

CONFIG_PREEMPT_SOFTIRQS

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-01/msg11433.html>

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 - *Date:* Tue, 31 Jan 2006 20:19:47 +0530
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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?

Thanks,
Vinod K.

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- *Follow-Ups:*

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- ◆ *From:* Steven Rostedt

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