

OOPS in 2.6.19.1, connected to nfs4 and autofs4

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-12/msg06816.html>

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 - *Date:* Fri, 22 Dec 2006 13:29:11 +0100
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Hello List,

I get this more or less reproducible dump when working with automounted nfs4. It happens most times when amarok has finished scanning through my music on the nfs4 mount and autofs wants to unmount the nfs4 share. Then again, sometimes this doesn't happen, so it's not easy to reproduce. I have seen this happen on different machines, SMP and non-SMP. I don't know what information you might need besides .config and dmesg, so please ask.

Regards

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Linux version 2.6.19.1 (root@highlander) (gcc version 4.1.2 20061115 (prerelease) (Debian 4.1.1-21)) #1 SMP PREEMPT Thu Dec 21 19:49:41 CET 2006

Command line: root=/dev/sda6 ro video=vesafb vga=extended

BIOS-provided physical RAM map:

BIOS-e820: 0000000000000000 - 000000000009ec00 (usable)
BIOS-e820: 000000000009ec00 - 00000000000a0000 (reserved)
BIOS-e820: 00000000000e4000 - 0000000000100000 (reserved)
BIOS-e820: 0000000000100000 - 00000000003ffa0000 (usable)
BIOS-e820: 00000000003ffa0000 - 00000000003ffae000 (ACPI data)
BIOS-e820: 00000000003ffae000 - 00000000003ffe0000 (ACPI NVS)
BIOS-e820: 00000000003ffe0000 - 000000000040000000 (reserved)
BIOS-e820: 0000000000fee00000 - 0000000000fee01000 (reserved)
BIOS-e820: 0000000000ffb00000 - 00000000001000000000 (reserved)

Entering add_active_range(0, 0, 158) 0 entries of 256 used

Entering add_active_range(0, 256, 262048) 1 entries of 256 used

end_pfn_map = 1048576

DMI 2.4 present.

ACPI: RSDP (v002 ACPIAM) @ 0x0000000000000fae40

ACPI: XSDT (v001 A M I OEMXSDT 0x10000603 MSFT 0x00000097) @ 0x00000000003ffa0100

ACPI: FADT (v003 A M I OEMFACP 0x10000603 MSFT 0x00000097) @ 0x00000000003ffa0290

ACPI: MADT (v001 A M I OEMAPIC 0x10000603 MSFT 0x00000097) @ 0x00000000003ffa0390

ACPI: MCFG (v001 A M I OEMMCFG 0x10000603 MSFT 0x00000097) @ 0x00000000003ffa0400

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ACPI: OEMB (v001 A M I AMI_OEM 0x10000603 MSFT 0x00000097) @ 0x000000003ffae040
ACPI: HPET (v001 A M I OEMHPET 0x10000603 MSFT 0x00000097) @ 0x000000003ffa8d50
ACPI: DSDT (v001 A0667 A0667000 0x00000000 INTL 0x20060113) @ 0x0000000000000000
Entering add_active_range(0, 0, 158) 0 entries of 256 used
Entering add_active_range(0, 256, 262048) 1 entries of 256 used
Zone PFN ranges:
DMA 0 -> 4096
DMA32 4096 -> 1048576
Normal 1048576 -> 1048576
early_node_map[2] active PFN ranges
0: 0 -> 158
0: 256 -> 262048
On node 0 totalpages: 261950
DMA zone: 56 pages used for memmap
DMA zone: 10 pages reserved
DMA zone: 3932 pages, LIFO batch:0
DMA32 zone: 3526 pages used for memmap
DMA32 zone: 254426 pages, LIFO batch:31
Normal zone: 0 pages used for memmap
ACPI: PM-Timer IO Port: 0x808
ACPI: Local APIC address 0xfe00000
ACPI: LAPIC (acpi_id[0x01] lapic_id[0x00] enabled)
Processor #0 (Bootup-CPU)
ACPI: LAPIC (acpi_id[0x02] lapic_id[0x01] enabled)
Processor #1
ACPI: LAPIC (acpi_id[0x03] lapic_id[0x82] disabled)
ACPI: LAPIC (acpi_id[0x04] lapic_id[0x83] disabled)
ACPI: IOAPIC (id[0x02] address[0xfec00000] gsi_base[0])
IOAPIC[0]: apic_id 2, address 0xfec00000, GSI 0-23
ACPI: INT_SRC_OVR (bus 0 bus_irq 0 global_irq 2 dfl dfl)
ACPI: INT_SRC_OVR (bus 0 bus_irq 9 global_irq 9 high level)
ACPI: IRQ0 used by override.
ACPI: IRQ2 used by override.
ACPI: IRQ9 used by override.
Setting APIC routing to flat
ACPI: HPET id: 0x8086a202 base: 0xfed00000
Using ACPI (MADT) for SMP configuration information
Nosave address range: 000000000009e000 - 000000000009f000
Nosave address range: 000000000009f000 - 00000000000a0000
Nosave address range: 00000000000a0000 - 00000000000e4000
Nosave address range: 00000000000e4000 - 0000000000100000
Allocating PCI resources starting at 50000000 (gap: 40000000:bee00000)
PERCPU: Allocating 33408 bytes of per cpu data
Built 1 zonelists. Total pages: 258358
Kernel command line: root=/dev/sda6 ro video=vesafb vga=extended
Initializing CPU#0
PID hash table entries: 4096 (order: 12, 32768 bytes)
Console: colour VGA+ 80x50
Dentry cache hash table entries: 131072 (order: 8, 1048576 bytes)
Inode-cache hash table entries: 65536 (order: 7, 524288 bytes)
Checking aperture...

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Memory: 1025880k/1048192k available (1624k kernel code, 21560k reserved, 709k data, 212k init)
Calibrating delay using timer specific routine.. 4804.12 BogoMIPS (lpj=9608244)
Mount-cache hash table entries: 256
CPU: L1 I cache: 32K, L1 D cache: 32K
CPU: L2 cache: 4096K
using mwait in idle threads.
CPU: Physical Processor ID: 0
CPU: Processor Core ID: 0
CPU0: Thermal monitoring enabled (TM2)
Freeing SMP alternatives: 20k freed
ACPI: Core revision 20060707
Using local APIC timer interrupts.
result 16666719
Detected 16.666 MHz APIC timer.
Booting processor 1/2 APIC 0x1
Initializing CPU#1
Calibrating delay using timer specific routine.. 4800.02 BogoMIPS (lpj=9600048)
CPU: L1 I cache: 32K, L1 D cache: 32K
CPU: L2 cache: 4096K
CPU: Physical Processor ID: 0
CPU: Processor Core ID: 1
CPU1: Thermal monitoring enabled (TM2)
Intel(R) Core(TM)2 CPU 6600 @ 2.40GHz stepping 06
Brought up 2 CPUs
testing NMI watchdog ... OK.
time.c: Using 14.318180 MHz WALL HPET GTOD HPET/TSC timer.
time.c: Detected 2400.007 MHz processor.
migration_cost=29
checking if image is initramfs... it is
Freeing initrd memory: 2490k freed
NET: Registered protocol family 16
ACPI: bus type pci registered
PCI: BIOS Bug: MCFG area at e0000000 is not E820-reserved
PCI: Not using MMCONFIG.
PCI: Using configuration type 1
ACPI: Interpreter enabled
ACPI: Using IOAPIC for interrupt routing
ACPI: PCI Root Bridge [PCI0] (0000:00)
PCI: Probing PCI hardware (bus 00)
PCI quirk: region 0800-087f claimed by ICH6 ACPI/GPIO/TCO
PCI quirk: region 0480-04bf claimed by ICH6 GPIO
Boot video device is 0000:01:00.0
PCI: Transparent bridge - 0000:00:1e.0
ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.POP2._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.POP1._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.POP4._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.POP8._PRT]
ACPI: PCI Interrupt Routing Table [_SB_.PCI0.POP9._PRT]
ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 5 6 7 10 *11 12 14 15)
ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 6 7 *10 11 12 14 15)

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ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 *5 6 7 10 11 12 14 15)
ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 6 7 10 11 12 14 *15)
ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 6 7 10 11 12 *14 15)
ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 6 7 10 *11 12 14 15)
ACPI: PCI Interrupt Link [LNKG] (IRQs *3 4 5 6 7 10 11 12 14 15)
ACPI: PCI Interrupt Link [LNKH] (IRQs 3 4 5 6 *7 10 11 12 14 15)
Linux Plug and Play Support v0.97 (c) Adam Belay
pnp: PnP ACPI init
pnp: PnP ACPI: found 15 devices
PCI: Using ACPI for IRQ routing
PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report
hpet0: at MMIO 0xfed00000, IRQs 2, 8, 0
hpet0: 3 64-bit timers, 14318180 Hz
PCI-GART: No AMD northbridge found.
pnp: 00:08: ioport range 0x290-0x297 has been reserved
PCI: Bridge: 0000:00:01.0
IO window: 9000-9fff
MEM window: f8700000-fe7fffff
PREFETCH window: bfe00000-dfdfffff
PCI: Bridge: 0000:00:1c.0
IO window: disabled.
MEM window: disabled.
PREFETCH window: dfe00000-dfefffff
PCI: Bridge: 0000:00:1c.4
IO window: b000-bfff
MEM window: fe900000-fe9fffff
PREFETCH window: disabled.
PCI: Bridge: 0000:00:1c.5
IO window: a000-afff
MEM window: fe800000-fe8fffff
PREFETCH window: disabled.
PCI: Bridge: 0000:00:1e.0
IO window: c000-cfff
MEM window: fea00000-feafffff
PREFETCH window: disabled.
ACPI: PCI Interrupt 0000:00:01.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:01.0 to 64
ACPI: PCI Interrupt 0000:00:1c.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1c.0 to 64
ACPI: PCI Interrupt 0000:00:1c.4[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1c.4 to 64
ACPI: PCI Interrupt 0000:00:1c.5[B] -> GSI 17 (level, low) -> IRQ 17
PCI: Setting latency timer of device 0000:00:1c.5 to 64
PCI: Setting latency timer of device 0000:00:1e.0 to 64
NET: Registered protocol family 2
IP route cache hash table entries: 32768 (order: 6, 262144 bytes)
TCP established hash table entries: 131072 (order: 9, 2097152 bytes)
TCP bind hash table entries: 65536 (order: 8, 1048576 bytes)
TCP: Hash tables configured (established 131072 bind 65536)
TCP reno registered
io scheduler noop registered

io scheduler cfq registered (default)
PCI: Setting latency timer of device 0000:00:01.0 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:01.0:pcie00]
PCI: Setting latency timer of device 0000:00:1c.0 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.0:pcie00]
Allocate Port Service[0000:00:1c.0:pcie02]
PCI: Setting latency timer of device 0000:00:1c.4 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.4:pcie00]
Allocate Port Service[0000:00:1c.4:pcie02]
PCI: Setting latency timer of device 0000:00:1c.5 to 64
assign_interrupt_mode Found MSI capability
Allocate Port Service[0000:00:1c.5:pcie00]
Allocate Port Service[0000:00:1c.5:pcie02]
Real Time Clock Driver v1.12ac
hpet_resources: 0xfed00000 is busy
Linux agpgart interface v0.101 (c) Dave Jones
Serial: 8250/16550 driver \$Revision: 1.90 \$ 2 ports, IRQ sharing disabled
serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
00:06: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
RAMDISK driver initialized: 16 RAM disks of 4096K size 1024 blocksize
PNP: PS/2 Controller [PNP0303:PS2K] at 0x60,0x64 irq 1
PNP: PS/2 controller doesn't have AUX irq; using default 12
serio: i8042 KBD port at 0x60,0x64 irq 1
serio: i8042 AUX port at 0x60,0x64 irq 12
mice: PS/2 mouse device common for all mice
BIOS EDD facility v0.16 2004-Jun-25, 2 devices found
Freeing unused kernel memory: 212k freed
input: AT Translated Set 2 keyboard as /class/input/input0
NET: Registered protocol family 1
ACPI (exconfig-0455): Dynamic SSDT Load - OemId [AMI] OemTableId [CPU1PM] [20060707]
ACPI (exconfig-0455): Dynamic SSDT Load - OemId [AMI] OemTableId [CPU2PM] [20060707]
ACPI: Getting cpuindex for acpiid 0x3
ACPI: Getting cpuindex for acpiid 0x4
usbcore: registered new interface driver usbfs
usbcore: registered new interface driver hub
usbcore: registered new device driver usb
USB Universal Host Controller Interface driver v3.0
ACPI: PCI Interrupt 0000:00:1a.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:00:1a.0 to 64
uhci_hcd 0000:00:1a.0: UHCI Host Controller
uhci_hcd 0000:00:1a.0: new USB bus registered, assigned bus number 1
uhci_hcd 0000:00:1a.0: irq 16, io base 0x0000e000
usb usb1: configuration #1 chosen from 1 choice
hub 1-0:1.0: USB hub found
hub 1-0:1.0: 2 ports detected
SCSI subsystem initialized
libata version 2.00 loaded.
ieee1394: Initialized config rom entry `ip1394'

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ACPI: PCI Interrupt 0000:00:1a.1[B] -> GSI 17 (level, low) -> IRQ 17
PCI: Setting latency timer of device 0000:00:1a.1 to 64
uhci_hcd 0000:00:1a.1: UHCI Host Controller
uhci_hcd 0000:00:1a.1: new USB bus registered, assigned bus number 2
uhci_hcd 0000:00:1a.1: irq 17, io base 0x0000e080
usb usb2: configuration #1 chosen from 1 choice
hub 2-0:1.0: USB hub found
hub 2-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.0[A] -> GSI 23 (level, low) -> IRQ 23
PCI: Setting latency timer of device 0000:00:1d.0 to 64
uhci_hcd 0000:00:1d.0: UHCI Host Controller
uhci_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 3
uhci_hcd 0000:00:1d.0: irq 23, io base 0x0000d800
usb usb3: configuration #1 chosen from 1 choice
hub 3-0:1.0: USB hub found
hub 3-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.1[B] -> GSI 19 (level, low) -> IRQ 19
PCI: Setting latency timer of device 0000:00:1d.1 to 64
uhci_hcd 0000:00:1d.1: UHCI Host Controller
uhci_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 4
uhci_hcd 0000:00:1d.1: irq 19, io base 0x0000d880
usb usb4: configuration #1 chosen from 1 choice
hub 4-0:1.0: USB hub found
hub 4-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:00:1d.2[C] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:00:1d.2 to 64
uhci_hcd 0000:00:1d.2: UHCI Host Controller
uhci_hcd 0000:00:1d.2: new USB bus registered, assigned bus number 5
uhci_hcd 0000:00:1d.2: irq 18, io base 0x0000dc00
usb usb5: configuration #1 chosen from 1 choice
hub 5-0:1.0: USB hub found
hub 5-0:1.0: 2 ports detected
ACPI: PCI Interrupt 0000:05:02.2[B] -> GSI 20 (level, low) -> IRQ 20
usb 3-2: new full speed USB device using uhci_hcd and address 2
ohci1394: fw-host0: OHCI-1394 1.1 (PCI): IRQ=[20] MMIO=[feaff800-feafffff] Max Packet=[2048] IR/IT contexts=[4/8]
ACPI: PCI Interrupt 0000:05:03.0[A] -> GSI 21 (level, low) -> IRQ 21
ohci1394: fw-host1: OHCI-1394 1.1 (PCI): IRQ=[21] MMIO=[feaff000-feaff7ff] Max Packet=[2048] IR/IT contexts=[4/8]
ACPI: PCI Interrupt 0000:00:1a.7[C] -> GSI 18 (level, low) -> IRQ 18
PCI: Setting latency timer of device 0000:00:1a.7 to 64
ehci_hcd 0000:00:1a.7: EHCI Host Controller
ehci_hcd 0000:00:1a.7: new USB bus registered, assigned bus number 6
ehci_hcd 0000:00:1a.7: debug port 1
PCI: cache line size of 32 is not supported by device 0000:00:1a.7
ehci_hcd 0000:00:1a.7: irq 18, io mem 0xfebff400
ehci_hcd 0000:00:1a.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
usb usb6: configuration #1 chosen from 1 choice
hub 6-0:1.0: USB hub found
hub 6-0:1.0: 4 ports detected
usb 3-2: configuration #1 chosen from 1 choice

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```
hub 3-2:1.0: USB hub found
hub 3-2:1.0: 4 ports detected
ACPI: PCI Interrupt 0000:00:1d.7[A] -> GSI 23 (level, low) -> IRQ 23
PCI: Setting latency timer of device 0000:00:1d.7 to 64
ehci_hcd 0000:00:1d.7: EHCI Host Controller
ehci_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 7
ehci_hcd 0000:00:1d.7: debug port 1
PCI: cache line size of 32 is not supported by device 0000:00:1d.7
ehci_hcd 0000:00:1d.7: irq 23, io mem 0xfebfff00
ehci_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004
usb usb7: configuration #1 chosen from 1 choice
hub 7-0:1.0: USB hub found
hub 7-0:1.0: 6 ports detected
usb 3-2: USB disconnect, address 2
ahci 0000:00:1f.2: version 2.0
ACPI: PCI Interrupt 0000:00:1f.2[B] -> GSI 19 (level, low) -> IRQ 19
usb 3-2: new full speed USB device using uhci_hcd and address 3
usb 3-2: configuration #1 chosen from 1 choice
hub 3-2:1.0: USB hub found
hub 3-2:1.0: 4 ports detected
ieee1394: Host added: ID:BUS[0-00:1023] GUID[00023c00310163af]
PCI: Setting latency timer of device 0000:00:1f.2 to 64
ahci 0000:00:1f.2: AHCI 0001.0100 32 slots 6 ports ? Gbps 0x3f impl SATA mode
ahci 0000:00:1f.2: flags: 64bit ilck stag led pmp pio
ata1: SATA max UDMA/133 cmd 0xFFFFFC20000064900 ctl 0x0 bmdma 0x0 irq 507
ata2: SATA max UDMA/133 cmd 0xFFFFFC20000064980 ctl 0x0 bmdma 0x0 irq 507
ata3: SATA max UDMA/133 cmd 0xFFFFFC20000064A00 ctl 0x0 bmdma 0x0 irq 507
ata4: SATA max UDMA/133 cmd 0xFFFFFC20000064A80 ctl 0x0 bmdma 0x0 irq 507
ata5: SATA max UDMA/133 cmd 0xFFFFFC20000064B00 ctl 0x0 bmdma 0x0 irq 507
ata6: SATA max UDMA/133 cmd 0xFFFFFC20000064B80 ctl 0x0 bmdma 0x0 irq 507
scsi0 : ahci
usb 3-2.3: new low speed USB device using uhci_hcd and address 4
ieee1394: Host added: ID:BUS[1-00:1023] GUID[0011d80000f9b6dc]
usb 3-2.3: configuration #1 chosen from 1 choice
ata1: SATA link up 1.5 Gbps (SStatus 113 SControl 300)
ata1.00: ATA-6, max UDMA/133, 145226112 sectors: LBA48
ata1.00: ata1: dev 0 multi count 0
ata1.00: configured for UDMA/133
scsi1 : ahci
usb 3-2.4: new low speed USB device using uhci_hcd and address 5
usb 3-2.4: configuration #1 chosen from 1 choice
usbcore: registered new interface driver hiddev
input: Logitech USB-PS/2 Optical Mouse as /class/input/input1
input: USB HID v1.10 Mouse [Logitech USB-PS/2 Optical Mouse] on usb-0000:00:1d.0-2.3
input: Microsoft Microsoft SideWinder Precision Pro (USB) as /class/input/input2
input: USB HID v1.00 Joystick [Microsoft Microsoft SideWinder Precision Pro (USB)] on
usb-0000:00:1d.0-2.4
usbcore: registered new interface driver usbhid
drivers/usb/input/hid-core.c: v2.6:USB HID core driver
ata2: SATA link down (SStatus 0 SControl 300)
scsi2 : ahci
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```
ata3: SATA link up 1.5 Gbps (SStatus 113 SControl 300)
ata3.00: ATA-6, max UDMA/100, 160836480 sectors: LBA48
ata3.00: ata3: dev 0 multi count 0
ata3.00: configured for UDMA/100
scsi3 : ahci
ata4: SATA link down (SStatus 0 SControl 300)
scsi4 : ahci
ata5: SATA link down (SStatus 0 SControl 300)
scsi5 : ahci
ata6: SATA link down (SStatus 0 SControl 300)
scsi 0:0:0:0: Direct-Access ATA WDC WD740GD-00FL 33.0 PQ: 0 ANSI: 5
scsi 2:0:0:0: Direct-Access ATA HDS722580VLSA80 V320 PQ: 0 ANSI: 5
ACPI: PCI Interrupt 0000:03:00.0[A] -> GSI 16 (level, low) -> IRQ 16
PCI: Setting latency timer of device 0000:03:00.0 to 64
ahci 0000:03:00.0: AHCI 0001.0000 32 slots 2 ports 3 Gbps 0x3 impl SATA mode
ahci 0000:03:00.0: flags: 64bit ncq pm led clo pmp pio slum part
ata7: SATA max UDMA/133 cmd 0xFFFFFC200000C4100 ctl 0x0 bmdma 0x0 irq 16
ata8: SATA max UDMA/133 cmd 0xFFFFFC200000C4180 ctl 0x0 bmdma 0x0 irq 16
scsi6 : ahci
ata7: SATA link down (SStatus 0 SControl 300)
scsi7 : ahci
ata8: SATA link down (SStatus 0 SControl 300)
SCSI device sda: 145226112 512-byte hdwr sectors (74356 MB)
sda: Write Protect is off
sda: Mode Sense: 00 3a 00 00
SCSI device sda: drive cache: write back
SCSI device sda: 145226112 512-byte hdwr sectors (74356 MB)
sda: Write Protect is off
sda: Mode Sense: 00 3a 00 00
SCSI device sda: drive cache: write back
sda: sda1 sda2 sda3 < sda5 sda6 >
sd 0:0:0:0: Attached scsi disk sda
SCSI device sdb: 160836480 512-byte hdwr sectors (82348 MB)
sdb: Write Protect is off
sdb: Mode Sense: 00 3a 00 00
SCSI device sdb: drive cache: write back
SCSI device sdb: 160836480 512-byte hdwr sectors (82348 MB)
sdb: Write Protect is off
sdb: Mode Sense: 00 3a 00 00
SCSI device sdb: drive cache: write back
sdb: sdb1 sdb3 < sdb5 sdb6 >
sd 2:0:0:0: Attached scsi disk sdb
kjournald starting. Commit interval 5 seconds
EXT3-fs: mounted filesystem with ordered data mode.
eth1394: eth0: IEEE-1394 IPv4 over 1394 Ethernet (fw-host0)
eth1394: eth1: IEEE-1394 IPv4 over 1394 Ethernet (fw-host1)
agpgart: Detected an Intel 965G Chipset.
agpgart: AGP aperture is 256M @ 0x0
input: PC Speaker as /class/input/input3
ACPI: PCI Interrupt 0000:02:00.0[A] -> GSI 17 (level, low) -> IRQ 17
PCI: Setting latency timer of device 0000:02:00.0 to 64
```

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```
sky2 v1.10 addr 0xfe8fc000 irq 17 Yukon-EC Ultra (0xb4) rev 2
sky2 eth0: addr 00:18:f3:c6:8a:c1
Floppy drive(s): fd0 is 1.44M
FDC 0 is a post-1991 82077
ACPI: PCI Interrupt 0000:03:00.1[B] -> GSI 17 (level, low) -> IRQ 17
PCI: Setting latency timer of device 0000:03:00.1 to 64
ata9: PATA max UDMA/100 cmd 0xBC00 ctl 0xB882 bmdma 0xB400 irq 17
ata10: PATA max UDMA/100 cmd 0xB800 ctl 0xB482 bmdma 0xB408 irq 17
scsi8 : pata_jmicron
ata9.00: ATAPI, max UDMA/33
ata9.01: ATAPI, max UDMA/66
ata9.00: configured for UDMA/33
ata9.01: configured for UDMA/66
scsi9 : pata_jmicron
ATA: abnormal status 0x7F on port 0xB807
scsi 8:0:0:0: CD-ROM BENQ DVD DD DW1640 BSRB PQ: 0 ANSI: 5
scsi 8:0:1:0: CD-ROM PIONEER DVD-ROM DVD-106 1.22 PQ: 0 ANSI: 5
PCI: Enabling device 0000:00:1f.3 (0001 -> 0003)
ACPI: PCI Interrupt 0000:00:1f.3[C] -> GSI 18 (level, low) -> IRQ 18
ACPI: PCI Interrupt 0000:05:02.0[A] -> GSI 23 (level, low) -> IRQ 23
sr0: scsi3-mmc drive: 48x/48x writer cd/rw xa/form2 cdda tray
Uniform CD-ROM driver Revision: 3.20
sr 8:0:0:0: Attached scsi CD-ROM sr0
sr1: scsi3-mmc drive: 40x/40x cd/rw xa/form2 cdda tray
sr 8:0:1:0: Attached scsi CD-ROM sr1
sd 0:0:0:0: Attached scsi generic sg0 type 0
sd 2:0:0:0: Attached scsi generic sg1 type 0
sr 8:0:0:0: Attached scsi generic sg2 type 5
sr 8:0:1:0: Attached scsi generic sg3 type 5
Adding 3212960k swap on /dev/sdb1. Priority:-1 extents:1 across:3212960k
EXT3 FS on sda6, internal journal
TCP cubic registered
fuse init (API version 7.7)
device-mapper: ioctl: 4.10.0-ioctl (2006-09-14) initialised: dm-devel@xxxxxxxxxx
kjournald starting. Commit interval 5 seconds
EXT3 FS on sda2, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
kjournald starting. Commit interval 5 seconds
EXT3 FS on sdb6, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
kjournald starting. Commit interval 5 seconds
EXT3 FS on sdb5, internal journal
EXT3-fs: mounted filesystem with ordered data mode.
sky2 eth0: enabling interface
NET: Registered protocol family 17
sky2 eth0: Link is up at 100 Mbps, full duplex, flow control both
NET: Registered protocol family 10
lo: Disabled Privacy Extensions
Mobile IPv6
ACPI: Power Button (FF) [PWRF]
ACPI: Power Button (CM) [PWRB]
```

OOPS in 2.6.19.1, connected to nfs4 and autofs4

Unable to handle kernel NULL pointer dereference at 0000000000000010 RIP:

[<ffffffff8836a19e>] :nfs:nfs_update_inode+0x93/0x578

PGD 18377067 PUD 1812f067 PMD 0

Oops: 0000 [1] PREEMPT SMP

CPU 0

Modules linked in: snd_rtctimer binfmt_misc cpufreq_userspace cpufreq_powersave rpcsec_gss_krb5 auth_rpcgss nfs lockd nfs_acl sunrpc button ac battery autofs4 ipv6 af_packet dm_snapshot dm_mirror dm_mod kvm_intel kvm fuse w83781d hwmon_vid hwmon i2c_isa eeprom speedstep_centrino cpufreq_conservative cpufreq_ondemand freq_table tcp_cubic snd_emu10k1_synth snd_emux_synth snd_seq_virmidi snd_seq_midi_emul snd_seq_dummy snd_seq_oss snd_seq_midi snd_seq_midi_event snd_seq_sg sr_mod cdrom snd_emu10k1 snd_rawmidi snd_ac97_codec snd_ac97_bus snd_pcm_oss snd_mixer_oss snd_pcm snd_seq_device snd_timer snd_page_alloc snd_util_mem snd_hwdep psmouse snd serio_raw i2c_i801 pata_jmicron floppy sky2 pcspkr soundcore intel_agp joydev evdev eth1394 ext3 jbd mbcache sd_mod usbhid ff_memless ohci1394 ieee1394 ehci_hcd ahci libata scsi_mod uhci_hcd usbcore thermal processor fan unix

Pid: 5938, comm: umount Not tainted 2.6.19.1 #1

RIP: 0010:<ffffffff8836a19e> [<ffffffff8836a19e>] :nfs:nfs_update_inode+0x93/0x578

RSP: 0018:ffff8100183cdc88 EFLAGS: 00010246

RAX: 0000000000000000 RBX: ffff8100353562d0 RCX: 000000000000081a4

RDX: ffff810029d1cbc0 RSI: ffff8100353562d0 RDI: ffff81002b50e1b8

RBP: ffff81002b50e1b8 R08: 000000000000081a4 R09: 0000000000000000

R10: 0000000000000000 R11: ffff810037ff5680 R12: ffff81002b50e000

R13: ffff81002b50e1b8 R14: ffff81003e45e0c0 R15: ffff8100353562d0

FS: 00002ba98e1b41f0(0000) GS:ffffffffff81248000(0000) knlGS:0000000000000000

CS: 0010 DS: 0000 ES: 0000 CR0: 000000008005003b

CR2: 0000000000000010 CR3: 000000001d76f000 CR4: 000000000000026e0

Process umount (pid: 5938, threadinfo ffff8100183cc000, task ffff81002c05a1c0)

Stack: ffff81002b50e1b8 ffff8100353562d0 ffff81002b50e26c ffff81002b50e1b8

ffff81003e45e0c0 ffffffff8836b691 ffff810035356200 0000000000000000

ffff81001f451e40 ffffffff88379a33 ffff810023edc5e0 ffff810029d1cbc0

Call Trace:

[<ffffffff8836b691>] :nfs:nfs_post_op_update_inode+0x36/0x47

[<ffffffff88379a33>] :nfs:nfs4_proc_delegreturn+0x142/0x1a3

[<ffffffff883848f3>] :nfs:nfs_do_return_delegation+0x17/0x2a

[<ffffffff88368c14>] :nfs:nfs_dentry_iput+0x1b/0x4f

[<ffffffff810ab079>] shrink_dcache_for_umount_subtree+0x20f/0x264

[<ffffffff810ab68f>] shrink_dcache_for_umount+0x35/0x43

[<ffffffff810a561e>] generic_shutdown_super+0x1b/0x11d

[<ffffffff810a576a>] kill_anon_super+0xf/0x36

[<ffffffff8836bed4>] :nfs:nfs_kill_super+0xd/0x16

[<ffffffff810a57f5>] deactivate_super+0x49/0x61

[<ffffffff810ad521>] expire_mount_list+0x124/0x164

[<ffffffff810ad597>] shrink_submounts+0x36/0xdc

[<ffffffff810ad73f>] sys_umount+0x102/0x228

[<ffffffff81020c16>] sys_newstat+0x19/0x31

[<ffffffff8105611e>] system_call+0x7e/0x83

Code: 48 3b 68 10 75 2a 48 8d 8a b0 00 00 00 48 8d 43 60 48 8b 73

RIP [<ffffffff8836a19e>] :nfs:nfs_update_inode+0x93/0x578

RSP <ffff8100183cdc88>

```
CR2: 0000000000000010
<6>note: umount[5938] exited with preempt_count 1
#
# Automatically generated make config: don't edit
# Linux kernel version: 2.6.19.1
# Thu Dec 21 19:47:42 2006
#
CONFIG_X86_64=y
CONFIG_64BIT=y
CONFIG_X86=y
CONFIG_ZONE_DMA32=y
CONFIG_LOCKDEP_SUPPORT=y
CONFIG_STACKTRACE_SUPPORT=y
CONFIG_SEMAPHORE_SLEEPERS=y
CONFIG_MMU=y
CONFIG_RWSEM_GENERIC_SPINLOCK=y
CONFIG_GENERIC_HWEIGHT=y
CONFIG_GENERIC_CALIBRATE_DELAY=y
CONFIG_X86_CMPXCHG=y
CONFIG_EARLY_PRINTK=y
CONFIG_GENERIC_ISA_DMA=y
CONFIG_GENERIC_IOMAP=y
CONFIG_ARCH_MAY_HAVE_PC_FDC=y
CONFIG_ARCH_POPULATES_NODE_MAP=y
CONFIG_DMI=y
CONFIG_AUDIT_ARCH=y
CONFIG_DEFCONFIG_LIST="/lib/modules/$UNAME_RELEASE/.config"

#
# Code maturity level options
#
CONFIG_EXPERIMENTAL=y
CONFIG_LOCK_KERNEL=y
CONFIG_INIT_ENV_ARG_LIMIT=32

#
# General setup
#
CONFIG_LOCALVERSION=""
CONFIG_LOCALVERSION_AUTO=y
CONFIG_SWAP=y
CONFIG_SYSVIPC=y
CONFIG_IPC_NS=y
CONFIG_POSIX_MQUEUE=y
CONFIG_BSD_PROCESS_ACCT=y
CONFIG_BSD_PROCESS_ACCT_V3=y
# CONFIG_TASKSTATS is not set
CONFIG_UTS_NS=y
# CONFIG_AUDIT is not set
CONFIG_IKCONFIG=y
CONFIG_IKCONFIG_PROC=y
```

```
# CONFIG_CPUSETS is not set
CONFIG_RELAY=y
CONFIG_INITRAMFS_SOURCE=""
CONFIG_CC_OPTIMIZE_FOR_SIZE=y
CONFIG_SYSCTL=y
# CONFIG_EMBEDDED is not set
CONFIG_UID16=y
CONFIG_SYSCTL_SYSCALL=y
CONFIG_KALLSYMS=y
# CONFIG_KALLSYMS_EXTRA_PASS is not set
CONFIG_HOTPLUG=y
CONFIG_PRINTK=y
CONFIG_BUG=y
CONFIG_ELF_CORE=y
CONFIG_BASE_FULL=y
CONFIG_FUTEX=y
CONFIG_EPOLL=y
CONFIG_SHMEM=y
CONFIG_SLAB=y
CONFIG_VM_EVENT_COUNTERS=y
CONFIG_RT_MUTEXES=y
# CONFIG_TINY_SHMEM is not set
CONFIG_BASE_SMALL=0
# CONFIG_SLOB is not set

#
# Loadable module support
#
CONFIG_MODULES=y
CONFIG_MODULE_UNLOAD=y
CONFIG_MODULE_FORCE_UNLOAD=y
CONFIG_MODVERSIONS=y
# CONFIG_MODULE_SRCVERSION_ALL is not set
CONFIG_KMOD=y
CONFIG_STOP_MACHINE=y

#
# Block layer
#
CONFIG_BLOCK=y
# CONFIG_LBD is not set
# CONFIG_BLK_DEV_IO_TRACE is not set
# CONFIG_LSF is not set

#
# IO Schedulers
#
CONFIG_IOSCHED_NOOP=y
# CONFIG_IOSCHED_AS is not set
# CONFIG_IOSCHED_DEADLINE is not set
CONFIG_IOSCHED_CFQ=y
```

OOPS in 2.6.19.1, connected to nfs4 and autofs4

```
# CONFIG_DEFAULT_AS is not set
# CONFIG_DEFAULT_DEADLINE is not set
CONFIG_DEFAULT_CFQ=y
# CONFIG_DEFAULT_NOOP is not set
CONFIG_DEFAULT_IOSCHED="cfq"

#
# Processor type and features
#
CONFIG_X86_PC=y
# CONFIG_X86_VSMP is not set
# CONFIG_MK8 is not set
CONFIG_MPSC=y
# CONFIG_GENERIC_CPU is not set
CONFIG_X86_L1_CACHE_BYTES=128
CONFIG_X86_L1_CACHE_SHIFT=7
CONFIG_X86_INTERNODE_CACHE_BYTES=128
CONFIG_X86_TSC=y
CONFIG_X86_GOOD_APIC=y
CONFIG_MICROCODE=m
CONFIG_MICROCODE_OLD_INTERFACE=y
CONFIG_X86_MSR=m
CONFIG_X86_CPUID=m
CONFIG_X86_HT=y
CONFIG_X86_IO_APIC=y
CONFIG_X86_LOCAL_APIC=y
CONFIG_MTRR=y
CONFIG_SMP=y
# CONFIG_SCHED_SMT is not set
CONFIG_SCHED_MC=y
# CONFIG_PREEMPT_NONE is not set
# CONFIG_PREEMPT_VOLUNTARY is not set
CONFIG_PREEMPT=y
CONFIG_PREEMPT_BKL=y
# CONFIG_NUMA is not set
CONFIG_ARCH_SPARSEMEM_ENABLE=y
CONFIG_ARCH_FLATMEM_ENABLE=y
CONFIG_SELECT_MEMORY_MODEL=y
CONFIG_FLATMEM_MANUAL=y
# CONFIG_DISCONTIGMEM_MANUAL is not set
# CONFIG_SPARSEMEM_MANUAL is not set
CONFIG_FLATMEM=y
CONFIG_FLAT_NODE_MEM_MAP=y
# CONFIG_SPARSEMEM_STATIC is not set
CONFIG_SPLIT_PTLOCK_CPUS=4
CONFIG_RESOURCES_64BIT=y
CONFIG_NR_CPUS=8
# CONFIG_HOTPLUG_CPU is not set
CONFIG_ARCH_ENABLE_MEMORY_HOTPLUG=y
CONFIG_HPET_TIMER=y
CONFIG_HPET_EMULATE_RTC=y
```

```
CONFIG_IOMMU=y
CONFIG_CALGARY_IOMMU=y
CONFIG_SWIOTLB=y
CONFIG_X86_MCE=y
CONFIG_X86_MCE_INTEL=y
# CONFIG_X86_MCE_AMD is not set
CONFIG_KEXEC=y
CONFIG_CRASH_DUMP=y
CONFIG_PHYSICAL_START=0x1000000
CONFIG_SECCOMP=y
# CONFIG_CC_STACKPROTECTOR is not set
# CONFIG_HZ_100 is not set
CONFIG_HZ_250=y
# CONFIG_HZ_1000 is not set
CONFIG_HZ=250
CONFIG_REORDER=y
CONFIG_K8_NB=y
CONFIG_GENERIC_HARDIRQS=y
CONFIG_GENERIC_IRQ_PROBE=y
CONFIG_ISA_DMA_API=y
CONFIG_GENERIC_PENDING_IRQ=y

#
# Power management options
#
CONFIG_PM=y
# CONFIG_PM_LEGACY is not set
# CONFIG_PM_DEBUG is not set
# CONFIG_PM_SYSFS_DEPRECATED is not set

#
# ACPI (Advanced Configuration and Power Interface) Support
#
CONFIG_ACPI=y
CONFIG_ACPI_AC=m
CONFIG_ACPI_BATTERY=m
CONFIG_ACPI_BUTTON=m
CONFIG_ACPI_VIDEO=m
CONFIG_ACPI_HOTKEY=m
CONFIG_ACPI_FAN=m
# CONFIG_ACPI_DOCK is not set
CONFIG_ACPI_PROCESSOR=m
CONFIG_ACPI_THERMAL=m
# CONFIG_ACPI_ASUS is not set
# CONFIG_ACPI_IBM is not set
# CONFIG_ACPI_TOSHIBA is not set
CONFIG_ACPI_BLACKLIST_YEAR=0
# CONFIG_ACPI_DEBUG is not set
CONFIG_ACPI_EC=y
CONFIG_ACPI_POWER=y
CONFIG_ACPI_SYSTEM=y
```

OOPS in 2.6.19.1, connected to nfs4 and autofs4

```
CONFIG_X86_PM_TIMER=y
# CONFIG_ACPI_CONTAINER is not set
# CONFIG_ACPI_SBS is not set

#
# CPU Frequency scaling
#
CONFIG_CPU_FREQ=y
CONFIG_CPU_FREQ_TABLE=m
# CONFIG_CPU_FREQ_DEBUG is not set
CONFIG_CPU_FREQ_STAT=m
# CONFIG_CPU_FREQ_STAT_DETAILS is not set
CONFIG_CPU_FREQ_DEFAULT_GOV_PERFORMANCE=y
# CONFIG_CPU_FREQ_DEFAULT_GOV_USERSPACE is not set
CONFIG_CPU_FREQ_GOV_PERFORMANCE=y
CONFIG_CPU_FREQ_GOV_POWERSAVE=m
CONFIG_CPU_FREQ_GOV_USERSPACE=m
CONFIG_CPU_FREQ_GOV_ONDEMAND=m
CONFIG_CPU_FREQ_GOV_CONSERVATIVE=m

#
# CPUFreq processor drivers
#
# CONFIG_X86_POWERNOW_K8 is not set
CONFIG_X86_SPEEDSTEP_CENTRINO=m
CONFIG_X86_SPEEDSTEP_CENTRINO_ACPI=y
# CONFIG_X86_ACPI_CPUFREQ is not set

#
# shared options
#
# CONFIG_X86_ACPI_CPUFREQ_PROC_INTF is not set
# CONFIG_X86_SPEEDSTEP_LIB is not set

#
# Bus options (PCI etc.)
#
CONFIG_PCI=y
CONFIG_PCI_DIRECT=y
CONFIG_PCI_MMCONFIG=y
CONFIG_PCIEPORTBUS=y
CONFIG_HOTPLUG_PCI_PCIE=m
# CONFIG_HOTPLUG_PCI_PCIE_POLL_EVENT_MODE is not set
CONFIG_PCIEAER=y
CONFIG_PCI_MSI=y
CONFIG_HT_IRQ=y

#
# PCCARD (PCMCIA/CardBus) support
#
# CONFIG_PCCARD is not set
```

```
#
# PCI Hotplug Support
#
CONFIG_HOTPLUG_PCI=m
# CONFIG_HOTPLUG_PCI_FAKE is not set
CONFIG_HOTPLUG_PCI_ACPI=m
CONFIG_HOTPLUG_PCI_ACPI_IBM=m
# CONFIG_HOTPLUG_PCI_CPCI is not set
# CONFIG_HOTPLUG_PCI_SHPC is not set

#
# Executable file formats / Emulations
#
CONFIG_BINFMT_ELF=y
CONFIG_BINFMT_MISC=m
CONFIG_IA32_EMULATION=y
CONFIG_IA32_AOUT=m
CONFIG_COMPAT=y
CONFIG_SYSVIPC_COMPAT=y

#
# Networking
#
CONFIG_NET=y

#
# Networking options
#
# CONFIG_NETDEBUG is not set
CONFIG_PACKET=m
CONFIG_PACKET_MMAP=y
CONFIG_UNIX=m
CONFIG_XFRM=y
CONFIG_XFRM_USER=m
# CONFIG_XFRM_SUB_POLICY is not set
CONFIG_NET_KEY=m
CONFIG_INET=y
CONFIG_IP_MULTICAST=y
# CONFIG_IP_ADVANCED_ROUTER is not set
CONFIG_IP_FIB_HASH=y
# CONFIG_IP_PNP is not set
# CONFIG_NET_IPIP is not set
CONFIG_NET_IPGRE=m
CONFIG_NET_IPGRE_BROADCAST=y
CONFIG_IP_MROUTE=y
# CONFIG_IP_PIMSM_V1 is not set
CONFIG_IP_PIMSM_V2=y
# CONFIG_ARPD is not set
CONFIG_SYN_COOKIES=y
CONFIG_INET_AH=m
```

```
CONFIG_INET_ESP=m
CONFIG_INET_IPCOMP=m
CONFIG_INET_XFRM_TUNNEL=m
CONFIG_INET_TUNNEL=m
CONFIG_INET_XFRM_MODE_TRANSPORT=m
CONFIG_INET_XFRM_MODE_TUNNEL=m
CONFIG_INET_XFRM_MODE_BEET=m
CONFIG_INET_DIAG=m
CONFIG_INET_TCP_DIAG=m
CONFIG_TCP_CONG_ADVANCED=y
CONFIG_TCP_CONG_BIC=m
CONFIG_TCP_CONG_CUBIC=m
CONFIG_TCP_CONG_WESTWOOD=m
CONFIG_TCP_CONG_HTCP=m
CONFIG_TCP_CONG_HSTCP=m
CONFIG_TCP_CONG_HYBLA=m
CONFIG_TCP_CONG_VEGAS=m
CONFIG_TCP_CONG_SCALABLE=m
CONFIG_TCP_CONG_LP=m
CONFIG_TCP_CONG_VENO=m
# CONFIG_DEFAULT_BIC is not set
# CONFIG_DEFAULT_CUBIC is not set
# CONFIG_DEFAULT_HTCP is not set
# CONFIG_DEFAULT_VEGAS is not set
# CONFIG_DEFAULT_WESTWOOD is not set
CONFIG_DEFAULT_RENO=y
CONFIG_DEFAULT_TCP_CONG="reno"

#
# IP: Virtual Server Configuration
#
# CONFIG_IP_VS is not set
CONFIG_IPV6=m
CONFIG_IPV6_PRIVACY=y
CONFIG_IPV6_ROUTER_PREF=y
CONFIG_IPV6_ROUTE_INFO=y
CONFIG_INET6_AH=m
CONFIG_INET6_ESP=m
CONFIG_INET6_IPCOMP=m
CONFIG_IPV6_MIP6=y
CONFIG_INET6_XFRM_TUNNEL=m
CONFIG_INET6_TUNNEL=m
CONFIG_INET6_XFRM_MODE_TRANSPORT=m
CONFIG_INET6_XFRM_MODE_TUNNEL=m
CONFIG_INET6_XFRM_MODE_BEET=m
CONFIG_INET6_XFRM_MODE_ROUTEOPTIMIZATION=m
CONFIG_IPV6_SIT=m
CONFIG_IPV6_TUNNEL=m
CONFIG_IPV6_MULTIPLE_TABLES=y
CONFIG_IPV6_SUBTREES=y
CONFIG_IPV6_ROUTE_FWMARK=y
```

```
CONFIG_NETWORK_SECMARK=y
CONFIG_NETFILTER=y
# CONFIG_NETFILTER_DEBUG is not set
CONFIG_BRIDGE_NETFILTER=y

#
# Core Netfilter Configuration
#
CONFIG_NETFILTER_NETLINK=m
CONFIG_NETFILTER_NETLINK_QUEUE=m
CONFIG_NETFILTER_NETLINK_LOG=m
CONFIG_NETFILTER_XTABLES=m
CONFIG_NETFILTER_XT_TARGET_CLASSIFY=m
CONFIG_NETFILTER_XT_TARGET_CONNMARK=m
CONFIG_NETFILTER_XT_TARGET_DSCP=m
CONFIG_NETFILTER_XT_TARGET_MARK=m
CONFIG_NETFILTER_XT_TARGET_NFQUEUE=m
CONFIG_NETFILTER_XT_TARGET_NOTRACK=m
CONFIG_NETFILTER_XT_TARGET_SECMARK=m
CONFIG_NETFILTER_XT_TARGET_CONNSECMARK=m
CONFIG_NETFILTER_XT_MATCH_COMMENT=m
CONFIG_NETFILTER_XT_MATCH_CONNBYTES=m
CONFIG_NETFILTER_XT_MATCH_CONNMARK=m
CONFIG_NETFILTER_XT_MATCH_CONNTRACK=m
CONFIG_NETFILTER_XT_MATCH_DCCP=m
CONFIG_NETFILTER_XT_MATCH_DSCP=m
CONFIG_NETFILTER_XT_MATCH_ESP=m
CONFIG_NETFILTER_XT_MATCH_HELPER=m
CONFIG_NETFILTER_XT_MATCH_LENGTH=m
CONFIG_NETFILTER_XT_MATCH_LIMIT=m
CONFIG_NETFILTER_XT_MATCH_MAC=m
CONFIG_NETFILTER_XT_MATCH_MARK=m
CONFIG_NETFILTER_XT_MATCH_POLICY=m
CONFIG_NETFILTER_XT_MATCH_MULTIPORT=m
CONFIG_NETFILTER_XT_MATCH_PHYSDEV=m
CONFIG_NETFILTER_XT_MATCH_PKTTYPE=m
CONFIG_NETFILTER_XT_MATCH_QUOTA=m
CONFIG_NETFILTER_XT_MATCH_REALM=m
CONFIG_NETFILTER_XT_MATCH_SCTP=m
CONFIG_NETFILTER_XT_MATCH_STATE=m
CONFIG_NETFILTER_XT_MATCH_STATISTIC=m
CONFIG_NETFILTER_XT_MATCH_STRING=m
CONFIG_NETFILTER_XT_MATCH_TCPMSS=m

#
# IP: Netfilter Configuration
#
CONFIG_IP_NF_CONNTRACK=m
CONFIG_IP_NF_CT_ACCT=y
CONFIG_IP_NF_CONNTRACK_MARK=y
CONFIG_IP_NF_CONNTRACK_SECMARK=y
```

```
CONFIG_IP_NF_CONNTRACK_EVENTS=y
CONFIG_IP_NF_CONNTRACK_NETLINK=m
CONFIG_IP_NF_CT_PROTO_SCTP=m
CONFIG_IP_NF_FTP=m
CONFIG_IP_NF_IRC=m
CONFIG_IP_NF_NETBIOS_NS=m
CONFIG_IP_NF_TFTP=m
CONFIG_IP_NF_AMANDA=m
CONFIG_IP_NF_PPTP=m
CONFIG_IP_NF_H323=m
CONFIG_IP_NF_SIP=m
# CONFIG_IP_NF_QUEUE is not set
CONFIG_IP_NF_IPTABLES=m
CONFIG_IP_NF_MATCH_IPRANGE=m
CONFIG_IP_NF_MATCH_TOS=m
CONFIG_IP_NF_MATCH_RECENT=m
CONFIG_IP_NF_MATCH_ECN=m
CONFIG_IP_NF_MATCH_AH=m
CONFIG_IP_NF_MATCH_TTL=m
CONFIG_IP_NF_MATCH_OWNER=m
CONFIG_IP_NF_MATCH_ADDRTYPE=m
CONFIG_IP_NF_MATCH_HASHLIMIT=m
CONFIG_IP_NF_FILTER=m
CONFIG_IP_NF_TARGET_REJECT=m
CONFIG_IP_NF_TARGET_LOG=m
CONFIG_IP_NF_TARGET_ULOG=m
CONFIG_IP_NF_TARGET_TCPMSS=m
CONFIG_IP_NF_NAT=m
CONFIG_IP_NF_NAT_NEEDED=y
CONFIG_IP_NF_TARGET_MASQUERADE=m
CONFIG_IP_NF_TARGET_REDIRECT=m
CONFIG_IP_NF_TARGET_NETMAP=m
CONFIG_IP_NF_TARGET_SAME=m
CONFIG_IP_NF_NAT_SNMP_BASIC=m
CONFIG_IP_NF_NAT_IRC=m
CONFIG_IP_NF_NAT_FTP=m
CONFIG_IP_NF_NAT_TFTP=m
CONFIG_IP_NF_NAT_AMANDA=m
CONFIG_IP_NF_NAT_PPTP=m
CONFIG_IP_NF_NAT_H323=m
CONFIG_IP_NF_NAT_SIP=m
CONFIG_IP_NF_MANGLE=m
CONFIG_IP_NF_TARGET_TOS=m
CONFIG_IP_NF_TARGET_ECN=m
CONFIG_IP_NF_TARGET_TTL=m
CONFIG_IP_NF_TARGET_CLUSTERIP=m
CONFIG_IP_NF_RAW=m
CONFIG_IP_NF_ARPTABLES=m
CONFIG_IP_NF_ARPFILTER=m
CONFIG_IP_NF_ARP_MANGLE=m
```

```
#
# IPv6: Netfilter Configuration (EXPERIMENTAL)
#
# CONFIG_IP6_NF_QUEUE is not set
CONFIG_IP6_NF_IPTABLES=m
CONFIG_IP6_NF_MATCH_RT=m
CONFIG_IP6_NF_MATCH_OPTS=m
CONFIG_IP6_NF_MATCH_FRAG=m
CONFIG_IP6_NF_MATCH_HL=m
CONFIG_IP6_NF_MATCH_OWNER=m
CONFIG_IP6_NF_MATCH_IPV6HEADER=m
CONFIG_IP6_NF_MATCH_AH=m
CONFIG_IP6_NF_MATCH_EUI64=m
CONFIG_IP6_NF_FILTER=m
CONFIG_IP6_NF_TARGET_LOG=m
CONFIG_IP6_NF_TARGET_REJECT=m
CONFIG_IP6_NF_MANGLE=m
CONFIG_IP6_NF_TARGET_HL=m
CONFIG_IP6_NF_RAW=m

#
# Bridge: Netfilter Configuration
#
CONFIG_BRIDGE_NF_EBTABLES=m
CONFIG_BRIDGE_EBT_BROUTE=m
CONFIG_BRIDGE_EBT_T_FILTER=m
CONFIG_BRIDGE_EBT_T_NAT=m
CONFIG_BRIDGE_EBT_802_3=m
CONFIG_BRIDGE_EBT_AMONG=m
CONFIG_BRIDGE_EBT_ARP=m
CONFIG_BRIDGE_EBT_IP=m
CONFIG_BRIDGE_EBT_LIMIT=m
CONFIG_BRIDGE_EBT_MARK=m
CONFIG_BRIDGE_EBT_PKTTYPE=m
CONFIG_BRIDGE_EBT_STP=m
CONFIG_BRIDGE_EBT_VLAN=m
CONFIG_BRIDGE_EBT_ARPREPLY=m
CONFIG_BRIDGE_EBT_DNAT=m
CONFIG_BRIDGE_EBT_MARK_T=m
CONFIG_BRIDGE_EBT_REDIRECT=m
CONFIG_BRIDGE_EBT_SNAT=m
CONFIG_BRIDGE_EBT_LOG=m
CONFIG_BRIDGE_EBT_ULOG=m

#
# DCCP Configuration (EXPERIMENTAL)
#
CONFIG_IP_DCCP=m
CONFIG_INET_DCCP_DIAG=m
CONFIG_IP_DCCP_ACKVEC=y
```

```
#
# DCCP CCIDs Configuration (EXPERIMENTAL)
#
CONFIG_IP_DCCP_CCID2=m
# CONFIG_IP_DCCP_CCID2_DEBUG is not set
CONFIG_IP_DCCP_CCID3=m
CONFIG_IP_DCCP_TFRC_LIB=m

#
# SCTP Configuration (EXPERIMENTAL)
#
CONFIG_IP_SCTP=m
# CONFIG_SCTP_DBG_MSG is not set
# CONFIG_SCTP_DBG_OBJCNT is not set
# CONFIG_SCTP_HMAC_NONE is not set
CONFIG_SCTP_HMAC_SHA1=y
# CONFIG_SCTP_HMAC_MD5 is not set

#
# TIPC Configuration (EXPERIMENTAL)
#
CONFIG_TIPC=m
# CONFIG_TIPC_ADVANCED is not set
# CONFIG_TIPC_DEBUG is not set
# CONFIG_ATM is not set
CONFIG_BRIDGE=m
CONFIG_VLAN_8021Q=m
# CONFIG_DECNET is not set
CONFIG_LLC=m
# CONFIG_LLC2 is not set
# CONFIG_IPX is not set
# CONFIG_ATALK is not set
# CONFIG_X25 is not set
# CONFIG_LAPB is not set
# CONFIG_ECONET is not set
# CONFIG_WAN_ROUTER is not set

#
# QoS and/or fair queueing
#
# CONFIG_NET_SCHED is not set
CONFIG_NET_CLS_ROUTE=y

#
# Network testing
#
# CONFIG_NET_PKTGEN is not set
# CONFIG_HAMRADIO is not set
# CONFIG_IRDA is not set
# CONFIG_BT is not set
# CONFIG_IEEE80211 is not set
```

```
CONFIG_FIB_RULES=y

#
# Device Drivers
#

#
# Generic Driver Options
#
CONFIG_STANDALONE=y
CONFIG_PREVENT_FIRMWARE_BUILD=y
CONFIG_FW_LOADER=m
# CONFIG_SYS_HYPERVISOR is not set

#
# Connector – unified userspace <-> kernelspace linker
#
CONFIG_CONNECTOR=y
CONFIG_PROC_EVENTS=y

#
# Memory Technology Devices (MTD)
#
# CONFIG_MTD is not set

#
# Parallel port support
#
CONFIG_PARPORT=m
CONFIG_PARPORT_PC=m
# CONFIG_PARPORT_SERIAL is not set
CONFIG_PARPORT_PC_FIFO=y
CONFIG_PARPORT_PC_SUPERIO=y
CONFIG_PARPORT_NOT_PC=y
# CONFIG_PARPORT_GSC is not set
# CONFIG_PARPORT_AX88796 is not set
CONFIG_PARPORT_1284=y

#
# Plug and Play support
#
CONFIG_PNP=y
# CONFIG_PNP_DEBUG is not set

#
# Protocols
#
CONFIG_PNPACPI=y

#
# Block devices
```

```
#
CONFIG_BLK_DEV_FD=m
# CONFIG_PARIDE is not set
# CONFIG_BLK_CPQ_DA is not set
# CONFIG_BLK_CPQ_CISS_DA is not set
# CONFIG_BLK_DEV_DAC960 is not set
# CONFIG_BLK_DEV_UMEM is not set
# CONFIG_BLK_DEV_COW_COMMON is not set
CONFIG_BLK_DEV_LOOP=m
CONFIG_BLK_DEV_CRYPTOLOOP=m
CONFIG_BLK_DEV_NBD=m
# CONFIG_BLK_DEV_SX8 is not set
# CONFIG_BLK_DEV_UB is not set
CONFIG_BLK_DEV_RAM=y
CONFIG_BLK_DEV_RAM_COUNT=16
CONFIG_BLK_DEV_RAM_SIZE=4096
CONFIG_BLK_DEV_RAM_BLOCKSIZE=1024
CONFIG_BLK_DEV_INITRD=y
CONFIG_CDROM_PKTCDVD=m
CONFIG_CDROM_PKTCDVD_BUFFERS=8
# CONFIG_CDROM_PKTCDVD_WCACHE is not set
# CONFIG_ATA_OVER_ETH is not set

#
# Misc devices
#
# CONFIG_IBM_ASM is not set
# CONFIG_SGI_IOC4 is not set
# CONFIG_TIFM_CORE is not set
# CONFIG_MSI_LAPTOP is not set

#
# ATA/ATAPI/MFM/RLL support
#
# CONFIG_IDE is not set

#
# SCSI device support
#
# CONFIG_RAID_ATTRS is not set
CONFIG_SCSI=m
# CONFIG_SCSI_NETLINK is not set
CONFIG_SCSI_PROC_FS=y

#
# SCSI support type (disk, tape, CD-ROM)
#
CONFIG_BLK_DEV_SD=m
# CONFIG_CHR_DEV_ST is not set
# CONFIG_CHR_DEV_OSST is not set
CONFIG_BLK_DEV_SR=m
```

OOPS in 2.6.19.1, connected to nfs4 and autofs4

```
# CONFIG_BLK_DEV_SR_VENDOR is not set
CONFIG_CHR_DEV_SG=m
# CONFIG_CHR_DEV_SCH is not set

#
# Some SCSI devices (e.g. CD jukebox) support multiple LUNs
#
# CONFIG_SCSI_MULTI_LUN is not set
CONFIG_SCSI_CONSTANTS=y
# CONFIG_SCSI_LOGGING is not set

#
# SCSI Transports
#
CONFIG_SCSI_SPI_ATTRS=m
# CONFIG_SCSI_FC_ATTRS is not set
CONFIG_SCSI_ISCSI_ATTRS=m
# CONFIG_SCSI_SAS_ATTRS is not set
# CONFIG_SCSI_SAS_LIBSAS is not set

#
# SCSI low-level drivers
#
CONFIG_ISCSI_TCP=m
# CONFIG_BLK_DEV_3W_XXXX_RAID is not set
# CONFIG_SCSI_3W_9XXX is not set
# CONFIG_SCSI_ACARD is not set
# CONFIG_SCSI_AACRAID is not set
# CONFIG_SCSI_AIC7XXX is not set
# CONFIG_SCSI_AIC7XXX_OLD is not set
# CONFIG_SCSI_AIC79XX is not set
# CONFIG_SCSI_AIC94XX is not set
# CONFIG_SCSI_ARCMSR is not set
# CONFIG_MEGARAID_NEWGEN is not set
# CONFIG_MEGARAID_LEGACY is not set
# CONFIG_MEGARAID_SAS is not set
# CONFIG_SCSI_HPTIOP is not set
# CONFIG_SCSI_BUSLOGIC is not set
# CONFIG_SCSI_DMX3191D is not set
# CONFIG_SCSI_EATA is not set
# CONFIG_SCSI_FUTURE_DOMAIN is not set
# CONFIG_SCSI_GDTH is not set
# CONFIG_SCSI_IPS is not set
# CONFIG_SCSI_INITIO is not set
# CONFIG_SCSI_INIA100 is not set
# CONFIG_SCSI_PPA is not set
# CONFIG_SCSI_IMM is not set
# CONFIG_SCSI_STEX is not set
# CONFIG_SCSI_SYM53C8XX_2 is not set
# CONFIG_SCSI_IPR is not set
# CONFIG_SCSI_QLOGIC_1280 is not set
```

OOPS in 2.6.19.1, connected to nfs4 and autofs4

```
# CONFIG_SCSI_QLA_FC is not set
# CONFIG_SCSI_QLA_ISCSI is not set
# CONFIG_SCSI_LPFC is not set
# CONFIG_SCSI_DC395x is not set
# CONFIG_SCSI_DC390T is not set
# CONFIG_SCSI_DEBUG is not set

#
# Serial ATA (prod) and Parallel ATA (experimental) drivers
#
CONFIG_ATA=m
CONFIG_SATA_AHCI=m
# CONFIG_SATA_SVW is not set
# CONFIG_ATA_PIIX is not set
# CONFIG_SATA_MV is not set
# CONFIG_SATA_NV is not set
# CONFIG_PDC_ADMA is not set
# CONFIG_SATA_QSTOR is not set
# CONFIG_SATA_PROMISE is not set
# CONFIG_SATA_SX4 is not set
# CONFIG_SATA_SIL is not set
# CONFIG_SATA_SIL24 is not set
# CONFIG_SATA_SIS is not set
# CONFIG_SATA_ULI is not set
# CONFIG_SATA_VIA is not set
# CONFIG_SATA_VITESSE is not set
# CONFIG_PATA_ALI is not set
# CONFIG_PATA_AMD is not set
# CONFIG_PATA_ARTOP is not set
# CONFIG_PATA_ATIIXP is not set
# CONFIG_PATA_CMD64X is not set
# CONFIG_PATA_CS5520 is not set
# CONFIG_PATA_CS5530 is not set
# CONFIG_PATA_CYPRESS is not set
# CONFIG_PATA_EFAR is not set
# CONFIG_ATA_GENERIC is not set
# CONFIG_PATA_HPT366 is not set
# CONFIG_PATA_HPT37X is not set
# CONFIG_PATA_HPT3X2N is not set
# CONFIG_PATA_HPT3X3 is not set
# CONFIG_PATA_IT821X is not set
CONFIG_PATA_JMICRON=m
# CONFIG_PATA_TRIFLEX is not set
# CONFIG_PATA_MPIIX is not set
# CONFIG_PATA_OLDPIIX is not set
# CONFIG_PATA_NETCELL is not set
# CONFIG_PATA_NS87410 is not set
# CONFIG_PATA_OPTI is not set
# CONFIG_PATA_OPTIDMA is not set
# CONFIG_PATA_PDC_OLD is not set
# CONFIG_PATA_RADISYS is not set
```

OOPS in 2.6.19.1, connected to nfs4 and autofs4

```
# CONFIG_PATA_RZ1000 is not set
# CONFIG_PATA_SC1200 is not set
# CONFIG_PATA_SERVERWORKS is not set
# CONFIG_PATA_PDC2027X is not set
# CONFIG_PATA_SIL680 is not set
# CONFIG_PATA_SIS is not set
# CONFIG_PATA_VIA is not set
# CONFIG_PATA_WINBOND is not set

#
# Multi-device support (RAID and LVM)
#
CONFIG_MD=y
CONFIG_BLK_DEV_MD=m
CONFIG_MD_LINEAR=m
CONFIG_MD_RAID0=m
CONFIG_MD_RAID1=m
CONFIG_MD_RAID10=m
CONFIG_MD_RAID456=m
CONFIG_MD_RAID5_RESHAPE=y
CONFIG_MD_MULTIPATH=m
CONFIG_MD_FAULTY=m
CONFIG_BLK_DEV_DM=m
# CONFIG_DM_DEBUG is not set
CONFIG_DM_CRYPT=m
CONFIG_DM_SNAPSHOT=m
CONFIG_DM_MIRROR=m
CONFIG_DM_ZERO=m
CONFIG_DM_MULTIPATH=m
CONFIG_DM_MULTIPATH_EMCM=m

#
# Fusion MPT device support
#
# CONFIG_FUSION is not set
# CONFIG_FUSION_SPI is not set
# CONFIG_FUSION_FC is not set
# CONFIG_FUSION_SAS is not set

#
# IEEE 1394 (FireWire) support
#
CONFIG_IEEE1394=m

#
# Subsystem Options
#
# CONFIG_IEEE1394_VERBOSEDEBUG is not set
# CONFIG_IEEE1394_OUI_DB is not set
CONFIG_IEEE1394_EXTRA_CONFIG_ROMS=y
CONFIG_IEEE1394_CONFIG_ROM_IP1394=y
```

```
CONFIG_IEEE1394_EXPORT_FULL_API=y

#
# Device Drivers
#
CONFIG_IEEE1394_PCILYNX=m
CONFIG_IEEE1394_OHCI1394=m

#
# Protocol Drivers
#
CONFIG_IEEE1394_VIDEO1394=m
CONFIG_IEEE1394_SBP2=m
CONFIG_IEEE1394_ETH1394=m
CONFIG_IEEE1394_DV1394=m
CONFIG_IEEE1394_RAWIO=m

#
# I2O device support
#
CONFIG_I2O=m
CONFIG_I2O_LCT_NOTIFY_ON_CHANGES=y
CONFIG_I2O_EXT_ADAPTEC=y
CONFIG_I2O_EXT_ADAPTEC_DMA64=y
CONFIG_I2O_CONFIG=m
CONFIG_I2O_CONFIG_OLD_IOCTL=y
CONFIG_I2O_BUS=m
CONFIG_I2O_BLOCK=m
CONFIG_I2O_SCSI=m
CONFIG_I2O_PROC=m

#
# Network device support
#
CONFIG_NETDEVICES=y
# CONFIG_DUMMY is not set
CONFIG_BONDING=m
# CONFIG_EQUALIZER is not set
CONFIG_TUN=m
# CONFIG_NET_SB1000 is not set

#
# ARCnet devices
#
# CONFIG_ARCNET is not set

#
# PHY device support
#

#
```

OOPS in 2.6.19.1, connected to nfs4 and autofs4

```
# Ethernet (10 or 100Mbit)
#
# CONFIG_NET_ETHERNET is not set
CONFIG_MII=m
```

```
#
# Ethernet (1000 Mbit)
#
# CONFIG_ACENIC is not set
# CONFIG_DL2K is not set
# CONFIG_E1000 is not set
# CONFIG_NS83820 is not set
# CONFIG_HAMACHI is not set
# CONFIG_YELLOWFIN is not set
# CONFIG_R8169 is not set
# CONFIG_SIS190 is not set
# CONFIG_SKGE is not set
CONFIG_SKY2=m
# CONFIG_SK98LIN is not set
# CONFIG_TIGON3 is not set
# CONFIG_BNX2 is not set
# CONFIG_QLA3XXX is not set
```

```
#
# Ethernet (10000 Mbit)
#
# CONFIG_CHELSIO_T1 is not set
# CONFIG_IXGB is not set
# CONFIG_S2IO is not set
# CONFIG_MYRI10GE is not set
```

```
#
# Token Ring devices
#
# CONFIG_TR is not set
```

```
#
# Wireless LAN (non-hamradio)
#
# CONFIG_NET_RADIO is not set
```

```
#
# Wan interfaces
#
# CONFIG_WAN is not set
# CONFIG_FDDI is not set
# CONFIG_HIPPI is not set
# CONFIG_PLIP is not set
CONFIG_PPP=m
CONFIG_PPP_MULTILINK=y
CONFIG_PPP_FILTER=y
```

```
CONFIG_PPP_ASYNC=m
CONFIG_PPP_SYNC_TTY=m
CONFIG_PPP_DEFLATE=m
CONFIG_PPP_BSDCOMP=m
CONFIG_PPP_MPPE=m
CONFIG_PPPOE=m
# CONFIG_SLIP is not set
CONFIG_SLHC=m
# CONFIG_NET_FC is not set
# CONFIG_SHAPER is not set
CONFIG_NETCONSOLE=m
CONFIG_NETPOLL=y
CONFIG_NETPOLL_RX=y
CONFIG_NETPOLL_TRAP=y
CONFIG_NET_POLL_CONTROLLER=y

#
# ISDN subsystem
#
# CONFIG_ISDN is not set

#
# Telephony Support
#
# CONFIG_PHONE is not set

#
# Input device support
#
CONFIG_INPUT=y
CONFIG_INPUT_FF_MEMLESS=m

#
# Userland interfaces
#
CONFIG_INPUT_MOUSEDEV=y
# CONFIG_INPUT_MOUSEDEV_PSAUX is not set
CONFIG_INPUT_MOUSEDEV_SCREEN_X=1280
CONFIG_INPUT_MOUSEDEV_SCREEN_Y=1024
CONFIG_INPUT_JOYDEV=m
# CONFIG_INPUT_TSDEV is not set
CONFIG_INPUT_EVDEV=m
# CONFIG_INPUT_EVBUG is not set

#
# Input Device Drivers
#
CONFIG_INPUT_KEYBOARD=y
CONFIG_KEYBOARD_ATKBD=y
# CONFIG_KEYBOARD_SUNKBD is not set
# CONFIG_KEYBOARD_LKKBD is not set
```

```
# CONFIG_KEYBOARD_XTKBD is not set
# CONFIG_KEYBOARD_NEWTON is not set
# CONFIG_KEYBOARD_STOWAWAY is not set
CONFIG_INPUT_MOUSE=y
CONFIG_MOUSE_PS2=m
# CONFIG_MOUSE_SERIAL is not set
# CONFIG_MOUSE_VSXXXAA is not set
CONFIG_INPUT_JOYSTICK=y
# CONFIG_JOYSTICK_ANALOG is not set
# CONFIG_JOYSTICK_A3D is not set
# CONFIG_JOYSTICK_ADI is not set
# CONFIG_JOYSTICK_COBRA is not set
# CONFIG_JOYSTICK_GF2K is not set
# CONFIG_JOYSTICK_GRIP is not set
# CONFIG_JOYSTICK_GRIP_MP is not set
# CONFIG_JOYSTICK_GUILLEMOT is not set
# CONFIG_JOYSTICK_INTERACT is not set
# CONFIG_JOYSTICK_SIDEWINDER is not set
# CONFIG_JOYSTICK_TMDC is not set
CONFIG_JOYSTICK_IFORCE=m
CONFIG_JOYSTICK_IFORCE_USB=y
# CONFIG_JOYSTICK_IFORCE_232 is not set
# CONFIG_JOYSTICK_WARRIOR is not set
# CONFIG_JOYSTICK_MAGELLAN is not set
# CONFIG_JOYSTICK_SPACEORB is not set
# CONFIG_JOYSTICK_SPACEBALL is not set
# CONFIG_JOYSTICK_STINGER is not set
# CONFIG_JOYSTICK_TWIDJOY is not set
CONFIG_JOYSTICK_DB9=m
# CONFIG_JOYSTICK_GAMECON is not set
# CONFIG_JOYSTICK_TURBOGRAFX is not set
# CONFIG_JOYSTICK_JOYDUMP is not set
# CONFIG_INPUT_TOUCHSCREEN is not set
CONFIG_INPUT_MISC=y
CONFIG_INPUT_PCSPKR=m
CONFIG_INPUT_UINPUT=m

#
# Hardware I/O ports
#
CONFIG_SERIO=y
CONFIG_SERIO_I8042=y
CONFIG_SERIO_SERPORT=y
# CONFIG_SERIO_CT82C710 is not set
# CONFIG_SERIO_PARKBD is not set
# CONFIG_SERIO_PCIPS2 is not set
CONFIG_SERIO_LIBPS2=y
CONFIG_SERIO_RAW=m
CONFIG_GAMEPORT=m
# CONFIG_GAMEPORT_NS558 is not set
# CONFIG_GAMEPORT_L4 is not set
```

OOPS in 2.6.19.1, connected to nfs4 and autofs4

```
# CONFIG_GAMEPORT_EMU10K1 is not set
# CONFIG_GAMEPORT_FM801 is not set

#
# Character devices
#
CONFIG_VT=y
CONFIG_VT_CONSOLE=y
CONFIG_HW_CONSOLE=y
CONFIG_VT_HW_CONSOLE_BINDING=y
# CONFIG_SERIAL_NONSTANDARD is not set

#
# Serial drivers
#
CONFIG_SERIAL_8250=y
CONFIG_SERIAL_8250_CONSOLE=y
CONFIG_SERIAL_8250_PCI=y
CONFIG_SERIAL_8250_PNP=y
CONFIG_SERIAL_8250_NR_UARTS=2
CONFIG_SERIAL_8250_RUNTIME_UARTS=2
# CONFIG_SERIAL_8250_EXTENDED is not set

#
# Non-8250 serial port support
#
CONFIG_SERIAL_CORE=y
CONFIG_SERIAL_CORE_CONSOLE=y
# CONFIG_SERIAL_JSM is not set
CONFIG_UNIX98_PTYS=y
CONFIG_LEGACY_PTYS=y
CONFIG_LEGACY_PTY_COUNT=256
CONFIG_PRINTER=m
# CONFIG_LP_CONSOLE is not set
CONFIG_PPDEV=m
# CONFIG_TIPAR is not set

#
# IPMI
#
# CONFIG_IPMI_HANDLER is not set

#
# Watchdog Cards
#
# CONFIG_WATCHDOG is not set
CONFIG_HW_RANDOM=y
CONFIG_HW_RANDOM_INTEL=m
# CONFIG_HW_RANDOM_AMD is not set
# CONFIG_HW_RANDOM_GEODE is not set
# CONFIG_NVRAM is not set
```

```
CONFIG_RTC=y
# CONFIG_DTLK is not set
# CONFIG_R3964 is not set
# CONFIG_APPLICOM is not set

#
# Ftape, the floppy tape device driver
#
CONFIG_AGP=y
CONFIG_AGP_AMD64=y
CONFIG_AGP_INTEL=m
# CONFIG_AGP_SIS is not set
# CONFIG_AGP_VIA is not set
# CONFIG_DRM is not set
# CONFIG_MWAVE is not set
# CONFIG_PC8736x_GPIO is not set
# CONFIG_RAW_DRIVER is not set
CONFIG_HPET=y
# CONFIG_HPET_RTC_IRQ is not set
CONFIG_HPET_MMAP=y
# CONFIG_HANGCHECK_TIMER is not set

#
# TPM devices
#
# CONFIG_TCG_TPM is not set
# CONFIG_TELCLOCK is not set

#
# I2C support
#
CONFIG_I2C=y
CONFIG_I2C_CHARDEV=m

#
# I2C Algorithms
#
CONFIG_I2C_ALGOBIT=m
CONFIG_I2C_ALGOPCF=m
CONFIG_I2C_ALGOPCA=m

#
# I2C Hardware Bus support
#
# CONFIG_I2C_ALI1535 is not set
# CONFIG_I2C_ALI1563 is not set
# CONFIG_I2C_ALI15X3 is not set
# CONFIG_I2C_AMD756 is not set
# CONFIG_I2C_AMD8111 is not set
CONFIG_I2C_I801=m
# CONFIG_I2C_I810 is not set
```

OOPS in 2.6.19.1, connected to nfs4 and autofs4

```
# CONFIG_I2C_PIIX4 is not set
CONFIG_I2C_ISA=m
# CONFIG_I2C_NFORCE2 is not set
# CONFIG_I2C_OCORES is not set
# CONFIG_I2C_PARPORT is not set
# CONFIG_I2C_PARPORT_LIGHT is not set
# CONFIG_I2C_PROSAVAGE is not set
# CONFIG_I2C_SAVAGE4 is not set
# CONFIG_I2C_SIS5595 is not set
# CONFIG_I2C_SIS630 is not set
# CONFIG_I2C_SIS96X is not set
# CONFIG_I2C_STUB is not set
# CONFIG_I2C_VIA is not set
# CONFIG_I2C_VIAPRO is not set
# CONFIG_I2C_VOODOO3 is not set
# CONFIG_I2C_PCA_ISA is not set

#
# Miscellaneous I2C Chip support
#
# CONFIG_SENSORS_DS1337 is not set
# CONFIG_SENSORS_DS1374 is not set
CONFIG_SENSORS_EEPROM=m
# CONFIG_SENSORS_PCF8574 is not set
# CONFIG_SENSORS_PCA9539 is not set
# CONFIG_SENSORS_PCF8591 is not set
# CONFIG_SENSORS_MAX6875 is not set
# CONFIG_I2C_DEBUG_CORE is not set
# CONFIG_I2C_DEBUG_ALGO is not set
# CONFIG_I2C_DEBUG_BUS is not set
# CONFIG_I2C_DEBUG_CHIP is not set

#
# SPI support
#
# CONFIG_SPI is not set
# CONFIG_SPI_MASTER is not set

#
# Dallas's 1-wire bus
#
# CONFIG_W1 is not set

#
# Hardware Monitoring support
#
CONFIG_HWMON=m
CONFIG_HWMON_VID=m
# CONFIG_SENSORS_ABITUGURU is not set
# CONFIG_SENSORS_ADM1021 is not set
# CONFIG_SENSORS_ADM1025 is not set
```

```
# CONFIG_SENSORS_ADM1026 is not set
# CONFIG_SENSORS_ADM1031 is not set
# CONFIG_SENSORS_ADM9240 is not set
# CONFIG_SENSORS_K8TEMP is not set
# CONFIG_SENSORS_ASB100 is not set
# CONFIG_SENSORS_ATXP1 is not set
# CONFIG_SENSORS_DS1621 is not set
# CONFIG_SENSORS_F71805F is not set
# CONFIG_SENSORS_FSCHER is not set
# CONFIG_SENSORS_FSCPOS is not set
# CONFIG_SENSORS_GL518SM is not set
# CONFIG_SENSORS_GL520SM is not set
# CONFIG_SENSORS_IT87 is not set
# CONFIG_SENSORS_LM63 is not set
# CONFIG_SENSORS_LM75 is not set
# CONFIG_SENSORS_LM77 is not set
# CONFIG_SENSORS_LM78 is not set
# CONFIG_SENSORS_LM80 is not set
# CONFIG_SENSORS_LM83 is not set
# CONFIG_SENSORS_LM85 is not set
# CONFIG_SENSORS_LM87 is not set
# CONFIG_SENSORS_LM90 is not set
# CONFIG_SENSORS_LM92 is not set
# CONFIG_SENSORS_MAX1619 is not set
# CONFIG_SENSORS_PC87360 is not set
# CONFIG_SENSORS_SIS5595 is not set
# CONFIG_SENSORS_SMSC47M1 is not set
# CONFIG_SENSORS_SMSC47M192 is not set
# CONFIG_SENSORS_SMSC47B397 is not set
# CONFIG_SENSORS_VIA686A is not set
# CONFIG_SENSORS_VT1211 is not set
# CONFIG_SENSORS_VT8231 is not set
CONFIG_SENSORS_W83781D=m
# CONFIG_SENSORS_W83791D is not set
# CONFIG_SENSORS_W83792D is not set
# CONFIG_SENSORS_W83L785TS is not set
CONFIG_SENSORS_W83627HF=m
CONFIG_SENSORS_W83627EHF=m
# CONFIG_SENSORS_HDAPS is not set
# CONFIG_HWMON_DEBUG_CHIP is not set

#
# Multimedia devices
#
CONFIG_VIDEO_DEV=m
CONFIG_VIDEO_V4L1=y
CONFIG_VIDEO_V4L1_COMPAT=y
CONFIG_VIDEO_V4L2=y

#
# Video Capture Adapters
```

```
#  
  
#  
# Video Capture Adapters  
#  
# CONFIG_VIDEO_ADV_DEBUG is not set  
CONFIG_VIDEO_HELPER_CHIPS_AUTO=y  
CONFIG_VIDEO_TVAUDIO=m  
CONFIG_VIDEO_TDA7432=m  
CONFIG_VIDEO_TDA9840=m  
CONFIG_VIDEO_TDA9875=m  
CONFIG_VIDEO_TEA6415C=m  
CONFIG_VIDEO_TEA6420=m  
CONFIG_VIDEO_MSP3400=m  
CONFIG_VIDEO_WM8775=m  
CONFIG_VIDEO_BT819=m  
CONFIG_VIDEO_BT856=m  
CONFIG_VIDEO_KS0127=m  
CONFIG_VIDEO_SAA7110=m  
CONFIG_VIDEO_SAA7111=m  
CONFIG_VIDEO_SAA7114=m  
CONFIG_VIDEO_SAA711X=m  
CONFIG_VIDEO_TVP5150=m  
CONFIG_VIDEO_VPX3220=m  
CONFIG_VIDEO_CX25840=m  
CONFIG_VIDEO_CX2341X=m  
CONFIG_VIDEO_SAA7185=m  
CONFIG_VIDEO_ADV7170=m  
CONFIG_VIDEO_ADV7175=m  
CONFIG_VIDEO_VIVI=m  
CONFIG_VIDEO_BT848=m  
CONFIG_VIDEO_BT848_DVB=y  
CONFIG_VIDEO_SAA6588=m  
CONFIG_VIDEO_BWQCAM=m  
CONFIG_VIDEO_CQCAM=m  
CONFIG_VIDEO_W9966=m  
CONFIG_VIDEO_CPIA=m  
# CONFIG_VIDEO_CPIA_PP is not set  
CONFIG_VIDEO_CPIA_USB=m  
CONFIG_VIDEO_CPIA2=m  
CONFIG_VIDEO_SAA5246A=m  
CONFIG_VIDEO_SAA5249=m  
CONFIG_TUNER_3036=m  
CONFIG_VIDEO_STRADIS=m  
CONFIG_VIDEO_ZORAN_ZR36060=m  
CONFIG_VIDEO_ZORAN=m  
CONFIG_VIDEO_ZORAN_BUZ=m  
CONFIG_VIDEO_ZORAN_DC10=m  
CONFIG_VIDEO_ZORAN_DC30=m  
CONFIG_VIDEO_ZORAN_LML33=m  
CONFIG_VIDEO_ZORAN_LML33R10=m
```

```
CONFIG_VIDEO_ZORAN_AVS6EYES=m
CONFIG_VIDEO_SAA7134=m
CONFIG_VIDEO_SAA7134_ALSA=m
CONFIG_VIDEO_SAA7134_DVB=m
CONFIG_VIDEO_MXB=m
CONFIG_VIDEO_DPC=m
CONFIG_VIDEO_HEXIUM_ORION=m
CONFIG_VIDEO_HEXIUM_GEMINI=m
CONFIG_VIDEO_CX88=m
CONFIG_VIDEO_CX88_ALSA=m
CONFIG_VIDEO_CX88_BLACKBIRD=m
CONFIG_VIDEO_CX88_DVB=m
CONFIG_VIDEO_CX88_VP3054=m

#
# V4L USB devices
#
CONFIG_VIDEO_PVRUSB2=m
# CONFIG_VIDEO_PVRUSB2_29XXX is not set
CONFIG_VIDEO_PVRUSB2_24XXX=y
CONFIG_VIDEO_PVRUSB2_SYSFS=y
# CONFIG_VIDEO_PVRUSB2_DEBUGIFC is not set
CONFIG_VIDEO_EM28XX=m
CONFIG_VIDEO_USBVIDEO=m
CONFIG_USB_VICAM=m
CONFIG_USB_IBMCAM=m
CONFIG_USB_KONICAWC=m
CONFIG_USB_QUICKCAM_MESSENGER=m
CONFIG_USB_ET61X251=m
CONFIG_VIDEO_OVCAMCHIP=m
CONFIG_USB_W9968CF=m
CONFIG_USB_OV511=m
CONFIG_USB_SE401=m
CONFIG_USB_SN9C102=m
CONFIG_USB_STV680=m
CONFIG_USB_ZC0301=m
CONFIG_USB_PWC=m
# CONFIG_USB_PWC_DEBUG is not set

#
# Radio Adapters
#
# CONFIG_RADIO_GEMTEK_PCI is not set
# CONFIG_RADIO_MAXIRADIO is not set
# CONFIG_RADIO_MAESTRO is not set
CONFIG_USB_DSBR=m

#
# Digital Video Broadcasting Devices
#
CONFIG_DVB=y
```

```
CONFIG_DVB_CORE=m
# CONFIG_DVB_CORE_ATTACH is not set

#
# Supported SAA7146 based PCI Adapters
#
CONFIG_DVB_AV7110=m
CONFIG_DVB_AV7110_OSD=y
CONFIG_DVB_BUDGET=m
CONFIG_DVB_BUDGET_CI=m
CONFIG_DVB_BUDGET_AV=m
CONFIG_DVB_BUDGET_PATCH=m

#
# Supported USB Adapters
#
CONFIG_DVB_USB=m
# CONFIG_DVB_USB_DEBUG is not set
CONFIG_DVB_USB_A800=m
CONFIG_DVB_USB_DIBUSB_MB=m
# CONFIG_DVB_USB_DIBUSB_MB_FAULTY is not set
CONFIG_DVB_USB_DIBUSB_MC=m
# CONFIG_DVB_USB_DIB0700 is not set
CONFIG_DVB_USB_UMT_010=m
CONFIG_DVB_USB_CXUSB=m
CONFIG_DVB_USB_DIGITV=m
CONFIG_DVB_USB_VP7045=m
CONFIG_DVB_USB_VP702X=m
CONFIG_DVB_USB_GP8PSK=m
CONFIG_DVB_USB_NOVA_T_USB2=m
CONFIG_DVB_USB_DTT200U=m
CONFIG_DVB_TTUSB_BUDGET=m
CONFIG_DVB_TTUSB_DEC=m
# CONFIG_DVB_CINERGYT2 is not set

#
# Supported FlexCopII (B2C2) Adapters
#
CONFIG_DVB_B2C2_FLEXCOP=m
# CONFIG_DVB_B2C2_FLEXCOP_PCI is not set
CONFIG_DVB_B2C2_FLEXCOP_USB=m
# CONFIG_DVB_B2C2_FLEXCOP_DEBUG is not set

#
# Supported BT878 Adapters
#
CONFIG_DVB_BT8XX=m

#
# Supported Pluto2 Adapters
#
```

```
CONFIG_DVB_PLUTO2=m

#
# Supported DVB Frontends
#

#
# Customise DVB Frontends
#
# CONFIG_DVB_FE_CUSTOMISE is not set

#
# DVB-S (satellite) frontends
#
CONFIG_DVB_STV0299=m
CONFIG_DVB_CX24110=m
CONFIG_DVB_CX24123=m
CONFIG_DVB_TDA8083=m
CONFIG_DVB_MT312=m
CONFIG_DVB_VES1X93=m
CONFIG_DVB_S5H1420=m
CONFIG_DVB_TDA10086=m

#
# DVB-T (terrestrial) frontends
#
CONFIG_DVB_SP8870=m
CONFIG_DVB_SP887X=m
CONFIG_DVB_CX22700=m
CONFIG_DVB_CX22702=m
CONFIG_DVB_L64781=m
CONFIG_DVB_TDA1004X=m
CONFIG_DVB_NXT6000=m
CONFIG_DVB_MT352=m
CONFIG_DVB_ZL10353=m
CONFIG_DVB_DIB3000MB=m
CONFIG_DVB_DIB3000MC=m

#
# DVB-C (cable) frontends
#
CONFIG_DVB_VES1820=m
CONFIG_DVB_TDA10021=m
CONFIG_DVB_STV0297=m

#
# ATSC (North American/Korean Terrestrial/Cable DTV) frontends
#
CONFIG_DVB_NXT200X=m
CONFIG_DVB_OR51211=m
CONFIG_DVB_OR51132=m
```

```
CONFIG_DVB_BCM3510=m
CONFIG_DVB_LGDT330X=m

#
# Tuners/PLL support
#
CONFIG_DVB_PLL=m
CONFIG_DVB_TDA826X=m
CONFIG_DVB_TUNER_MT2060=m

#
# Miscellaneous devices
#
CONFIG_DVB_LNBP21=m
CONFIG_DVB_ISL6421=m
CONFIG_DVB_TUA6100=m
CONFIG_VIDEO_SAA7146=m
CONFIG_VIDEO_SAA7146_VV=m
CONFIG_VIDEO_VIDEOBUF=m
CONFIG_VIDEO_TUNER=m
CONFIG_VIDEO_BUF=m
CONFIG_VIDEO_BUF_DVB=m
CONFIG_VIDEO_BTCX=m
CONFIG_VIDEO_IR=m
CONFIG_VIDEO_TVEEPROM=m
CONFIG_USB_DABUSB=m

#
# Graphics support
#
CONFIG_FIRMWARE_EDID=y
CONFIG_FB=y
# CONFIG_FB_DDC is not set
CONFIG_FB_CFB_FILLRECT=y
CONFIG_FB_CFB_COPYAREA=y
CONFIG_FB_CFB_IMAGEBLIT=y
# CONFIG_FB_MACMODES is not set
# CONFIG_FB_BACKLIGHT is not set
CONFIG_FB_MODE_HELPERS=y
# CONFIG_FB_TILEBLITTING is not set
# CONFIG_FB_CIRRUS is not set
# CONFIG_FB_PM2 is not set
# CONFIG_FB_CYBER2000 is not set
# CONFIG_FB_ARC is not set
# CONFIG_FB_ASILANT is not set
# CONFIG_FB_IMSTT is not set
# CONFIG_FB_VGA16 is not set
CONFIG_FB_VESA=y
# CONFIG_FB_HGA is not set
# CONFIG_FB_S1D13XXX is not set
# CONFIG_FB_NVIDIA is not set
```

```
# CONFIG_FB_RIVA is not set
# CONFIG_FB_INTEL is not set
# CONFIG_FB_MATROX is not set
# CONFIG_FB_RADEON is not set
# CONFIG_FB_ATY128 is not set
# CONFIG_FB_ATY is not set
# CONFIG_FB_SAVAGE is not set
# CONFIG_FB_SIS is not set
# CONFIG_FB_NEOMAGIC is not set
# CONFIG_FB_KYRO is not set
# CONFIG_FB_3DFX is not set
# CONFIG_FB_VOODOO1 is not set
# CONFIG_FB_TRIDENT is not set
# CONFIG_FB_GEODE is not set
# CONFIG_FB_VIRTUAL is not set

#
# Console display driver support
#
CONFIG_VGA_CONSOLE=y
CONFIG_VGACON_SOFT_SCROLLBACK=y
CONFIG_VGACON_SOFT_SCROLLBACK_SIZE=64
CONFIG_VIDEO_SELECT=y
CONFIG_DUMMY_CONSOLE=y
CONFIG_FRAMEBUFFER_CONSOLE=y
# CONFIG_FRAMEBUFFER_CONSOLE_ROTATION is not set
# CONFIG FONTS is not set
CONFIG_FONT_8x8=y
CONFIG_FONT_8x16=y

#
# Logo configuration
#
CONFIG_LOGO=y
CONFIG_LOGO_LINUX_MONO=y
CONFIG_LOGO_LINUX_VGA16=y
CONFIG_LOGO_LINUX_CLUT224=y
CONFIG_BACKLIGHT_LCD_SUPPORT=y
CONFIG_BACKLIGHT_CLASS_DEVICE=m
CONFIG_BACKLIGHT_DEVICE=y
CONFIG_LCD_CLASS_DEVICE=m
CONFIG_LCD_DEVICE=y

#
# Sound
#
CONFIG_SOUND=m

#
# Advanced Linux Sound Architecture
#
```

```
CONFIG_SND=m
CONFIG_SND_TIMER=m
CONFIG_SND_PCM=m
CONFIG_SND_HWDEP=m
CONFIG_SND_RAWMIDI=m
CONFIG_SND_SEQUENCER=m
CONFIG_SND_SEQ_DUMMY=m
CONFIG_SND_OSSEMUL=y
CONFIG_SND_MIXER_OSS=m
CONFIG_SND_PCM_OSS=m
CONFIG_SND_PCM_OSS_PLUGINS=y
CONFIG_SND_SEQUENCER_OSS=y
CONFIG_SND_RTCTIMER=m
CONFIG_SND_SEQ_RTCTIMER_DEFAULT=y
CONFIG_SND_DYNAMIC_MINORS=y
# CONFIG_SND_SUPPORT_OLD_API is not set
CONFIG_SND_VERBOSE_PROCFS=y
# CONFIG_SND_VERBOSE_PRINTK is not set
# CONFIG_SND_DEBUG is not set

#
# Generic devices
#
CONFIG_SND_MPU401_UART=m
CONFIG_SND_AC97_CODEC=m
CONFIG_SND_AC97_BUS=m
CONFIG_SND_DUMMY=m
CONFIG_SND_VIRMIDI=m
CONFIG_SND_MTPAV=m
CONFIG_SND_MTS64=m
CONFIG_SND_SERIAL_U16550=m
CONFIG_SND_MPU401=m

#
# PCI devices
#
# CONFIG_SND_AD1889 is not set
# CONFIG_SND_ALS300 is not set
# CONFIG_SND_ALS4000 is not set
# CONFIG_SND_ALI5451 is not set
# CONFIG_SND_ATIIXP is not set
# CONFIG_SND_ATIIXP_MODEM is not set
# CONFIG_SND_AU8810 is not set
# CONFIG_SND_AU8820 is not set
# CONFIG_SND_AU8830 is not set
# CONFIG_SND_AZT3328 is not set
# CONFIG_SND_BT87X is not set
# CONFIG_SND_CA0106 is not set
# CONFIG_SND_CMIPCI is not set
# CONFIG_SND_CS4281 is not set
# CONFIG_SND_CS46XX is not set
```

OOPS in 2.6.19.1, connected to nfs4 and autofs4

```
# CONFIG_SND_DARLA20 is not set
# CONFIG_SND_GINA20 is not set
# CONFIG_SND_LAYLA20 is not set
# CONFIG_SND_DARLA24 is not set
# CONFIG_SND_GINA24 is not set
# CONFIG_SND_LAYLA24 is not set
# CONFIG_SND_MONA is not set
# CONFIG_SND_MIA is not set
# CONFIG_SND_ECHO3G is not set
# CONFIG_SND_INDIGO is not set
# CONFIG_SND_INDIGOIO is not set
# CONFIG_SND_INDIGODJ is not set
CONFIG_SND_EMU10K1=m
# CONFIG_SND_EMU10K1X is not set
# CONFIG_SND_ENS1370 is not set
# CONFIG_SND_ENS1371 is not set
# CONFIG_SND_ES1938 is not set
# CONFIG_SND_ES1968 is not set
# CONFIG_SND_FM801 is not set
CONFIG_SND_HDA_INTEL=m
# CONFIG_SND_HDSP is not set
# CONFIG_SND_HDSPM is not set
# CONFIG_SND_ICE1712 is not set
# CONFIG_SND_ICE1724 is not set
# CONFIG_SND_INTEL8X0 is not set
# CONFIG_SND_INTEL8X0M is not set
# CONFIG_SND_KORG1212 is not set
# CONFIG_SND_MAESTRO3 is not set
# CONFIG_SND_MIXART is not set
# CONFIG_SND_NM256 is not set
# CONFIG_SND_PCXHR is not set
# CONFIG_SND_RIPTIDE is not set
# CONFIG_SND_RME32 is not set
# CONFIG_SND_RME96 is not set
# CONFIG_SND_RME9652 is not set
# CONFIG_SND_SONICVIBES is not set
# CONFIG_SND_TRIDENT is not set
# CONFIG_SND_VIA82XX is not set
# CONFIG_SND_VIA82XX_MODEM is not set
# CONFIG_SND_VX222 is not set
# CONFIG_SND_YMFPCI is not s
```