

Re: Suspend to memory is freezing my machine

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Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2008-05/msg01794.html>

- *From:* Jacek Luczak <difrost.kernel@xxxxxxxxxx>
 - *Date:* Sun, 04 May 2008 20:52:39 +0200
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Robert Hancock pisze:

Jacek Luczak wrote:

Robert Hancock pisze:

Jacek Luczak wrote:

Rafael J. Wysocki pisze:

On Sunday, 4 of May 2008,
Zdenek Kabelac wrote:

Hello

Hi,

With recent
2.6.25 &
2.6.26-rc1
git (around
1 week) I
get
occasionally
complete
freeze of
my T61
during
suspend.
(dual core,
2GB).

How reproducible is this?

I'm running
kernel with
no_console_suspend

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– but all I
can see is
blinking
cursor on an
empty
screen –
thus even
when I run
kernel with
most debug
options
turned on, I
can't pass
more details
so far. I
run
suspend
with with
SD card in
– so maybe
some
update in
the MMC
driver
might be
responsible
for this ?

Also – I
think that
option
no_console_suspend
doesn't
work
correctly –
as many
times with
suspend I
do not see
any log
message on
my console
screen.
However
sometimes
the log is
shown.

It would be helpful if you
could verify if:

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- (1) The problem occurs without `no_console_suspend`.
- (2) The problem occurs without the SD card.

Hi Rafael,

same problem here, although I was able to resume system (it's basically Intel machine) , but it was unusable – I was able to switch between terminals and see output from kernel. So there was:

- Disabling irq #19;
- some kind of lock spinning on disk:

IDE interface: Intel Corporation
82801GBM/GHM (ICH7 Family) Serial ATA
Storage
Controller IDE (rev 02)
but I can't provide more output of that lock now – no sign in logs.

I've made some successful suspend/resume all without sound card active without problem. Those app