

Re: system keeps freezing once every 24 hours / random apps crashing

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-01/msg00045.html>

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- *From:* Mark v Wolher <[trilight@xxxxxxxxx](mailto:trilight@xxxxxxxxx)>
  - *Date:* Sun, 01 Jan 2006 14:06:06 +0100
- 

Mark v Wolher wrote:

> Jiri Slaby wrote:

>

>>>Hi Sami,

>>>

>>>That caused also a crash, i kept pressing the v key and within 15  
>>>seconds it crashed, then i saw the crash-info appear in the log and when  
>>>i clicked on mozilla then it crashed too but without crabs info and  
>>>system froze totally.

>>>

>>>Below the crash info:

>>>

>>>Dec 31 17:38:32 localhost kernel: Unable to handle kernel paging request  
>>>at virtual address c8111000

>>>Dec 31 17:38:32 localhost kernel: printing eip:

>>>Dec 31 17:38:32 localhost kernel: c036037a

>>>Dec 31 17:38:32 localhost kernel: \*pgd = 21063

>>>Dec 31 17:38:32 localhost kernel: \*pmd = 21063

>>>Dec 31 17:38:32 localhost kernel: \*pte = 8111000

>>>Dec 31 17:38:32 localhost kernel: Oops: 0002 [#4]

>>

>>[snip]

>>Could you try the attached patch?

>>

>>--

>>diff --git a/drivers/media/video/bttv-risc.c b/drivers/media/video/bttv-risc.c

>>--- a/drivers/media/video/bttv-risc.c

>>+++ b/drivers/media/video/bttv-risc.c

>>@@ -53,7 +53,7 @@ bttv\_risc\_packed(struct bttv \*btv, struc

>> /\* estimate risc mem: worst case is one write per page border +

>> one write per scan line + sync + jump (all 2 dwords) \*/

>> instructions = (bpl \* lines) / PAGE\_SIZE + lines;

>>- instructions += 2;

>>+ instructions += 4;

>> if ((rc = bttv\_riscmem\_alloc(bttv->c.pci,risc,instructions\*8)) < 0)

>> return rc;

>>

>>

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>>  
>  
>  
>  
> Hi Jiri,  
>  
> Tried it but it seems to crash indeed faster, and this time it didn't  
> leave traces in the log.  
>  
> Appreciate your help eitherway !  
> -

Hiya all,

First of all happy new year ! :-)

I might have discovered something interesting which might be responsible for all those lockups/freezes/crashes !

Right now, i'm putting a huge load on the system, disk i/o, swapping high, virusscan, number crushing with ssh-keygen moduli etc ...

5 hours passed with this load and no single crash/freeze/lockup happened ! Normally with all this load sooner or later something would have happened.

What did i do ?

I disabled bttv support in the kernel, so no tv for me at this moment. I'm planning to let this run for at least another 5 hours with heavy load and see if still nothing happens...

Keeping you informed.

Mark

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Re: system keeps freezing once every 24 hours / random apps crashing

- **Follow-Ups:**

- ◆ **Re: system keeps freezing once every 24 hours / random apps crashing**
  - ◇ From: Sami Farin
- ◆ **Re: system keeps freezing once every 24 hours / random apps crashing**
  - ◇ From: Mark v Wolher

- **References:**

- ◆ **Re: system keeps freezing once every 24 hours / random apps crashing**
  - ◇ From: Mark v Wolher
- Prev by Date: **Re: MPlayer broken under 2.6.15-rc7-rt1?**
- Next by Date: **Re: Howto set kernel makefile to use particular gcc**
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