

Re: CONFIG_PREEMPT_SOFTIRQS

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-01/msg11481.html>

- *From:* Steven Rostedt <rostedt@xxxxxxxxxxxx>
 - *Date:* Tue, 31 Jan 2006 13:10:55 -0500
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On Tue, 2006-01-31 at 20:19 +0530, Vinod KK wrote:

> Hi,
>
> I am using linux 2.6.10 (with Ingo Molnars real time patches) on my mips board.
>
> When I try running high network traffic (10% traffic on a 100Mbps
> link) on my target board with the CONFIG_PREEMPT_DESKTOP=y and
> CONFIG_PREEMPT_SOFTIRQS=y options enabled I notice that the console
> freezes and recovers only after the traffic stops. I do not notice
> this behaviour with the CONFIG_PREEMPT_SOFTIRQS option disabled.
>
> I understand that the CONFIG_PREEMPT_SOFTIRQS option puts all softirq
> processing to the ksoftirqd daemon, but i do not see why this should
> stall the console. I believe there should be some task which is
> starving for CPU, but I do not know which one.
>
> The console is on an 16550 serial port.
>
> Could someone please give me some pointers on where I should start looking?

2.6.10 with Ingo's patch is pretty old. The -rt patch is very much a moving target today and is not yet stable. So the only real answer I can give you is to go ahead and download <http://people.redhat.com/mingo/realtime-preempt/patch-2.6.15-rt16> and try that out.

-- Steve

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- *References:*
 - ◆ [***CONFIG_PREEMPT_SOFTIRQS***](#)

Re: CONFIG_PREEMPT_SOFTIRQS

◇ *From:* Vinod KK

- Prev by Date: ***Re: 2.6.15-rt16***
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