

Re: bad pmd filemap.c, oops; 2.4.30 and 2.4.32

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2005-12/msg08606.html>

- *From:* Willy Tarreau <willy@xxxxxxxxxx>
 - *Date:* Sat, 31 Dec 2005 11:56:59 +0100
-

On Sat, Dec 31, 2005 at 02:39:43AM -0800, Chris Stromsoe wrote:

> On Sat, 31 Dec 2005, Willy Tarreau wrote:
>> On Fri, Dec 30, 2005 at 05:48:15PM -0800, Chris Stromsoe wrote:
>>
>>> I'm starting to suspect bad hardware. Booting is now hanging (with
>>> 2.4.27, 2.4.30 and 2.4.32) after scsi drivers load:
>>
>>> And nothing changed since previous boot, except UP ?
>
> All I changed was adding nosmp to the kernel boot line.

OK maybe interrupts don't get distributed to the remaining CPU, which would explain your timeouts.

>> It's not necessarily bad hardware. I also had trouble on one version of
>> the 29160 bios where it hanged during device scan if there were too many
>> terminations. Oh, BTW, please check that you have disabled "automatic"
>> termination in the BIOS. Manually set it either to ON or OFF (low/high
>> depending on your setup).
>
> I'll have to check it tomorrow or on Monday.
>
>>> How likely is it that a failing scsi controller contribute to the other
>>> problems I was seeing?
>>
>>> Not much. Perhaps at worst, a failing controller could corrupt memory by
>>> writing garbage at wrong locations, but you would not always get the
>>> same messages. It seems to be a different problem here. To be honest,
>>> it's where I think you should try the new driver.
>
> The machine has been running 2.6.14.4 for the last 6 hours. It came up
> fine. I did not try booting it with nosmp. If I have time, I will
> revert back to 2.4 with the newer driver to test.

Thanks.

> -Chris

Willy

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• **References:**

- ◆ **[bad pmd filemap.c, oops; 2.4.30 and 2.4.32](#)**
 - ◇ *From:* Chris Stromsoe
 - ◆ **[Re: bad pmd filemap.c, oops; 2.4.30 and 2.4.32](#)**
 - ◇ *From:* Marcelo Tosatti
 - ◆ **[Re: bad pmd filemap.c, oops; 2.4.30 and 2.4.32](#)**
 - ◇ *From:* Chris Stromsoe
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 - ◇ *From:* Chris Stromsoe
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