It appears that RCU can invoke `ipv4_dst_destroy` thousands of times in
>>>>> a single batch.

>>>>

>>> could you try the PREEMPT_RCU patch below?

>>

>> Sure. If it works do you see this making it in 2.6.16? Otherwise we
>> still would have a regression...

>

> nope, that likely wont make v2.6.16, which is frozen already.

>

How about just lowering `maxbatch` to 1000?

Lee

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Please read the FAQ at <http://www.tux.org/lkml/>

- *Follow-Ups:*
 - ◆ ***Re: RCU latency regression in 2.6.16-rc1***
◇ *From:* Ingo Molnar
- *References:*
 - ◆ ***RCU latency regression in 2.6.16-rc1***
◇ *From:* Lee Revell

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- Prev by Date: **Re: RCU latency regression in 2.6.16-rc1**
- Next by Date: