

Megaraid does not work with 2.4.22

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2003-08/7528.html>

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Date: 08/28/03

Date: Thu, 28 Aug 2003 13:08:03 +0200 (CEST)
To: <linux-kernel@vger.kernel.org>

Hello,

It seems that Megaraid does not work with 2.4.22 at least on my machine. I don't know when it stopped working because I have never used this SCSI adapter before. During kernel boot magararid's driver generates nasty opps. This is the output from oops parsed by ksymoops:

ksymoops 2.4.9 on i686 2.4.22. Options used

- V (default)
- k /proc/ksyms (default)
- l /proc/modules (default)
- o /lib/modules/2.4.22 (specified)
- m /boot/System.map-2.4.22 (specified)

Error (regular_file): read_ksyms stat /proc/ksyms failed

No modules in ksyms, skipping objects

No ksyms, skipping lsmold

cpu: 0, clocks: 1333384, slice: 666692

PI_DEBUG for details.

3c59x: Donald Becker and others. www.scyld.com/network/vortex.html

Unable to handle kernel NULL pointer dereference at virtual address 0000000f
c0262330

*pde = 00000000

Oops: 0000

CPU: 0

EIP: 0010:[<c0262330>] Not tainted

Using defaults from ksymoops -t elf32-i386 -a i386

EFLAGS: 00010286

eax: cfeb0078 ebx: 00000000 ecx: 00000005 edx: 00000018

esi: 00000000 edi: 00000000 ebp: cfeb0078 esp: c12ddd44

ds: 0018 es: 0018 ss: 0018

Process swapper (pid: 1, stackpage=c12dd000)

Stack: c12dc000 cfee9860 04000001 c026207b cfeb0078 00000000 00000001 00000000

c12dddcc c12ddd68 c12ddd68 00000000 c0426b60 ffffffff 00000046 c011bf02

c011be16 00000000 00000001 00000046 c0426b60 c0426900 00000000 00000001

Call Trace: [<c026207b>] [<c011bf02>] [<c011be16>] [<c0108b8e>] [<c010b2ad>]

[<c01089d5>] [<c0108b54>] [<c010b1f8>] [<c0108fa1>] [<c0262030>] [<c0108c35>]

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```
[<c02630c9>] [<c0262030>] [<c01172ff>] [<c01173f5>] [<c0105000>] [<c0263669>]
 [<c02303e6>] [<c023a4c3>] [<c015cac2>] [<c0105000>] [<c0230235>] [<c0105000>]
 [<c015c927>] [<c015cd33>] [<c0105000>] [<c0105053>] [<c0105000>] [<c010579e>]
 [<c0105040>]
```

```
Code: 80 7e 0f 00 74 1e c7 04 24 58 8d 06 00 43 e8 cd b8 0d 00 81
```

```
>>EIP; c0262330 <mega_busyWaitMbox+20/50> <=====
```

```
Trace; c026207b <megaraid_isr+4b/2e0>
Trace; c011bf02 <bh_action+22/40>
Trace; c011be16 <tasklet_hi_action+46/70>
Trace; c0108b8e <do_IRQ+9e/a0>
Trace; c010b2ad <call_apic_timer_interrupt+5/10>
Trace; c01089d5 <handle_IRQ_event+45/70>
Trace; c0108b54 <do_IRQ+64/a0>
Trace; c010b1f8 <call_do_IRQ+5/d>
Trace; c0108fa1 <setup_irq+71/a0>
Trace; c0262030 <megaraid_isr+0/2e0>
Trace; c0108c35 <request_irq+a5/e0>
Trace; c02630c9 <mega_findCard+3b9/7d0>
Trace; c0262030 <megaraid_isr+0/2e0>
Trace; c01172ff <__call_console_drivers+5f/70>
Trace; c01173f5 <call_console_drivers+65/120>
Trace; c0105000 <_stext+0/0>
Trace; c0263669 <megaraid_detect+189/2b0>
Trace; c02303e6 <scsi_unregister_host+1a6/480>
Trace; c023a4c3 <ahc_linux_detect+23/60>
Trace; c015cac2 <proc_create+b2/100>
Trace; c0105000 <_stext+0/0>
Trace; c0230235 <scsi_register_host+2e5/2f0>
Trace; c0105000 <_stext+0/0>
Trace; c015c927 <proc_register+17/a0>
Trace; c015cd33 <create_proc_entry+83/d0>
Trace; c0105000 <_stext+0/0>
Trace; c0105053 <init+13/130>
Trace; c0105000 <_stext+0/0>
Trace; c010579e <arch_kernel_thread+2e/40>
Trace; c0105040 <init+0/130>
```

```
Code; c0262330 <mega_busyWaitMbox+20/50>
00000000 <_EIP>:
```

```
Code; c0262330 <mega_busyWaitMbox+20/50> <=====
```

```
0: 80 7e 0f 00 cmpb $0x0,0xf(%esi) <=====
```

```
Code; c0262334 <mega_busyWaitMbox+24/50>
4: 74 1e je 24 <_EIP+0x24>
```

```
Code; c0262336 <mega_busyWaitMbox+26/50>
6: c7 04 24 58 8d 06 00 movl $0x68d58,(%esp,1)
```

```
Code; c026233d <mega_busyWaitMbox+2d/50>
d: 43 inc %ebx
```

```
Code; c026233e <mega_busyWaitMbox+2e/50>
e: e8 cd b8 0d 00 call db8e0 <_EIP+0xdb8e0>
```

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Code; c0262343 <mega_busyWaitMbox+33/50>
13: 81 00 00 00 00 00 addl \$0x0,(%eax)

<0>Kernel panic: Aiee, killing interrupt handler!

1 error issued. Results may not be reliable.

Best Regards,

Krzysztof Olędzki

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