

Re: [discuss] 2.6.19-rc5: known regressions (v2)

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-11/msg03327.html>

- *From:* Paolo Ornati <ornati@xxxxxxxxxxxxxx>
 - *Date:* Sat, 11 Nov 2006 10:25:06 +0100
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On Sat, 11 Nov 2006 10:08:37 +0100
"Rafael J. Wysocki" <rjw@xxxxxxx> wrote:

Subject : BUG: scheduling while atomic: events/0/0x00000001/4
after resume
References : <http://lkml.org/lkml/2006/11/2/209>
Submitter : Paolo Ornati <ornati@xxxxxxxxxxxxxx>
Status : unknown

I couldn't find anything in the report that would indicate the problem occurred after a resume. Was it really the case?

Ahh, I've written that in another email but I trimmed LKML from CC by mistake ;)

Relevant portion of that mail follows... anyway it seems that "-rc5" is `_OK_` since I'm running it by 2 days and it survived 9 suspend/resume cycles.

I've reproduced it (with rc4-g4b1c46a3), and I think it is suspend/resume related since the messages start flooding dmesg just after a resume...

I'll see if it is reproducible just doing suspend/resume a couple of times... and if so I'll try with -rc5.

dmesg (stripped at the end):

```
[ 0.000000] Linux version 2.6.19-rc4-g4b1c46a3 (paolo@tux) (gcc version 4.1.1 (Gentoo 4.1.1)) #17
PREEMPT Wed Nov 1 18:36:28 CET 2006
[ 0.000000] Command line: root=/dev/sda6 elevator=cfq video=radeonfb:1024x768@60
[ 0.000000] BIOS-provided physical RAM map:
```

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```
[ 0.000000] BIOS-e820: 0000000000000000 - 000000000009fc00 (usable)
[ 0.000000] BIOS-e820: 000000000009fc00 - 00000000000a0000 (reserved)
[ 0.000000] BIOS-e820: 00000000000e4000 - 0000000000100000 (reserved)
[ 0.000000] BIOS-e820: 0000000000100000 - 000000001ff30000 (usable)
[ 0.000000] BIOS-e820: 000000001ff30000 - 000000001ff40000 (ACPI data)
[ 0.000000] BIOS-e820: 000000001ff40000 - 000000001fff0000 (ACPI NVS)
[ 0.000000] BIOS-e820: 000000001fff0000 - 0000000020000000 (reserved)
[ 0.000000] BIOS-e820: 00000000fff80000 - 0000000100000000 (reserved)
[ 0.000000] Entering add_active_range(0, 0, 159) 0 entries of 256 used
[ 0.000000] Entering add_active_range(0, 256, 130864) 1 entries of 256 used
[ 0.000000] end_pfn_map = 1048576
[ 0.000000] DMI 2.3 present.
[ 0.000000] ACPI: RSDP (v000 ACPIAM ) @ 0x000000000000fa850
[ 0.000000] ACPI: RSDT (v001 A M I OEMRSDT 0x06000517 MSFT 0x00000097) @
0x000000001ff30000
[ 0.000000] ACPI: FADT (v001 A M I OEMFACP 0x06000517 MSFT 0x00000097) @
0x000000001ff30200
[ 0.000000] ACPI: MADT (v001 A M I OEMAPIC 0x06000517 MSFT 0x00000097) @
0x000000001ff30390
[ 0.000000] ACPI: OEMB (v001 A M I OEMBIOS 0x06000517 MSFT 0x00000097) @
0x000000001ff40040
[ 0.000000] ACPI: DSDT (v001 A0058 A0058002 0x00000002 MSFT 0x0100000d) @
0x0000000000000000
[ 0.000000] Entering add_active_range(0, 0, 159) 0 entries of 256 used
[ 0.000000] Entering add_active_range(0, 256, 130864) 1 entries of 256 used
[ 0.000000] Zone PFN ranges:
[ 0.000000] DMA 0 -> 4096
[ 0.000000] DMA32 4096 -> 1048576
[ 0.000000] Normal 1048576 -> 1048576
[ 0.000000] early_node_map[2] active PFN ranges
[ 0.000000] 0: 0 -> 159
[ 0.000000] 0: 256 -> 130864
[ 0.000000] On node 0 totalpages: 130767
[ 0.000000] DMA zone: 56 pages used for memmap
[ 0.000000] DMA zone: 1183 pages reserved
[ 0.000000] DMA zone: 2760 pages, LIFO batch:0
[ 0.000000] DMA32 zone: 1733 pages used for memmap
[ 0.000000] DMA32 zone: 125035 pages, LIFO batch:31
[ 0.000000] Normal zone: 0 pages used for memmap
[ 0.000000] ACPI: PM-Timer IO Port: 0x808
[ 0.000000] ACPI: Local APIC address 0xfe00000
[ 0.000000] ACPI: LAPIC (acpi_id[0x01] lapic_id[0x00] enabled)
[ 0.000000] Processor #0 (Bootup-CPU)
[ 0.000000] ACPI: IOAPIC (id[0x01] address[0xfec00000] gsi_base[0])
[ 0.000000] IOAPIC[0]: apic_id 1, address 0xfec00000, GSI 0-23
[ 0.000000] ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
[ 0.000000] ACPI: IRQ0 used by override.
[ 0.000000] ACPI: IRQ2 used by override.
[ 0.000000] ACPI: IRQ9 used by override.
[ 0.000000] Setting APIC routing to flat
[ 0.000000] Using ACPI (MADT) for SMP configuration information
```

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[0.000000] Nosave address range: 000000000009f000 – 00000000000a0000
[0.000000] Nosave address range: 00000000000a0000 – 00000000000e4000
[0.000000] Nosave address range: 00000000000e4000 – 0000000000100000
[0.000000] Allocating PCI resources starting at 30000000 (gap: 20000000:dff80000)
[0.000000] Built 1 zonelists. Total pages: 127795
[0.000000] Kernel command line: root=/dev/sda6 elevator=cfq video=radeonfb:1024x768@60
[0.000000] Initializing CPU#0
[0.000000] PID hash table entries: 2048 (order: 11, 16384 bytes)
[32.727602] time.c: Using 3.579545 MHz WALL PM GTOD PIT/TSC timer.
[32.727605] time.c: Detected 2202.943 MHz processor.
[32.730265] Console: colour VGA+ 80x25
[32.733073] Dentry cache hash table entries: 65536 (order: 7, 524288 bytes)
[32.733509] Inode-cache hash table entries: 32768 (order: 6, 262144 bytes)
[32.733646] Checking aperture...
[32.733705] CPU 0: aperture @ f8000000 size 64 MB
[32.740581] Memory: 507900k/523456k available (2708k kernel code, 14716k reserved, 1343k data, 200k
init)
[32.800438] Calibrating delay using timer specific routine.. 4409.08 BogoMIPS (lpj=2204542)
[32.800591] Mount-cache hash table entries: 256
[32.800771] CPU: L1 I Cache: 64K (64 bytes/line), D cache 64K (64 bytes/line)
[32.800833] CPU: L2 Cache: 512K (64 bytes/line)
[32.800913] CPU: AMD Athlon(tm) 64 Processor 3200+ stepping 00
[32.801063] ACPI: Core revision 20060707
[32.814145] Using local APIC timer interrupts.
[32.859518] result 12516743
[32.859573] Detected 12.516 MHz APIC timer.
[32.860328] testing NMI watchdog ... OK.
[32.870515] checking if image is initramfs...it isn't (bad gzip magic numbers); looks like an initrd
[32.873517] Freeing initrd memory: 2000k freed
[32.875609] NET: Registered protocol family 16
[32.875754] ACPI: bus type pci registered
[32.875818] PCI: Using configuration type 1
[32.881215] ACPI: Interpreter enabled
[32.881276] ACPI: Using IOAPIC for interrupt routing
[32.882250] ACPI: PCI Root Bridge [PCI0] (0000:00)
[32.882315] PCI: Probing PCI hardware (bus 00)
[32.884489] PCI: enabled onboard AC97/MC97 devices
[32.884765] Boot video device is 0000:01:00.0
[32.884843] ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
[32.896169] ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 7 10 *11 14 15)
[32.896831] ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 7 *10 11 14 15)
[32.897488] ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 *7 10 11 14 15)
[32.898143] ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 *5 7 10 11 14 15)
[32.898809] ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 7 10 11 14 15) *0, disabled.
[32.899560] ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 7 10 11 14 15) *0, disabled.
[32.900312] ACPI: PCI Interrupt Link [LNKG] (IRQs 3 4 5 7 10 11 14 15) *0, disabled.
[32.901052] ACPI: PCI Interrupt Link [LNKH] (IRQs 3 4 5 7 10 11 14 15) *0, disabled.
[32.901700] Linux Plug and Play Support v0.97 (c) Adam Belay
[32.901768] pnp: PnP ACPI init
[32.904855] pnp: PnP ACPI: found 13 devices
[32.905045] SCSI subsystem initialized

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[32.905158] usbcore: registered new interface driver usbfs
[32.905247] usbcore: registered new interface driver hub
[32.905335] usbcore: registered new device driver usb
[32.905452] PCI: Using ACPI for IRQ routing
[32.905511] PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report
[32.905592] PCI: Cannot allocate resource region 0 of device 0000:00:00.0
[32.905754] agpgart: Detected AGP bridge 0
[32.908913] agpgart: AGP aperture is 64M @ 0xf8000000
[32.908997] PCI-DMA: Disabling IOMMU.
[32.909754] PCI: Bridge: 0000:00:01.0
[32.909812] IO window: a000-afff
[32.909871] MEM window: fd100000-fd6fffff
[32.909931] PREFETCH window: d5000000-f4ffffff
[32.910006] PCI: Setting latency timer of device 0000:00:01.0 to 64
[32.910026] NET: Registered protocol family 2
[32.918232] IP route cache hash table entries: 4096 (order: 3, 32768 bytes)
[32.918368] TCP established hash table entries: 16384 (order: 5, 131072 bytes)
[32.918516] TCP bind hash table entries: 8192 (order: 4, 65536 bytes)
[32.918624] TCP: Hash tables configured (established 16384 bind 8192)
[32.918684] TCP reno registered
[32.919334] io scheduler noop registered
[32.919440] io scheduler cfq registered (default)
[32.920310] ACPI: PCI Interrupt 0000:01:00.0[A] -> GSI 16 (level, low) -> IRQ 16
[32.920477] radeonfb: Found Intel x86 BIOS ROM Image
[32.920539] radeonfb: Retrieved PLL infos from BIOS
[32.920598] radeonfb: Reference=27.00 MHz (RefDiv=12) Memory=200.00 Mhz, System=166.00 MHz
[32.920671] radeonfb: PLL min 20000 max 40000
[32.921735] radeonfb: Monitor 1 type CRT found
[32.921793] radeonfb: Monitor 2 type no found
[32.955438] Console: switching to colour frame buffer device 128x48
[32.975175] radeonfb (0000:01:00.0): ATI Radeon Yd
[32.975352] ACPI: Power Button (FF) [PWRF]
[32.975477] ACPI: Power Button (CM) [PWRB]
[32.975586] ACPI: Sleep Button (CM) [SLPB]
[32.977202] Real Time Clock Driver v1.12ac
[32.977313] Linux agpgart interface v0.101 (c) Dave Jones
[32.977457] [drm] Initialized drm 1.0.1 20051102
[32.978126] [drm] Initialized radeon 1.25.0 20060524 on minor 0
[32.978294] Serial: 8250/16550 driver \$Revision: 1.90 \$ 4 ports, IRQ sharing disabled
[32.978587] serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
[32.978834] serial8250: ttyS1 at I/O 0x2f8 (irq = 3) is a 16550A
[32.979259] 00:0a: ttyS1 at I/O 0x2f8 (irq = 3) is a 16550A
[32.979511] 00:0b: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
[32.979773] Floppy drive(s): fd0 is 1.44M
[32.994906] FDC 0 is a post-1991 82077
[32.996382] RAMDISK driver initialized: 16 RAM disks of 4096K size 1024 blocksize
[32.996766] loop: loaded (max 8 devices)
[32.996906] ACPI: PCI Interrupt 0000:00:0a.0[A] -> GSI 17 (level, low) -> IRQ 17
[32.999471] skge 1.9 addr 0xfdc00000 irq 17 chip Yukon-Lite rev 9
[33.001981] skge eth0: addr 00:11:d8:1c:a0:7a
[33.004520] 8139too Fast Ethernet driver 0.9.28

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[33.007047] ACPI: PCI Interrupt 0000:00:0e.0[A] -> GSI 19 (level, low) -> IRQ 19
[33.010258] eth1: RealTek RTL8139 at 0xffffc20000004000, 00:e0:4c:f0:ab:b8, IRQ 19
[33.013135] eth1: Identified 8139 chip type 'RTL-8139C'
[33.013151] Linux video capture interface: v2.00
[33.016118] Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2
[33.019236] ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx
[33.022583] VP_IDE: IDE controller at PCI slot 0000:00:0f.1
[33.026030] ACPI: PCI Interrupt 0000:00:0f.1[A] -> GSI 20 (level, low) -> IRQ 20
[33.029676] VP_IDE: chipset revision 6
[33.033379] VP_IDE: not 100% native mode: will probe irqs later
[33.037248] VP_IDE: VIA vt8237 (rev 00) IDE UDMA133 controller on pci0000:00:0f.1
[33.041286] ide0: BM-DMA at 0xfc00-0xfc07, BIOS settings: hda:DMA, hdb:pio
[33.045502] ide1: BM-DMA at 0xfc08-0xfc0f, BIOS settings: hdc:DMA, hdd:pio
[33.049751] Probing IDE interface ide0...
[33.841448] hda: HL-DT-ST DVDROM GSA-4167B, ATAPI CD/DVD-ROM drive
[34.152000] ide0 at 0x1f0-0x1f7,0x3f6 on irq 14
[34.156490] Probing IDE interface ide1...
[34.948226] hdc: HL-DT-ST GCE-8400B, ATAPI CD/DVD-ROM drive
[35.257686] ide1 at 0x170-0x177,0x376 on irq 15
[35.264947] hda: ATAPI 48X DVD-ROM DVD-R-RAM CD-R/RW drive, 2048kB Cache, UDMA(33)
[35.269964] Uniform CD-ROM driver Revision: 3.20
[35.283252] hdc: ATAPI 40X CD-ROM CD-R/RW drive, 2048kB Cache, DMA
[35.289395] libata version 2.00 loaded.
[35.289419] sata_via 0000:00:0f.0: version 2.0
[35.289430] ACPI: PCI Interrupt 0000:00:0f.0[B] -> GSI 20 (level, low) -> IRQ 20
[35.294798] sata_via 0000:00:0f.0: routed to hard irq line 10
[35.300148] ata1: SATA max UDMA/133 cmd 0xE800 ctl 0xE402 bmdma 0xD400 irq 20
[35.305530] ata2: SATA max UDMA/133 cmd 0xE000 ctl 0xD802 bmdma 0xD408 irq 20
[35.310844] scsi0 : sata_via
[35.515983] ata1: SATA link up 1.5 Gbps (SStatus 113 SControl 300)
[35.673125] ata1.00: ATA-6, max UDMA/133, 156301488 sectors: LBA48 NCQ (depth 0/32)
[35.678757] ata1.00: ata1: dev 0 multi count 16
[35.686006] ata1.00: configured for UDMA/133
[35.691568] scsi1 : sata_via
[35.897218] ata2: SATA link down 1.5 Gbps (SStatus 0 SControl 300)
[35.913718] ATA: abnormal status 0x7F on port 0xE007
[35.919332] scsi 0:0:0:0: Direct-Access ATA ST380817AS 3.42 PQ: 0 ANSI: 5
[35.925134] SCSI device sda: 156301488 512-byte hdwr sectors (80026 MB)
[35.930882] sda: Write Protect is off
[35.936662] sda: Mode Sense: 00 3a 00 00
[35.936675] SCSI device sda: drive cache: write back
[35.942505] SCSI device sda: 156301488 512-byte hdwr sectors (80026 MB)
[35.948370] sda: Write Protect is off
[35.954136] sda: Mode Sense: 00 3a 00 00
[35.954148] SCSI device sda: drive cache: write back
[35.959889] sda: sda1 sda2 < sda5 sda6 sda7 sda8 >
[36.027032] sd 0:0:0:0: Attached scsi disk sda
[36.032710] sd 0:0:0:0: Attached scsi generic sg0 type 0
[36.038359] ACPI: PCI Interrupt 0000:00:10.4[C] -> GSI 21 (level, low) -> IRQ 21
[36.044338] ehci_hcd 0000:00:10.4: EHCI Host Controller
[36.050131] ehci_hcd 0000:00:10.4: new USB bus registered, assigned bus number 1

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[36.055834] ehci_hcd 0000:00:10.4: irq 21, io mem 0xfd900000
[36.061409] ehci_hcd 0000:00:10.4: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
[36.067109] usb usb1: configuration #1 chosen from 1 choice
[36.072686] hub 1-0:1.0: USB hub found
[36.078141] hub 1-0:1.0: 8 ports detected
[36.183732] USB Universal Host Controller Interface driver v3.0
[36.189136] ACPI: PCI Interrupt 0000:00:10.0[A] -> GSI 21 (level, low) -> IRQ 21
[36.194595] uhci_hcd 0000:00:10.0: UHCI Host Controller
[36.200026] uhci_hcd 0000:00:10.0: new USB bus registered, assigned bus number 2
[36.205457] uhci_hcd 0000:00:10.0: irq 21, io base 0x0000b000
[36.211000] usb usb2: configuration #1 chosen from 1 choice
[36.216430] hub 2-0:1.0: USB hub found
[36.221776] hub 2-0:1.0: 2 ports detected
[36.327443] ACPI: PCI Interrupt 0000:00:10.1[A] -> GSI 21 (level, low) -> IRQ 21
[36.332864] uhci_hcd 0000:00:10.1: UHCI Host Controller
[36.338237] uhci_hcd 0000:00:10.1: new USB bus registered, assigned bus number 3
[36.343600] uhci_hcd 0000:00:10.1: irq 21, io base 0x0000b400
[36.348985] usb usb3: configuration #1 chosen from 1 choice
[36.354262] hub 3-0:1.0: USB hub found
[36.359430] hub 3-0:1.0: 2 ports detected
[36.465147] ACPI: PCI Interrupt 0000:00:10.2[B] -> GSI 21 (level, low) -> IRQ 21
[36.470440] uhci_hcd 0000:00:10.2: UHCI Host Controller
[36.475698] uhci_hcd 0000:00:10.2: new USB bus registered, assigned bus number 4
[36.480965] uhci_hcd 0000:00:10.2: irq 21, io base 0x0000b800
[36.486227] usb usb4: configuration #1 chosen from 1 choice
[36.491386] hub 4-0:1.0: USB hub found
[36.496528] hub 4-0:1.0: 2 ports detected
[36.601875] ACPI: PCI Interrupt 0000:00:10.3[B] -> GSI 21 (level, low) -> IRQ 21
[36.607110] uhci_hcd 0000:00:10.3: UHCI Host Controller
[36.612333] uhci_hcd 0000:00:10.3: new USB bus registered, assigned bus number 5
[36.617549] uhci_hcd 0000:00:10.3: irq 21, io base 0x0000c000
[36.622729] usb usb5: configuration #1 chosen from 1 choice
[36.627812] hub 5-0:1.0: USB hub found
[36.632845] hub 5-0:1.0: 2 ports detected
[37.161683] usbcore: registered new interface driver cdc_acm
[37.166690] drivers/usb/class/cdc-acm.c: v0.25:USB Abstract Control Model driver for USB modems and ISDN adapters
[37.171947] usbcore: registered new interface driver usblp
[37.177212] drivers/usb/class/usblp.c: v0.13: USB Printer Device Class driver
[37.182561] Initializing USB Mass Storage driver...
[37.187966] usbcore: registered new interface driver usb-storage
[37.193343] USB Mass Storage support registered.
[37.198710] PNP: PS/2 Controller [PNP0303:PS2K,PNP0f03:PS2M] at 0x60,0x64 irq 1,12
[37.204404] serio: i8042 KBD port at 0x60,0x64 irq 1
[37.209839] serio: i8042 AUX port at 0x60,0x64 irq 12
[37.215222] mice: PS/2 mouse device common for all mice
[37.220524] i2c /dev entries driver
[37.226206] Advanced Linux Sound Architecture Driver Version 1.0.13 (Sun Oct 22 08:56:16 2006 UTC).
[37.231946] ACPI: PCI Interrupt 0000:00:11.5[C] -> GSI 22 (level, low) -> IRQ 22
[37.239539] PCI: Setting latency timer of device 0000:00:11.5 to 64
[37.251526] input: AT Translated Set 2 keyboard as /class/input/input0

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[340.827814] Stopping tasks:

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[ 340.828658] Shrinking memory... - \|/ - done (51711 pages freed)
[ 340.925349] Suspending console(s)
[ 341.809883] pnp: Device 00:0b disabled.
[ 341.810124] pnp: Device 00:0a disabled.
[ 341.810148] radeonfb (0000:01:00.0): suspending for event: 1...
[ 341.887207] skge eth0: disabling interface
[ 341.899219] pci_set_power_state(): 0000:00:00.0: state=3, current state=5
[ 341.912910] swsusp: Need to copy 63368 pages
[ 26.062737] APIC error on CPU0: 00(00)
[ 26.062827] PCI: Setting latency timer of device 0000:00:01.0 to 64
[ 26.146592] PM: Writing back config space on device 0000:00:0a.0 at offset f (was 1f170100, writing 1f17010a)
[ 26.146599] PM: Writing back config space on device 0000:00:0a.0 at offset c (was 0, writing fdb00000)
[ 26.146609] PM: Writing back config space on device 0000:00:0a.0 at offset 5 (was 1, writing c801)
[ 26.146614] PM: Writing back config space on device 0000:00:0a.0 at offset 4 (was 0, writing fdc00000)
[ 26.146619] PM: Writing back config space on device 0000:00:0a.0 at offset 3 (was 0, writing 4010)
[ 26.146626] PM: Writing back config space on device 0000:00:0a.0 at offset 1 (was 2b00000, writing 2b00117)
[ 26.146658] skge eth0: enabling interface
[ 26.160202] eth1: link up, 100Mbps, full-duplex, lpa 0x45E1
[ 26.171176] ACPI: PCI Interrupt 0000:00:10.0[A] -> GSI 21 (level, low) -> IRQ 21
[ 26.171218] usb usb2: root hub lost power or was reset
[ 26.182150] ACPI: PCI Interrupt 0000:00:10.1[A] -> GSI 21 (level, low) -> IRQ 21
[ 26.182188] usb usb3: root hub lost power or was reset
[ 26.193128] ACPI: PCI Interrupt 0000:00:10.2[B] -> GSI 21 (level, low) -> IRQ 21
[ 26.193165] usb usb4: root hub lost power or was reset
[ 26.204106] ACPI: PCI Interrupt 0000:00:10.3[B] -> GSI 21 (level, low) -> IRQ 21
[ 26.204143] usb usb5: root hub lost power or was reset
[ 26.215084] ACPI: PCI Interrupt 0000:00:10.4[C] -> GSI 21 (level, low) -> IRQ 21
[ 26.215109] usb usb1: root hub lost power or was reset
[ 26.215127] ehci_hcd 0000:00:10.4: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
[ 26.226082] ACPI: PCI Interrupt 0000:00:11.5[C] -> GSI 22 (level, low) -> IRQ 22
[ 26.226088] PCI: Setting latency timer of device 0000:00:11.5 to 64
[ 26.229463] radeonfb (0000:01:00.0): resuming from state: 1...
[ 26.247263] pnp: Failed to activate device 00:03.
[ 26.247391] pnp: Failed to activate device 00:04.
[ 26.248318] pnp: Device 00:0a activated.
[ 26.249004] pnp: Device 00:0b activated.
[ 27.134110] Restarting tasks... done
[ 27.565554] agpgart: Found an AGP 3.5 compliant device at 0000:00:00.0.
[ 27.565593] agpgart: Putting AGP V3 device at 0000:00:00.0 into 4x mode
[ 27.565670] agpgart: Putting AGP V3 device at 0000:01:00.0 into 4x mode
[ 27.565682] [drm] Loading R200 Microcode
[ 28.443446] ip_contrack version 2.4 (2044 buckets, 16352 max) - 248 bytes per contrack
[ 752.692523] Stopping tasks:
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=====
[ 752.693363] Shrinking memory... - \|/ - \| done (58183 pages freed)
[ 756.669812] Suspending console(s)
[ 757.578446] pnp: Device 00:0b disabled.
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[757.578702] pnp: Device 00:0a disabled.
[757.578727] radeonfb (0000:01:00.0): suspending for event: 1...
[757.655322] skge eth0: disabling interface
[757.695225] swsusp: Need to copy 58533 pages
[25.139916] APIC error on CPU0: 00(00)
[25.293551] PCI: Setting latency timer of device 0000:00:01.0 to 64
[25.377319] PM: Writing back config space on device 0000:00:0a.0 at offset f (was 1f170100, writing 1f17010a)
[25.377326] PM: Writing back config space on device 0000:00:0a.0 at offset c (was 0, writing fdb00000)
[25.377338] PM: Writing back config space on device 0000:00:0a.0 at offset 5 (was 1, writing c801)
[25.377343] PM: Writing back config space on device 0000:00:0a.0 at offset 4 (was 0, writing fdc00000)
[25.377348] PM: Writing back config space on device 0000:00:0a.0 at offset 3 (was 0, writing 4010)
[25.377353] PM: Writing back config space on device 0000:00:0a.0 at offset 1 (was 2b00000, writing 2b00117)
[25.377384] skge eth0: enabling interface
[25.382084] BUG: scheduling while atomic: events/0/0x00000001/4
[25.382086]
[25.382087] Call Trace:
[25.382097] [<ffffffff8049fafb>] __sched_text_start+0x5b/0x4cc
[25.382102] [<ffffffff802f34b6>] list_add+0xc/0xe
[25.382107] [<ffffffff80236519>] worker_thread+0x0/0x11b
[25.382110] [<ffffffff802365ce>] worker_thread+0xb5/0x11b
[25.382115] [<ffffffff802233e2>] default_wake_function+0x0/0xf
[25.382119] [<ffffffff80236519>] worker_thread+0x0/0x11b
[25.382124] [<ffffffff80239269>] kthread+0xce/0x101
[25.382128] [<ffffffff802234b1>] schedule_tail+0x30/0xa2
[25.382132] [<ffffffff8020a238>] child_rip+0xa/0x12
[25.382137] [<ffffffff8023919b>] kthread+0x0/0x101
[25.382140] [<ffffffff8020a22e>] child_rip+0x0/0x12
[25.382141]
[25.387073] BUG: scheduling while atomic: events/0/0x00000001/4
[25.387074]
[25.387075] Call Trace:
[25.387078] [<ffffffff8049fafb>] __sched_text_start+0x5b/0x4cc
[25.387081] [<ffffffff802f34b6>] list_add+0xc/0xe
[25.387085] [<ffffffff80236519>] worker_thread+0x0/0x11b
[25.387088] [<ffffffff802365ce>] worker_thread+0xb5/0x11b
[25.387092] [<ffffffff802233e2>] default_wake_function+0x0/0xf
[25.387096] [<ffffffff80236519>] worker_thread+0x0/0x11b
[25.387099] [<ffffffff80239269>] kthread+0xce/0x101
[25.387103] [<ffffffff802234b1>] schedule_tail+0x30/0xa2
[25.387106] [<ffffffff8020a238>] child_rip+0xa/0x12
[25.387111] [<ffffffff8023919b>] kthread+0x0/0x101
[25.387114] [<ffffffff8020a22e>] child_rip+0x0/0x12
[25.387115]
[25.391072] eth1: link up, 100Mbps, full-duplex, lpa 0x45E1
[25.392063] BUG: scheduling while atomic: events/0/0x00000001/4
[25.392065]
[25.392065] Call Trace:
[25.392068] [<ffffffff8049fafb>] __sched_text_start+0x5b/0x4cc
[25.392072] [<ffffffff802f34b6>] list_add+0xc/0xe

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[25.392075] [<ffffffff80236519>] worker_thread+0x0/0x11b
[25.392079] [<ffffffff802365ce>] worker_thread+0xb5/0x11b
[25.392082] [<ffffffff802233e2>] default_wake_function+0x0/0xf
[25.392086] [<ffffffff80236519>] worker_thread+0x0/0x11b
[25.392090] [<ffffffff80239269>] kthread+0xce/0x101
[25.392093] [<ffffffff802234b1>] schedule_tail+0x30/0xa2
[25.392097] [<ffffffff8020a238>] child_rip+0xa/0x12
[25.392101] [<ffffffff8023919b>] kthread+0x0/0x101
[25.392104] [<ffffffff8020a22e>] child_rip+0x0/0x12
[25.392106]
[25.402046] ACPI: PCI Interrupt 0000:00:10.0[A] -> GSI 21 (level, low) -> IRQ 21
[25.402095] usb usb2: root hub lost power or was reset
[25.413022] ACPI: PCI Interrupt 0000:00:10.1[A] -> GSI 21 (level, low) -> IRQ 21
[25.413067] usb usb3: root hub lost power or was reset
[25.423998] ACPI: PCI Interrupt 0000:00:10.2[B] -> GSI 21 (level, low) -> IRQ 21
[25.424043] usb usb4: root hub lost power or was reset
[25.434977] ACPI: PCI Interrupt 0000:00:10.3[B] -> GSI 21 (level, low) -> IRQ 21
[25.435020] usb usb5: root hub lost power or was reset
[25.445955] ACPI: PCI Interrupt 0000:00:10.4[C] -> GSI 21 (level, low) -> IRQ 21
[25.445987] usb usb1: root hub lost power or was reset
[25.446006] ehci_hcd 0000:00:10.4: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
[25.456957] ACPI: PCI Interrupt 0000:00:11.5[C] -> GSI 22 (level, low) -> IRQ 22
[25.456963] PCI: Setting latency timer of device 0000:00:11.5 to 64
[25.460339] radeonfb (0000:01:00.0): resuming from state: 1...
[25.478130] pnp: Failed to activate device 00:03.
[25.478258] pnp: Failed to activate device 00:04.
[25.479252] pnp: Device 00:0a activated.
[25.479961] pnp: Device 00:0b activated.
[26.365424] Restarting tasks... done
[26.441032] BUG: sleeping function called from invalid context at include/asm/semaphore.h:105
[26.441035] in_atomic():1, irqs_disabled():0
[26.441037]
[26.441038] Call Trace:
[26.441046] [<ffffffff8049ff6c>] thread_return+0x0/0xf9
[26.441054] [<ffffffff802226ae>] __might_sleep+0xb2/0xb4
[26.441058] [<ffffffff8022749a>] acquire_console_sem+0x66/0x90
[26.441064] [<ffffffff80358086>] console_callback+0xe/0xde
[26.441068] [<ffffffff80235fce>] run_workqueue+0xb6/0x126
[26.441072] [<ffffffff80236519>] worker_thread+0x0/0x11b
[26.441075] [<ffffffff802365ff>] worker_thread+0xe6/0x11b
[26.441079] [<ffffffff802233e2>] default_wake_function+0x0/0xf
[26.441083] [<ffffffff80236519>] worker_thread+0x0/0x11b
[26.441088] [<ffffffff80239269>] kthread+0xce/0x101
[26.441112] [<ffffffff802234b1>] schedule_tail+0x30/0xa2
[26.441117] [<ffffffff8020a238>] child_rip+0xa/0x12
[26.441121] [<ffffffff8023919b>] kthread+0x0/0x101
[26.441125] [<ffffffff8020a22e>] child_rip+0x0/0x12
[26.441126]
[26.441160] BUG: scheduling while atomic: events/0/0x00000001/4
[26.441162]
[26.441162] Call Trace:

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[26.441166] [<ffffffff8049fafb>] __sched_text_start+0x5b/0x4cc
[26.441171] [<ffffffff802f34b6>] list_add+0xc/0xe
[26.441174] [<ffffffff80236519>] worker_thread+0x0/0x11b
[26.441178] [<ffffffff802365ce>] worker_thread+0xb5/0x11b
[26.441181] [<ffffffff802233e2>] default_wake_function+0x0/0xf
[26.441185] [<ffffffff80236519>] worker_thread+0x0/0x11b
[26.441189] [<ffffffff80239269>] kthread+0xce/0x101
[26.441193] [<ffffffff802234b1>] schedule_tail+0x30/0xa2
[26.441196] [<ffffffff8020a238>] child_rip+0xa/0x12
[26.441201] [<ffffffff8023919b>] kthread+0x0/0x101
[26.441204] [<ffffffff8020a22e>] child_rip+0x0/0x12
[26.441206]
[27.289287] BUG: scheduling while atomic: events/0/0x00000001/4
[27.289292]
[27.289293] Call Trace:
[27.289305] [<ffffffff8049fafb>] __sched_text_start+0x5b/0x4cc
[27.289310] [<ffffffff802f34b6>] list_add+0xc/0xe
[27.289315] [<ffffffff80236519>] worker_thread+0x0/0x11b
[27.289319] [<ffffffff802365ce>] worker_thread+0xb5/0x11b
[27.289324] [<ffffffff802233e2>] default_wake_function+0x0/0xf
[27.289328] [<ffffffff80236519>] worker_thread+0x0/0x11b
[27.289333] [<ffffffff80239269>] kthread+0xce/0x101
[27.289337] [<ffffffff802234b1>] schedule_tail+0x30/0xa2
[27.289342] [<ffffffff8020a238>] child_rip+0xa/0x12
[27.289346] [<ffffffff8023919b>] kthread+0x0/0x101
[27.289349] [<ffffffff8020a22e>] child_rip+0x0/0x12
[27.289351]
[27.427130] agpgart: Found an AGP 3.5 compliant device at 0000:00:00.0.
[27.427152] agpgart: Putting AGP V3 device at 0000:00:00.0 into 4x mode
[27.427228] agpgart: Putting AGP V3 device at 0000:01:00.0 into 4x mode
[27.427240] [drm] Loading R200 Microcode
[29.285334] BUG: scheduling while atomic: events/0/0x00000001/4
[29.285339]
[29.285340] Call Trace:
[29.285352] [<ffffffff8049fafb>] __sched_text_start+0x5b/0x4cc
[29.285358] [<ffffffff802f34b6>] list_add+0xc/0xe
[29.285363] [<ffffffff80236519>] worker_thread+0x0/0x11b
[29.285366] [<ffffffff802365ce>] worker_thread+0xb5/0x11b
[29.285372] [<ffffffff802233e2>] default_wake_function+0x0/0xf
[29.285376] [<ffffffff80236519>] worker_thread+0x0/0x11b
[29.285380] [<ffffffff80239269>] kthread+0xce/0x101
[29.285384] [<ffffffff802234b1>] schedule_tail+0x30/0xa2
[29.285389] [<ffffffff8020a238>] child_rip+0xa/0x12
[29.285394] [<ffffffff8023919b>] kthread+0x0/0x101
[29.285397] [<ffffffff8020a22e>] child_rip+0x0/0x12
[29.285399]
[31.281290] BUG: scheduling while atomic: events/0/0x00000001/4
[31.281295]
[31.281296] Call Trace:
[31.281309] [<ffffffff8049fafb>] __sched_text_start+0x5b/0x4cc
[31.281314] [<ffffffff802f34b6>] list_add+0xc/0xe

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[31.281319] [<ffffffff80236519>] worker_thread+0x0/0x11b
[31.281323] [<ffffffff802365ce>] worker_thread+0xb5/0x11b
[31.281329] [<ffffffff802233e2>] default_wake_function+0x0/0xf
[31.281333] [<ffffffff80236519>] worker_thread+0x0/0x11b
[31.281338] [<ffffffff80239269>] kthread+0xce/0x101
[31.281342] [<ffffffff802234b1>] schedule_tail+0x30/0xa2
[31.281346] [<ffffffff8020a238>] child_rip+0xa/0x12
[31.281351] [<ffffffff8023919b>] kthread+0x0/0x101
[31.281354] [<ffffffff8020a22e>] child_rip+0x0/0x12
[31.281356]
[32.949597] ip_contrack version 2.4 (2044 buckets, 16352 max) – 248 bytes per contrack
[33.277294] BUG: scheduling while atomic: events/0/0x00000001/4
[33.277298]
[33.277299] Call Trace:
[33.277311] [<ffffffff8049fafb>] __sched_text_start+0x5b/0x4cc
[33.277317] [<ffffffff802f34b6>] list_add+0xc/0xe
[33.277322] [<ffffffff80236519>] worker_thread+0x0/0x11b
[33.277325] [<ffffffff802365ce>] worker_thread+0xb5/0x11b
[33.277331] [<ffffffff802233e2>] default_wake_function+0x0/0xf
[33.277335] [<ffffffff80236519>] worker_thread+0x0/0x11b
[33.277340] [<ffffffff80239269>] kthread+0xce/0x101
[33.277344] [<ffffffff802234b1>] schedule_tail+0x30/0xa2
[33.277348] [<ffffffff8020a238>] child_rip+0xa/0x12
[33.277353] [<ffffffff8023919b>] kthread+0x0/0x101
[33.277357] [<ffffffff8020a22e>] child_rip+0x0/0x12
[33.277359]
[35.273273] BUG: scheduling while atomic: events/0/0x00000001/4
[35.273278]
[35.273279] Call Trace:
[35.273291] [<ffffffff8049fafb>] __sched_text_start+0x5b/0x4cc
[35.273296] [<ffffffff802f34b6>] list_add+0xc/0xe
[35.273302] [<ffffffff80236519>] worker_thread+0x0/0x11b
[35.273305] [<ffffffff802365ce>] worker_thread+0xb5/0x11b
[35.273311] [<ffffffff802233e2>] default_wake_function+0x0/0xf
[35.273315] [<ffffffff80236519>] worker_thread+0x0/0x11b
[35.273320] [<ffffffff80239269>] kthread+0xce/0x101
[35.273324] [<ffffffff802234b1>] schedule_tail+0x30/0xa2
[35.273329] [<ffffffff8020a238>] child_rip+0xa/0x12
[35.273334] [<ffffffff8023919b>] kthread+0x0/0x101
[35.273337] [<ffffffff8020a22e>] child_rip+0x0/0x12
[35.273339]

[...]

—
Paolo Ornati
Linux 2.6.19-rc5 on x86_64
—

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