

Re: Netconsole & sungem: hang when link down

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-10/1397.html>

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To: Benjamin Herrenschmidt <benh@kernel.crashing.org>

On 06 Oct 2004 at 19h10, Benjamin Herrenschmidt wrote:

Hi,

- > *Hrm... we have some sort of spinlock debugging, at least on ppc64...*
- > *BTW, did you have SMP or PREEMPT ? If none of these, then you should*
- > *not see any spin deadlock...*

No, in fact. You're right...

Indeed, if there was a deadlock, it would also happen when cable is plugged in, wouldn't it ? (as sungem outputs "Link is up at xxx..." or something when correctly initialized).

- > *The solution is to look at the code though and find what's wrong :)*

I'll try.

The called method in the driver when calling
dev_change_flags(ndevice, ndevice->flags | IFF_UP) from netpoll
is
gem_open(), if I'm not mistaken?

Could some kind of infinite loop happen within gem_link_timer, maybe ?

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Colin

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