

Re: [BUG 2.6.20-rc3-mm1] raid1 mount blocks for ever

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2007-01/msg02175.html>

- *From:* Torsten Kaiser <kernel@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 8 Jan 2007 19:11:45 +0100
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On Monday 08 January 2007 09:52, Jens Axboe wrote:

```
---- a/block/ll_rw_blk.c
+++ b/block/ll_rw_blk.c
@@ -1542,7 +1542,7 @@ static inline void
- blk_unplug_current();
+ blk_replug_current_nested();
```

Does not help. Dmesg follows:

```
[ 0.000000] Linux version 2.6.20-rc3-mm1 (root@ariolc) (gcc version
4.1.1 (Gentoo 4.1.1-r3)) #4 Mon Jan 8 18:23:37 CET 2007
[ 0.000000] BIOS-provided physical RAM map:
[ 0.000000] sanitize start
[ 0.000000] sanitize end
[ 0.000000] copy_e820_map() start: 0000000000000000 size:
000000000009fc00 end: 000000000009fc00 type: 1
[ 0.000000] copy_e820_map() type is E820_RAM
[ 0.000000] copy_e820_map() start: 000000000009fc00 size:
000000000000400 end: 00000000000a0000 type: 2
[ 0.000000] copy_e820_map() start: 00000000000f0000 size:
0000000000010000 end: 0000000000010000 type: 2
[ 0.000000] copy_e820_map() start: 0000000000010000 size:
000000000001fef000 end: 000000000001fff000 type: 1
[ 0.000000] copy_e820_map() type is E820_RAM
[ 0.000000] copy_e820_map() start: 000000000001fff000 size:
0000000000003000 end: 000000000001fff3000 type: 4
[ 0.000000] copy_e820_map() start: 000000000001fff3000 size:
000000000000d000 end: 000000000002000000 type: 3
[ 0.000000] copy_e820_map() start: 00000000000fff0000 size:
0000000000010000 end: 00000000000100000000 type: 2
[ 0.000000] BIOS-e820: 0000000000000000 - 000000000009fc00 (usable)
[ 0.000000] BIOS-e820: 000000000009fc00 - 00000000000a0000 (reserved)
[ 0.000000] BIOS-e820: 00000000000f0000 - 0000000000010000 (reserved)
[ 0.000000] BIOS-e820: 0000000000010000 - 000000000001fff000 (usable)
[ 0.000000] BIOS-e820: 000000000001fff000 - 000000000001fff3000 (ACPI NVS)
[ 0.000000] BIOS-e820: 000000000001fff3000 - 000000000002000000 (ACPI data)
[ 0.000000] BIOS-e820: 00000000000fff0000 - 00000000000100000000 (reserved)
```

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```
[ 0.000000] 511MB LOWMEM available.
[ 0.000000] Zone PFN ranges:
[ 0.000000] DMA 0 -> 4096
[ 0.000000] Normal 4096 -> 131056
[ 0.000000] early_node_map[1] active PFN ranges
[ 0.000000] 0: 0 -> 131056
[ 0.000000] DMI 2.3 present.
[ 0.000000] ACPI: PM-Timer IO Port: 0x4008
[ 0.000000] Allocating PCI resources starting at 30000000 (gap:
20000000:dfff0000)
[ 0.000000] Detected 1002.314 MHz processor.
[ 26.865802] Built 1 zonelists. Total pages: 130033
[ 26.865807] Kernel command line: root=/dev/sdb6 console=ttyS0,38400
console=tty1 lapic rootflags=nobarrier
[ 26.866203] Local APIC disabled by BIOS -- reenabling.
[ 26.866209] Found and enabled local APIC!
[ 26.866223] Enabling fast FPU save and restore... done.
[ 26.866246] Initializing CPU#0
[ 26.866401] PID hash table entries: 2048 (order: 11, 8192 bytes)
[ 26.867677] Console: colour VGA+ 80x25
[ 27.543779] Lock dependency validator: Copyright (c) 2006 Red Hat, Inc.,
Ingo Molnar
[ 27.567001] ... MAX_LOCKDEP_SUBCLASSES: 8
[ 27.579834] ... MAX_LOCK_DEPTH: 30
[ 27.592407] ... MAX_LOCKDEP_KEYS: 2048
[ 27.605501] ... CLASSHASH_SIZE: 1024
[ 27.618853] ... MAX_LOCKDEP_ENTRIES: 8192
[ 27.631946] ... MAX_LOCKDEP_CHAINS: 16384
[ 27.645300] ... CHAINHASH_SIZE: 8192
[ 27.658392] memory used by lock dependency info: 1096 kB
[ 27.674603] per task-struct memory footprint: 1200 bytes
[ 27.691602] Dentry cache hash table entries: 65536 (order: 6, 262144
bytes)
[ 27.713148] Inode-cache hash table entries: 32768 (order: 5, 131072
bytes)
[ 27.769004] Memory: 511896k/524224k available (3204k kernel code, 11796k
reserved, 1352k data, 204k init, 0k highmem)
[ 27.800844] virtual kernel memory layout:
[ 27.800846] fixmap : 0xffffb7000 - 0xfffff0000 ( 288 kB)
[ 27.800849] vmalloc : 0xe0800000 - 0xffffb5000 ( 503 MB)
[ 27.800852] lowmem : 0xc0000000 - 0xdfff0000 ( 511 MB)
[ 27.800855] .init : 0xc0576000 - 0xc05a9000 ( 204 kB)
[ 27.800857] .data : 0xc04211a0 - 0xc05732ac (1352 kB)
[ 27.800860] .text : 0xc0100000 - 0xc04211a0 (3204 kB)
[ 27.916411] Checking if this processor honours the WP bit even in
supervisor mode... Ok.
[ 27.941129] Clock event device pit configured with caps set: 07
[ 28.101036] Calibrating delay using timer specific routine.. 2006.70
BogoMIPS (lpj=10033529)
[ 28.126627] Security Framework v1.0.0 initialized
[ 28.140835] Mount-cache hash table entries: 512
```

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```
[ 28.154789]
[ 28.154792] =====
[ 28.173440] [ BUG: bad unlock balance detected! ]
[ 28.187571] -----
[ 28.201705] swapper/0 is trying to release lock (inode_lock) at:
[ 28.219863] [<c0184738>] generic_sync_sb_inodes+0xa8/0x2d0
[ 28.236411] but there are no more locks to release!
[ 28.251063]
[ 28.251064] other info that might help us debug this:
[ 28.270756] 1 lock held by swapper/0:
[ 28.281770] #0: (&type->s_umount_key){---.}, at: [<c0168fcc>]
sget+0x1cc/0x370
[ 28.304344]
[ 28.304346] stack backtrace:
[ 28.317492] [<c0138274>] print_unlock_inbalance_bug+0x104/0x120
[ 28.335598] [<c0184738>] generic_sync_sb_inodes+0xa8/0x2d0
[ 28.352405] [<c013942a>] trace_hardirqs_on+0xba/0x160
[ 28.367915] [<c012d9a8>] __kernel_text_address+0x18/0x30
[ 28.384203] [<c0104f66>] dump_trace+0x56/0xa0
[ 28.397634] [<c010a4bc>] save_stack_trace+0x1c/0x40
[ 28.412624] [<c01378b0>] save_trace+0x40/0xa0
[ 28.426055] [<c013795b>] add_lock_to_list+0x4b/0xc0
[ 28.441044] [<c0184738>] generic_sync_sb_inodes+0xa8/0x2d0
[ 28.457852] [<c0184738>] generic_sync_sb_inodes+0xa8/0x2d0
[ 28.474660] [<c013abee>] lock_release+0x8e/0x180
[ 28.488870] [<c041fdb4>] _spin_unlock+0x14/0x20
[ 28.502821] [<c0184738>] generic_sync_sb_inodes+0xa8/0x2d0
[ 28.519629] [<c0184a03>] sync_inodes_sb+0x83/0xa0
[ 28.534100] [<c016917a>] __fsync_super+0xa/0x70
[ 28.548050] [<c01691e8>] fsync_super+0x8/0x20
[ 28.561480] [<c016922c>] do_remount_sb+0x2c/0x120
[ 28.575949] [<c01697f1>] get_sb_single+0x61/0xd0
[ 28.590159] [<c01a5540>] sysfs_fill_super+0x0/0xb0
[ 28.604890] [<c0169696>] vfs_kern_mount+0xb6/0x130
[ 28.619619] [<c01a5540>] sysfs_fill_super+0x0/0xb0
[ 28.634349] [<c0169723>] kern_mount+0x13/0x20
[ 28.647780] [<c058a22f>] sysfs_init+0x6f/0xb0
[ 28.661211] [<c05897b0>] mnt_init+0xc0/0x200
[ 28.674382] [<c0589387>] vfs_caches_init+0xd7/0x170
[ 28.689372] [<c0576a79>] start_kernel+0x1c9/0x380
[ 28.703842] [<c05764b0>] unknown_bootoption+0x0/0x260
[ 28.719350] =====
[ 28.730336] CPU: After generic identify, caps: 0183fbff c1c7fbff
00000000 00000000 00000000 00000000 00000000
[ 28.760723] CPU: L1 I Cache: 64K (64 bytes/line), D cache 64K (64
bytes/line)
[ 28.782152] CPU: L2 Cache: 256K (64 bytes/line)
[ 28.795765] CPU: After all inits, caps: 0183fbff c1c7fbff 00000000
00000420 00000000 00000000 00000000
[ 28.824358] Intel machine check architecture supported.
[ 28.840059] Intel machine check reporting enabled on CPU#0.
```

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[28.856809] CPU: AMD Athlon(tm) Processor stepping 02
[28.872195] Checking 'hlt' instruction... OK.
[28.921952] ACPI: Core revision 20060707
[28.943079] ACPI: setting ELCR to 0800 (from 0e20)
[29.220314] Clock event device pit new caps set: 03
[29.234973] Clock event device lapic configured with caps set: 04
[29.253277] spurious 8259A interrupt: IRQ7.
[29.375572] NET: Registered protocol family 16
[29.389225] ACPI: bus type pci registered
[29.434373] PCI: PCI BIOS revision 2.10 entry at 0xfb380, last bus=1
[29.453460] PCI: Using configuration type 1
[29.466033] Setting up standard PCI resources
[29.504063] ACPI: Interpreter enabled
[29.515113] ACPI: Using PIC for interrupt routing
[29.538752] ACPI: PCI Root Bridge [PCI0] (0000:00)
[29.553487] ACPI: Assume root bridge [_SB_.PCI0] bus is 0
[29.570517] Disabling VIA memory write queue (PCI ID 0305, rev 03): [55]
81 & 1f -> 01
[29.594653] PCI quirk: region 4000-40ff claimed by vt82c586 ACPI
[29.613374] PCI quirk: region 6000-607f claimed by vt82c686 HW-mon
[29.631984] PCI quirk: region 5000-500f claimed by vt82c686 SMB
[29.650263] Boot video device is 0000:01:00.0
[29.663437] ACPI: PCI Interrupt Routing Table [_SB_.PCI0._PRT]
[29.715800] ACPI: PCI Interrupt Link [LNKA] (IRQs 1 3 4 5 6 7 10 *11 12
14 15)
[29.738915] ACPI: PCI Interrupt Link [LNKB] (IRQs 1 3 4 5 6 7 *10 11 12
14 15)
[29.761991] ACPI: PCI Interrupt Link [LNKC] (IRQs 1 3 4 *5 6 7 10 11 12
14 15)
[29.785084] ACPI: PCI Interrupt Link [LNKD] (IRQs 1 3 4 5 6 7 10 11 12
14 15) *9
[29.808583] Linux Plug and Play Support v0.97 (c) Adam Belay
[29.825613] pnp: PnP ACPI init
[29.834993] pnp: ACPI device : hid PNP0C01
[29.847915] pnp: ACPI device : hid PNP0A03
[29.860834] pnp: ACPI device : hid PNP0C02
[29.873297] pnp: ACPI device : hid PNP0200
[29.885719] pnp: ACPI device : hid PNP0B00
[29.898143] pnp: ACPI device : hid PNP0800
[29.910597] pnp: ACPI device : hid PNP0C04
[29.923364] pnp: ACPI device : hid PNP0700
[29.936220] pnp: ACPI device : hid PNP0501
[29.949518] pnp: ACPI device : hid PNP0501
[29.963065] pnp: ACPI device : hid PNP0400
[29.976425] pnp: ACPI device : hid PNP0F13
[29.988956] pnp: ACPI device : hid PNP0303
[30.001387] pnp: PnP ACPI: found 13 devices
[30.014097] Generic PHY: Registered new driver
[30.027775] SCSI subsystem initialized
[30.039143] libata version 2.00 loaded.
[30.050884] usbcore: registered new interface driver usbfs

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[30.067443] usbcore: registered new interface driver hub
[30.083529] usbcore: registered new device driver usb
[30.098913] PCI: Using ACPI for IRQ routing
[30.111510] PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report
[30.167247] pnp: the driver 'system' has been registered
[30.183306] pnp: match found with the PnP device '00:00' and the driver 'system'
[30.205530] pnp: match found with the PnP device '00:02' and the driver 'system'
[30.228592] ieee1394: Initialized config rom entry `ip1394'
[30.245662] PCI: Bridge: 0000:00:01.0
[30.256705] IO window: disabled.
[30.266963] MEM window: dc000000-ddffffff
[30.279562] PREFETCH window: d0000000-d7ffffff
[30.293484] PCI: Setting latency timer of device 0000:00:01.0 to 64
[30.312368] NET: Registered protocol family 2
[30.419670] IP route cache hash table entries: 4096 (order: 2, 16384 bytes)
[30.440856] TCP established hash table entries: 16384 (order: 7, 655360 bytes)
[30.466123] TCP bind hash table entries: 8192 (order: 6, 360448 bytes)
[30.487651] TCP: Hash tables configured (established 16384 bind 8192)
[30.507010] TCP reno registered
[30.541300] Total HugeTLB memory allocated, 0
[30.554592] VFS: Disk quotas dquot_6.5.1
[30.566462] Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)
[30.586279] SGI XFS with ACLs, security attributes, no debug enabled
[30.605606] SGI XFS Quota Management subsystem
[30.619010] io scheduler noop registered
[30.630911] io scheduler cfq registered (default)
[30.645228] PCI: Disabling Via external APIC routing
[30.660182] pci 0000:00:07.2: uhci_check_and_reset_hc: legsup = 0x2000
[30.679772] pci 0000:00:07.2: Performing full reset
[30.694439] pci 0000:00:07.3: uhci_check_and_reset_hc: legsup = 0x2000
[30.714046] pci 0000:00:07.3: Performing full reset
[30.729222] ACPI: CPU0 (power states: C1[C1] C2[C2])
[30.744396] ACPI: Processor [CPU0] (supports 2 throttling states)
[30.879757] Real Time Clock Driver v1.12ac
[30.892497] Non-volatile memory driver v1.2
[30.905198] Linux agpgart interface v0.101 (c) Dave Jones
[30.921627] agpgart: Detected VIA Twister-K/KT133x/KM133 chipset
[30.946578] agpgart: AGP aperture is 64M @ 0xd8000000
[30.961937] Serial: 8250/16550 driver \$Revision: 1.90 \$ 1 ports, IRQ sharing disabled
[30.985769] serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
[31.004434] pnp: the driver 'serial' has been registered
[31.020688] pnp: match found with the PnP device '00:08' and the driver 'serial'
[31.043325] 00:08: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A
[31.060502] pnp: match found with the PnP device '00:09' and the

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driver 'serial'
[ 31.083212] pnp: Device 00:09 disabled.
[ 31.095027] parport_pc: VIA 686A/8231 detected
[ 31.108403] parport_pc: probing current configuration
[ 31.123616] parport_pc: Current parallel port base: 0x378
[ 31.139870] parport0: PC-style at 0x378, irq 7 [PCSPP,TRISTATE,EPP]
[ 31.239036] parport_pc: VIA parallel port: io=0x378, irq=7
[ 31.255908] Floppy drive(s): fd0 is 1.44M
[ 31.282607] FDC 0 is a post-1991 82077
[ 31.295077] fealnx.c:v2.52 Sep-11-2006
[ 31.307212] ACPI: PCI Interrupt Link [LNKA] enabled at IRQ 11
[ 31.324489] PCI: setting IRQ 11 as level-triggered
[ 31.338907] ACPI: PCI Interrupt 0000:00:08.0[A] -> Link [LNKA] -> GSI 11
(level, low) -> IRQ 11
[ 31.365432] eth0: 100/10M Ethernet PCI Adapter at 0001ec00,
00:02:2a:c0:86:2a, IRQ 11.
[ 31.389969] Linux video capture interface: v2.00
[ 31.403875] bttv: driver version 0.9.16 loaded
[ 31.417260] bttv: using 8 buffers with 2080k (520 pages) each for
capture
[ 31.437767] bttv: Bt8xx card found (0).
[ 31.450045] ACPI: PCI Interrupt Link [LNKB] enabled at IRQ 10
[ 31.467312] PCI: setting IRQ 10 as level-triggered
[ 31.481710] ACPI: PCI Interrupt 0000:00:09.0[A] -> Link [LNKB] -> GSI 10
(level, low) -> IRQ 10
[ 31.507986] bttv0: Bt878 (rev 17) at 0000:00:09.0, irq: 10, latency: 32,
mmio: 0xdf001000
[ 31.532663] bttv0: detected: Hauppauge WinTV [card=10], PCI subsystem ID
is 0070:13eb
[ 31.556181] bttv0: using: Hauppauge (bt878) [card=10,autodetected]
[ 31.574780] bttv0: gpio: en=00000000, out=00000000 in=00ffffdb [init]
[ 31.596633] bttv0: Hauppauge/Voodoo msp34xx: reset line init [5]
[ 31.644814] tveeprom 0-0050: Hauppauge model 61344, rev D421, serial#
3902813
[ 31.666259] tveeprom 0-0050: tuner model is Philips FM1216 (idx 21, type
5)
[ 31.687171] tveeprom 0-0050: TV standards PAL(B/G) (eeprom 0x04)
[ 31.705226] tveeprom 0-0050: audio processor is MSP3415 (idx 6)
[ 31.723019] tveeprom 0-0050: has radio
[ 31.734286] bttv0: Hauppauge eeprom indicates model#61344
[ 31.750506] bttv0: using tuner=5
[ 31.760289] bttv0: registered device video0
[ 31.772959] bttv0: registered device vbi0
[ 31.785091] bttv0: registered device radio0
[ 31.797703] bttv0: PLL: 28636363 => 35468950 .. ok
[ 31.851224] input: i2c IR (Hauppauge) as /class/input/input0
[ 31.868249] ir-kbd-i2c: i2c IR (Hauppauge) detected at i2c-0/0-0018/ir0
[bt878 #0 [sw]]
[ 31.899200] msp3400 0-0040: MSP3415D-B3 found @ 0x80 (bt878 #0 [sw])
[ 31.918299] msp3400 0-0040: MSP3415D-B3 supports nicam, mode is
autodetect
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[31.943906] tuner 0-0061: chip found @ 0xc2 (bt878 #0 [sw])
[31.960744] tuner 0-0061: type set to 5 (Philips PAL_BG (FI1216 and compatibles))
[31.983219] tuner 0-0061: type set to 5 (Philips PAL_BG (FI1216 and compatibles))
[32.016366] pata_via 0000:00:07.1: version 0.2.0
[32.030449] ata1: PATA max UDMA/66 cmd 0x1F0 ctl 0x3F6 bmdma 0xD000 irq 14
[32.051711] ata2: PATA max UDMA/66 cmd 0x170 ctl 0x376 bmdma 0xD008 irq 15
[32.072398] scsi0 : pata_via
[32.259217] ata1.00: ATA-6, max UDMA/100, 39865392 sectors: LBA
[32.277266] ata1.00: ata1: dev 0 multi count 16
[32.308574] ata1.01: ATA-7, max UDMA/133, 490234752 sectors: LBA48
[32.327402] ata1.01: ata1: dev 1 multi count 16
[32.358529] ata1.00: configured for UDMA/66
[32.408493] ata1.01: configured for UDMA/66
[32.421091] scsi1 : pata_via
[32.768278] ata2.00: ATAPI, max MWDMA2
[32.958189] ata2.01: ATAPI, max MWDMA2
[33.168005] ata2.00: configured for MWDMA2
[33.357935] ata2.01: configured for MWDMA2
[33.370512] scsi 0:0:0:0: Direct-Access ATA SAMSUNG SV2042H
PK10 PQ: 0 ANSI: 5
[33.395582] SCSI device sda: 39865392 512-byte hdwr sectors (20411 MB)
[33.415233] sda: Write Protect is off
[33.426270] sda: Mode Sense: 00 3a 00 00
[33.438126] SCSI device sda: write cache: enabled, read cache: enabled, doesn't support DPO or FUA
[33.465128] SCSI device sda: 39865392 512-byte hdwr sectors (20411 MB)
[33.484765] sda: Write Protect is off
[33.495788] sda: Mode Sense: 00 3a 00 00
[33.507640] SCSI device sda: write cache: enabled, read cache: enabled, doesn't support DPO or FUA
[33.534514] sda: sda1 sda2 < sda5 >
[33.566247] sd 0:0:0:0: Attached scsi disk sda
[33.579876] scsi 0:0:1:0: Direct-Access ATA Maxtor 6L250R0
BAH4 PQ: 0 ANSI: 5
[33.604355] SCSI device sdb: 490234752 512-byte hdwr sectors (251000 MB)
[33.624516] sdb: Write Protect is off
[33.635552] sdb: Mode Sense: 00 3a 00 00
[33.647412] SCSI device sdb: write cache: enabled, read cache: enabled, doesn't support DPO or FUA
[33.674415] SCSI device sdb: 490234752 512-byte hdwr sectors (251000 MB)
[33.694566] sdb: Write Protect is off
[33.705589] sdb: Mode Sense: 00 3a 00 00
[33.717973] SCSI device sdb: write cache: enabled, read cache: enabled, doesn't support DPO or FUA
[33.744860] sdb: sdb1 sdb2 sdb3 sdb4 < sdb5 sdb6 >
[33.806173] sd 0:0:1:0: Attached scsi disk sdb
[33.820052] scsi 1:0:0:0: CD-ROM SAMSUNG DVD-ROM SD-612S

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SS06 PQ: 0 ANSI: 5
[33.845084] scsi 1:0:1:0: CD-ROM SAMSUNG CD-R/RW SW-208B
BS04 PQ: 0 ANSI: 5
[33.870744] usbmon: debugfs is not available
[33.883591] ehci_hcd: block sizes: qh 128 qtd 96 itd 192 sitd 96
[33.901728] ohci_hcd: 2006 August 04 USB 1.1 'Open' Host Controller
(OHCI) Driver
[33.924192] ohci_hcd: block sizes: ed 64 td 64
[33.937634] USB Universal Host Controller Interface driver v3.0
[33.956440] ACPI: PCI Interrupt Link [LNKD] enabled at IRQ 10
[33.973722] ACPI: PCI Interrupt 0000:00:07.2[D] -> Link [LNKD] -> GSI 10
(level, low) -> IRQ 10
[34.000036] uhci_hcd 0000:00:07.2: UHCI Host Controller
[34.015855] drivers/usb/core/inode.c: creating file 'devices'
[34.033135] drivers/usb/core/inode.c: creating file '001'
[34.049370] uhci_hcd 0000:00:07.2: new USB bus registered, assigned bus
number 1
[34.071576] uhci_hcd 0000:00:07.2: detected 2 ports
[34.086247] uhci_hcd 0000:00:07.2: uhci_check_and_reset_hc: cmd = 0x0000
[34.106383] uhci_hcd 0000:00:07.2: Performing full reset
[34.122381] uhci_hcd 0000:00:07.2: irq 10, io base 0x0000d400
[34.139755] usb usb1: default language 0x0409
[34.152864] usb usb1: new device found, idVendor=0000, idProduct=0000
[34.172213] usb usb1: new device strings: Mfr=3, Product=2,
SerialNumber=1
[34.192864] usb usb1: Product: UHCI Host Controller
[34.207542] usb usb1: Manufacturer: Linux 2.6.20-rc3-mm1 uhci_hcd
[34.225850] usb usb1: SerialNumber: 0000:00:07.2
[34.239776] usb usb1: uevent
[34.249063] usb usb1: usb_probe_device
[34.260535] usb usb1: configuration #1 chosen from 1 choice
[34.277305] usb usb1: adding 1-0:1.0 (config #1, interface 0)
[34.294598] usb 1-0:1.0: uevent
[34.304139] hub 1-0:1.0: usb_probe_interface
[34.317006] hub 1-0:1.0: usb_probe_interface - got id
[34.332180] hub 1-0:1.0: USB hub found
[34.343481] hub 1-0:1.0: 2 ports detected
[34.355550] hub 1-0:1.0: standalone hub
[34.367104] hub 1-0:1.0: no power switching (usb 1.0)
[34.382291] hub 1-0:1.0: individual port over-current protection
[34.400331] hub 1-0:1.0: power on to power good time: 2ms
[34.416564] hub 1-0:1.0: local power source is good
[34.431244] hub 1-0:1.0: trying to enable port power on non-switchable
hub
[34.556912] hub 1-0:1.0: state 7 ports 2 chg 0000 evt 0000
[34.573502] drivers/usb/core/inode.c: creating file '001'
[34.589802] ACPI: PCI Interrupt 0000:00:07.3[D] -> Link [LNKD] -> GSI 10
(level, low) -> IRQ 10
[34.616094] uhci_hcd 0000:00:07.3: UHCI Host Controller
[34.631847] uhci_hcd 0000:00:07.2: port 1 portsc 018a,00
[34.647841] hub 1-0:1.0: port 1, status 0300, change 0003, 1.5 Mb/s

Re: [BUG 2.6.20-rc3-mm1] raid1 mount blocks for ever

Re: [BUG 2.6.20-rc3-mm1] raid1 mount blocks for ever

```
[ 34.666699] drivers/usb/core/inode.c: creating file '002'
[ 34.682944] uhci_hcd 0000:00:07.3: new USB bus registered, assigned bus
number 2
[ 34.705169] uhci_hcd 0000:00:07.3: detected 2 ports
[ 34.719838] uhci_hcd 0000:00:07.3: uhci_check_and_reset_hc: cmd = 0x0000
[ 34.739963] uhci_hcd 0000:00:07.3: Performing full reset
[ 34.755927] uhci_hcd 0000:00:07.3: irq 10, io base 0x0000d800
[ 34.773289] usb usb2: default language 0x0409
[ 34.786405] usb usb2: new device found, idVendor=0000, idProduct=0000
[ 34.805748] usb usb2: new device strings: Mfr=3, Product=2,
SerialNumber=1
[ 34.826401] usb usb2: Product: UHCI Host Controller
[ 34.841077] usb usb2: Manufacturer: Linux 2.6.20-rc3-mm1 uhci_hcd
[ 34.859383] usb usb2: SerialNumber: 0000:00:07.3
[ 34.873284] usb usb2: uevent
[ 34.882575] usb usb2: usb_probe_device
[ 34.893988] usb usb2: configuration #1 chosen from 1 choice
[ 34.910742] usb usb2: adding 2-0:1.0 (config #1, interface 0)
[ 34.928037] usb 2-0:1.0: uevent
[ 34.937570] hub 2-0:1.0: usb_probe_interface
[ 34.950416] hub 2-0:1.0: usb_probe_interface - got id
[ 34.965587] hub 2-0:1.0: USB hub found
[ 34.976891] hub 2-0:1.0: 2 ports detected
[ 34.988967] hub 2-0:1.0: standalone hub
[ 35.000525] hub 2-0:1.0: no power switching (usb 1.0)
[ 35.015698] hub 2-0:1.0: individual port over-current protection
[ 35.033734] hub 2-0:1.0: power on to power good time: 2ms
[ 35.049983] hub 2-0:1.0: local power source is good
[ 35.064640] hub 2-0:1.0: trying to enable port power on non-switchable
hub
[ 35.116494] hub 1-0:1.0: debounce: port 1: total 100ms stable 100ms
status 0x300
[ 35.138708] uhci_hcd 0000:00:07.2: port 2 portsc 018a,00
[ 35.154666] hub 1-0:1.0: port 2, status 0300, change 0003, 1.5 Mb/s
[ 35.206599] drivers/usb/core/inode.c: creating file '001'
[ 35.326357] hub 1-0:1.0: debounce: port 2: total 100ms stable 100ms
status 0x300
[ 35.348562] hub 1-0:1.0: state 7 ports 2 chg 0000 evt 0000
[ 35.365059] hub 2-0:1.0: state 7 ports 2 chg 0000 evt 0006
[ 35.381562] uhci_hcd 0000:00:07.3: port 1 portsc 018a,00
[ 35.397545] hub 2-0:1.0: port 1, status 0300, change 0003, 1.5 Mb/s
[ 35.576194] hub 2-0:1.0: debounce: port 1: total 100ms stable 100ms
status 0x300
[ 35.598396] uhci_hcd 0000:00:07.3: port 2 portsc 018a,00
[ 35.614379] hub 2-0:1.0: port 2, status 0300, change 0003, 1.5 Mb/s
[ 35.786058] hub 2-0:1.0: debounce: port 2: total 100ms stable 100ms
status 0x300
[ 35.808274] hub 2-0:1.0: state 7 ports 2 chg 0000 evt 0000
[ 35.824778] usbcore: registered new interface driver libusual
[ 35.842057] pnp: the driver 'i8042 kbd' has been registered
[ 35.858917] pnp: match found with the PnP device '00:0c' and the
```

Re: [BUG 2.6.20-rc3-mm1] raid1 mount blocks for ever

```
driver 'i8042 kbd'
[ 35.881912] pnp: the driver 'i8042 aux' has been registered
[ 35.898733] pnp: match found with the PnP device '00:0b' and the
driver 'i8042 aux'
[ 35.921737] PNP: PS/2 Controller [PNP0303:PS2K,PNP0f13:PS2M] at
0x60,0x64 irq 1,12
[ 35.945350] serio: i8042 KBD port at 0x60,0x64 irq 1
[ 35.960290] serio: i8042 AUX port at 0x60,0x64 irq 12
[ 35.975850] mice: PS/2 mouse device common for all mice
[ 36.010751] input: AT Translated Set 2 keyboard as /class/input/input1
[ 36.034199] input: PC Speaker as /class/input/input2
[ 36.186876] input: GenPS/2 Genius Mouse as /class/input/input3
[ 36.206971] i2c /dev entries driver
[ 36.445627] usb usb1: suspend_rh (auto-stop)
[ 36.458476] PM-Timer running at invalid rate: 142% of normal - aborting.
[ 36.478648] Advanced Linux Sound Architecture Driver Version 1.0.14rc1
(Wed Dec 20 08:11:48 2006 UTC).
[ 36.507819] ACPI: PCI Interrupt 0000:00:09.1[A] -> Link [LNKB] -> GSI 10
(level, low) -> IRQ 10
[ 36.537183] ACPI: PCI Interrupt Link [LNKC] enabled at IRQ 5
[ 36.554233] PCI: setting IRQ 5 as level-triggered
[ 36.568388] ACPI: PCI Interrupt 0000:00:07.5[C] -> Link [LNKC] -> GSI 5
(level, low) -> IRQ 5
[ 36.594308] PCI: Setting latency timer of device 0000:00:07.5 to 64
[ 36.935312] usb usb2: suspend_rh (auto-stop)
[ 37.127203] ALSA device list:
[ 37.136168] #0: VIA 82C686A/B rev20 with STAC9721,23 at 0xdc00, irq 5
[ 37.156033] #1: Brooktree Bt878 at 0xdf002000, irq 10
[ 37.171882] NET: Registered protocol family 1
[ 37.185100] Testing NMI watchdog ... OK.
[ 37.297665] Using IPI Shortcut mode
[ 37.308285] ACPI: (supports<6>Time: tsc clocksource has been installed.
[ 37.328255] Clock event device lapic disabled
[ 37.341366] Clock event device pit configured with caps set: 08
[ 37.359174] Switched to high resolution mode on CPU 0
[ 37.374369] Time: pit clocksource has been installed.
[ 37.394488] S0 S1 S4 S5)
[ 37.414706] XFS mounting filesystem sdb6
[ 37.567380] Ending clean XFS mount for filesystem: sdb6
[ 37.583482] VFS: Mounted root (xfs filesystem) readonly.
[ 8.380000] Freeing unused kernel memory: 204k freed
[ 6575.070000] BUG: NMI Watchdog detected LOCKUP on CPU0, eip c0109cde,
registers:
[ 6575.070000] Modules linked in:
[ 6575.070000] CPU: 0
[ 6575.070000] EIP: 0060:[<c0109cde>] Not tainted VLI
[ 6575.070000] EFLAGS: 00000046 (2.6.20-rc3-mm1 #4)
[ 6575.070000] EIP is at pit_read+0x1e/0xa0
[ 6575.070000] eax: 00000079 ebx: 0004fb1c ecx: 00000000 edx:
00000082
[ 6575.070000] esi: 00099333 edi: e121b846 ebp: 0004fb1c esp:
```

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Re: [BUG 2.6.20-rc3-mm1] raid1 mount blocks for ever

```
c0575ec0
[ 6575.070000] ds: 007b es: 007b fs: 00d8 gs: 0000 ss: 0068
[ 6575.070000] Process swapper (pid: 0, ti=c0574000 task=c0527480
task.ti=c0574000)
[ 6575.070000] Stack: 0004fb1c c0575ef0 c01244c1 c0575ef0 0004fb1c c0575ef0
e121b846 000005fa
[ 6575.070000] c0133081 00000000 c0575f24 c01330c6 45a2ac72 0a92f42e
c052f130 80a5e194
[ 6575.070000] c0133947 00000000 e17def7a 000005fa e121b846 000005fa
c052f0e4 00000000
[ 6575.070000] Call Trace:
[ 6575.070000] [<c01244c1>] getnstimeofday+0x31/0xc0
[ 6575.070000] [<c0133081>] ktime_get_ts+0x11/0x40
[ 6575.070000] [<c01330c6>] ktime_get+0x16/0x40
[ 6575.070000] [<c0133947>] hrtimer_interrupt+0x37/0x1e0
[ 6575.070000] [<c010744f>] timer_interrupt+0x2f/0x40
[ 6575.070000] [<c0143c60>] handle_IRQ_event+0x20/0x50
[ 6575.070000] [<c0145391>] handle_level_irq+0x81/0x110
[ 6575.070000] [<c01067f6>] do_IRQ+0x46/0x80
[ 6575.070000] [<c0104a96>] common_interrupt+0x2e/0x34
[ 6575.070000] [<c0136080>] handle_noop+0x0/0x10
[ 6575.070000] [<c028aef>] acpi_processor_idle+0x1db/0x384
[ 6575.070000] [<c028acf4>] acpi_processor_idle+0x0/0x384
[ 6575.070000] [<c0102469>] cpu_idle+0x49/0x80
[ 6575.070000] [<c0576b85>] start_kernel+0x2d5/0x380
[ 6575.070000] [<c05764b0>] unknown_bootoption+0x0/0x260
[ 6575.070000] =====
[ 6575.070000] Code: e0 b7 52 c0 e9 34 66 31 00 8d 74 26 00 56 b8 e0 b7 52
c0 53 e8 34 65 31 00 8b 35 20 e0 52 c0 89 c2 31 c0 e6 43 e6 80 e4 40 e6 80
<0f> b6 d8 e4 40 e6 80 0f b6 c0 c1 e0 08 09 c3 8
[ 6575.070000] [ 6575.070000]
```

Capslock and Scrolllock are blinking again, Sys+RQ still works.

After a soft-reboot the NMI trace changed to:

```
[ 28.964111] XFS mounting filesystem sdb6
[ 34.856030] BUG: NMI Watchdog detected LOCKUP on CPU0, eip c0109cdc,
registers:
[ 34.878060] Modules linked in:
[ 34.887340] CPU: 0
[ 34.887342] EIP: 0060:[<c0109cdc>] Not tainted VLI
[ 34.887344] EFLAGS: 00000046 (2.6.20-rc3-mm1 #4)
[ 34.924555] EIP is at pit_read+0x1c/0xa0
[ 34.936356] eax: 000000a9 ebx: 0005083a ecx: 00000000 edx:
00000086
[ 34.956723] esi: 00092abe edi: 9e741e83 ebp: 0005083a esp:
dff83a08
[ 34.977091] ds: 007b es: 007b fs: 00d8 gs: 0000 ss: 0068
[ 34.994600] Process swapper (pid: 1, ti=fff82000 task=fff81510
task.ti=fff82000)
[ 35.016264] Stack: 0005083a dff83a38 c01244c1 dff83a38 0005083a dff83a38
```

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Re: [BUG 2.6.20-rc3-mm1] raid1 mount blocks for ever

```
9e741e83 000005bc
[ 35.042007] c0133081 00000000 dff83a6c c01330c6 45a2ac47 2d801ce0
c052f130 80a5e194
[ 35.067726] c0133947 00000000 9e9d366d 000005bc 9e741e83 000005bc
c052f0e4 00000000
[ 35.093445] Call Trace:
[ 35.101424] [<c01244c1>] getnstimeofday+0x31/0xc0
[ 35.115917] [<c0133081>] ktime_get_ts+0x11/0x40
[ 35.129869] [<c01330c6>] ktime_get+0x16/0x40
[ 35.143039] [<c0133947>] hrtimer_interrupt+0x37/0x1e0
[ 35.158550] [<c010744f>] timer_interrupt+0x2f/0x40
[ 35.173304] [<c0143c60>] handle_IRQ_event+0x20/0x50
[ 35.188294] [<c0145391>] handle_level_irq+0x81/0x110
[ 35.203542] [<c01067f6>] do_IRQ+0x46/0x80
[ 35.215933] [<c011c4b1>] vprintk+0x201/0x2f0
[ 35.229107] [<c0104a96>] common_interrupt+0x2e/0x34
[ 35.244096] [<c023a88d>] cmn_err+0x9d/0xb0
[ 35.256747] [<c0420337>] _spin_unlock_irqrestore+0x47/0x60
[ 35.273555] [<c023a88d>] cmn_err+0x9d/0xb0
[ 35.286207] [<c0218218>] xfs_log_mount+0x48/0x5d0
[ 35.300677] [<c021fbbd>] xfs_mountfs+0xb1d/0xfa0
[ 35.314886] [<c041fe89>] _spin_lock+0x29/0x40
[ 35.328316] [<c0231e93>] xfs_setsize_buftarg_flags+0x33/0xc0
[ 35.345645] [<c0227391>] xfs_mount+0x641/0x9c0
[ 35.359337] [<c0226d50>] xfs_mount+0x0/0x9c0
[ 35.372507] [<c0239e92>] vfs_mount+0x22/0x30
[ 35.385677] [<c0239cb8>] xfs_fs_fill_super+0x78/0x1e0
[ 35.401187] [<c025cf8f>] snprintf+0x1f/0x30
[ 35.414098] [<c01a2222>] disk_name+0x92/0xc0
[ 35.427269] [<c0169bd4>] get_sb_bdev+0x104/0x140
[ 35.441479] [<c0238ed0>] xfs_fs_get_sb+0x20/0x30
[ 35.455690] [<c0239c40>] xfs_fs_fill_super+0x0/0x1e0
[ 35.470938] [<c0169696>] vfs_kern_mount+0xb6/0x130
[ 35.486473] [<c0169769>] do_kern_mount+0x39/0x60
[ 35.500684] [<c017ec5c>] do_mount+0x42c/0x700
[ 35.514114] [<c041fdb4>] _spin_unlock+0x14/0x20
[ 35.528065] [<c0258646>] _atomic_dec_and_lock+0x16/0x60
[ 35.544094] [<c014bdb1>] get_page_from_freelist+0x1e1/0x380
[ 35.561162] [<c014c27a>] __get_free_pages+0x1a/0x40
[ 35.576150] [<c017d4d0>] copy_mount_options+0x40/0x150
[ 35.591920] [<c017efa2>] sys_mount+0x72/0xb0
[ 35.605090] [<c0576e9e>] mount_block_root+0x8e/0x270
[ 35.620340] [<c0171d57>] sys_mknod+0x27/0x30
[ 35.633511] [<c05770d0>] mount_root+0x50/0x90
[ 35.646942] [<c0577222>] prepare_namespace+0x112/0x150
[ 35.662710] [<c016658f>] sys_access+0x1f/0x30
[ 35.676142] [<c0576842>] init+0x132/0x1a0
[ 35.688533] [<c0576710>] init+0x0/0x1a0
[ 35.700406] [<c0576710>] init+0x0/0x1a0
[ 35.712251] [<c0104c2f>] kernel_thread_helper+0x7/0x18
```

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Next try: hang without the NMI triggering:

```
[ 37.253929] XFS mounting filesystem sdb6
[ 37.398376] Ending clean XFS mount for filesystem: sdb6
[ 37.414462] VFS: Mounted root (xfs filesystem) readonly.
[ 8.390000] Freeing unused kernel memory: 204k freed
```

-> Hangs here

Part of SysRQ-T:

```
[ 8.880000]
[ 8.880000] free sibling
[ 8.880000] task PC stack pid father child younger
older
[ 8.880000] init D DFD0D028 0 1 0 2
(NOTLB)
[ 8.880000] dff83d28 00000082 c170b438 dfd0d028 00000046 00000000
00000002 00000001
[ 8.880000] 0000000a dff81510 114a0c00 00000002 00000000 dff8161c
c04201c0 dfd5af04
[ 8.880000] c024ec06 00000001 c13f8ea0 dff83d64 dff83d34 c041dd52
dff83d5c c1401110
[ 8.880000] Call Trace:
[ 8.880000] [<c04201c0>] _spin_unlock_irq+0x20/0x30
[ 8.880000] [<c024ec06>] blk_unplug_current+0xc6/0xe0
[ 8.880000] [<c041dd52>] io_schedule+0x42/0x60
[ 8.880000] [<c01470f5>] sleep_on_page+0x5/0x10
[ 8.880000] [<c041dfcc>] __wait_on_bit_lock+0x3c/0x70
[ 8.880000] [<c01470f0>] sleep_on_page+0x0/0x10
[ 8.880000] [<c01470e3>] __lock_page+0x73/0x80
[ 8.880000] [<c012fb20>] wake_bit_function+0x0/0x60
[ 8.880000] [<c014798c>] do_generic_mapping_read+0x26c/0x590
[ 8.880000] [<c0149c8d>] generic_file_aio_read+0xfd/0x220
[ 8.880000] [<c0146df0>] file_read_actor+0x0/0x140
[ 8.880000] [<c02381c3>] xfs_read+0x1c3/0x340
[ 8.880000] [<c023480c>] xfs_file_aio_read+0x6c/0x80
[ 8.880000] [<c0167475>] do_sync_read+0xd5/0x120
[ 8.880000] [<c012fad0>] autoremove_wake_function+0x0/0x50
[ 8.880000] [<c01659ae>] fd_install+0x1e/0x40
[ 8.880000] [<c0167e0c>] vfs_read+0xbc/0x180
[ 8.880000] [<c01673a0>] do_sync_read+0x0/0x120
[ 8.880000] [<c0168271>] sys_read+0x41/0x70
[ 8.880000] [<c01040ac>] syscall_call+0x7/0xb
[ 8.880000] =====
[ 8.880000] xfsbufd S FFFF8E78 0 887 5 888
842 (L-TLB)
[ 8.880000] c17e3f70 00000086 c17e3f60 ffff8e78 c042023f 00000000
00000046 c05d6cc0
[ 8.880000] 00000009 c17deb00 abd85bd2 00000008 00000d05 c17dec0c
c01252f4 00000000
[ 8.880000] 00000282 c17e3f80 ffff8e78 dfd940d0 dfd940a0 c041deda
c041d352 00000000
[ 8.880000] Call Trace:
[ 8.880000] [<c042023f>] _spin_lock_irqsave+0x3f/0x50
```

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Re: [BUG 2.6.20-rc3-mm1] raid1 mount blocks for ever

```
[ 8.880000] [<c01252f4>] __mod_timer+0x84/0xa0
[ 8.880000] [<c041deda>] schedule_timeout+0x4a/0xc0
[ 8.880000] [<c041d352>] __sched_text_start+0x2e2/0x670
[ 8.880000] [<c0124960>] process_timeout+0x0/0x10
[ 8.880000] [<c0233aa5>] xfsbufd+0x65/0x1b0
[ 8.880000] [<c0233a40>] xfsbufd+0x0/0x1b0
[ 8.880000] [<c012f908>] kthread+0xa8/0xe0
[ 8.880000] [<c012f860>] kthread+0x0/0xe0
[ 8.880000] [<c0104c2f>] kernel_thread_helper+0x7/0x18
[ 8.880000] =====
[ 8.880000] xfssyncd S FFFF99CF 0 888 5
887 (L-TLB)
[ 8.880000] dfddd68 00000082 dfddd58 ffff99cf c042023f 00000000
b610b3ad 00000008
[ 8.880000] 00000009 dff16090 b610c307 00000008 00001043 dff1619c
0000067b 00000000
[ 8.880000] 00000292 dfddd78 ffff99cf c16bc3c0 00000bb8 c041deda
c04201c0 c0527200
[ 8.880000] Call Trace:
[ 8.880000] [<c042023f>] _spin_lock_irqsave+0x3f/0x50
[ 8.880000] [<c041deda>] schedule_timeout+0x4a/0xc0
[ 8.880000] [<c04201c0>] _spin_unlock_irq+0x20/0x30
[ 8.880000] [<c0124960>] process_timeout+0x0/0x10
[ 8.880000] [<c023967d>] xfssyncd+0x4d/0x180
[ 8.880000] [<c0239630>] xfssyncd+0x0/0x180
[ 8.880000] [<c012f908>] kthread+0xa8/0xe0
[ 8.880000] [<c012f860>] kthread+0x0/0xe0
[ 8.880000] [<c0104c2f>] kernel_thread_helper+0x7/0x18
[ 8.880000] =====
[ 8.880000] hotplug D 00000046 0 890 4 891
(NOTLB)
[ 8.880000] c162dd28 00000082 00000246 00000046 c140112c c162dd64
00000002 00000046
[ 8.880000] 0000000a dfe18ae0 114a0c00 00000002 00000000 dfe18bec
c042023f 00000000
[ 8.880000] 00000002 00000001 c13f8ea0 c162dd64 c162dd34 c041dd52
c162dd5c c1401110
[ 8.880000] Call Trace:
[ 8.880000] [<c042023f>] _spin_lock_irqsave+0x3f/0x50
[ 8.880000] [<c041dd52>] io_schedule+0x42/0x60
[ 8.880000] [<c01470f5>] sleep_on_page+0x5/0x10
[ 8.880000] [<c041dfcc>] __wait_on_bit_lock+0x3c/0x70
[ 8.880000] [<c01470f0>] sleep_on_page+0x0/0x10
[ 8.880000] [<c01470e3>] __lock_page+0x73/0x80
[ 8.880000] [<c012fb20>] wake_bit_function+0x0/0x60
[ 8.880000] [<c014798c>] do_generic_mapping_read+0x26c/0x590
[ 8.880000] [<c02372f0>] xfs_vn_follow_link+0x0/0x100
[ 8.880000] [<c0149c8d>] generic_file_aio_read+0xfd/0x220
[ 8.880000] [<c0146df0>] file_read_actor+0x0/0x140
[ 8.880000] [<c02381c3>] xfs_read+0x1c3/0x340
[ 8.880000] [<c023480c>] xfs_file_aio_read+0x6c/0x80
```

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```
[ 8.880000] [<c0167475>] do_sync_read+0xd5/0x120
[ 8.880000] [<c012fad0>] autoremove_wake_function+0x0/0x50
[ 8.880000] [<c01659ae>] fd_install+0x1e/0x40
[ 8.880000] [<c0167e0c>] vfs_read+0xbc/0x180
[ 8.880000] [<c01673a0>] do_sync_read+0x0/0x120
[ 8.880000] [<c0168271>] sys_read+0x41/0x70
[ 8.880000] [<c01040ac>] syscall_call+0x7/0xb
[ 8.880000] =====
[ 8.880000] hotplug D 00000046 0 891 4
890 (NOTLB)
[ 8.880000] c162fd28 00000082 00000246 00000046 c140112c c162fd64
00000002 00000046
[ 8.880000] 00000009 dfe18070 114a0c00 00000002 00000000 dfe1817c
c042023f 00000000
[ 8.880000] 00000002 00000001 c13f8ea0 c162fd64 c162fd34 c041dd52
c162fd5c c1401110
[ 8.880000] Call Trace:
[ 8.880000] [<c042023f>] _spin_lock_irqsave+0x3f/0x50
[ 8.880000] [<c041dd52>] io_schedule+0x42/0x60
[ 8.880000] [<c01470f5>] sleep_on_page+0x5/0x10
[ 8.880000] [<c041dfcc>] __wait_on_bit_lock+0x3c/0x70
[ 8.880000] [<c01470f0>] sleep_on_page+0x0/0x10
[ 8.880000] [<c01470e3>] __lock_page+0x73/0x80
[ 8.880000] [<c012fb20>] wake_bit_function+0x0/0x60
[ 8.880000] [<c014798c>] do_generic_mapping_read+0x26c/0x590
[ 8.880000] [<c02372f0>] xfs_vn_follow_link+0x0/0x100
[ 8.880000] [<c0149c8d>] generic_file_aio_read+0xfd/0x220
[ 8.880000] [<c0146df0>] file_read_actor+0x0/0x140
[ 8.880000] [<c02381c3>] xfs_read+0x1c3/0x340
[ 8.880000] [<c023480c>] xfs_file_aio_read+0x6c/0x80
[ 8.880000] [<c0167475>] do_sync_read+0xd5/0x120
[ 8.880000] [<c012fad0>] autoremove_wake_function+0x0/0x50
[ 8.880000] [<c01659ae>] fd_install+0x1e/0x40
[ 8.880000] [<c0167e0c>] vfs_read+0xbc/0x180
[ 8.880000] [<c01673a0>] do_sync_read+0x0/0x120
[ 8.880000] [<c0168271>] sys_read+0x41/0x70
[ 8.880000] [<c01040ac>] syscall_call+0x7/0xb
[ 8.880000] =====
[ 8.880000]
[ 8.880000] Showing all locks held in the system:
[ 8.880000]
[ 8.880000] =====
[ 8.880000]
```

A try without rootfsflags=nobarrier:

Same hang:

```
[ 36.070931] XFS mounting filesystem sdb6
[ 36.207102] Ending clean XFS mount for filesystem: sdb6
[ 36.223176] VFS: Mounted root (xfs filesystem) readonly.
[ 8.750000] Freeing unused kernel memory: 204k freed
SysRq+T: Again no locks held, but init hangs this time at:
```

Re: [BUG 2.6.20-rc3-mm1] raid1 mount blocks for ever

Re: [BUG 2.6.20-rc3-mm1] raid1 mount blocks for ever

```
[ 9.440000] free sibling
[ 9.440000] task PC stack pid father child younger
older
[ 9.440000] init D 00000046 0 1 0 2
(NOTLB)
[ 9.440000] dff83e94 00000086 dff81510 00000046 c1400eec dff83ed0
00000002 00000046
[ 9.440000] 0000000a dff81510 32aaf800 00000002 00000000 dff8161c
c042023f 00000000
[ 9.440000] 00000002 00000000 dfcf3790 dff83ed0 dff83ea0 c041dd52
dff83ec8 c1400ed0
[ 9.440000] Call Trace:
[ 9.440000] [<c042023f>] _spin_lock_irqsave+0x3f/0x50
[ 9.440000] [<c041dd52>] io_schedule+0x42/0x60
[ 9.440000] [<c01470f5>] sleep_on_page+0x5/0x10
[ 9.440000] [<c041dfcc>] __wait_on_bit_lock+0x3c/0x70
[ 9.440000] [<c01470f0>] sleep_on_page+0x0/0x10
[ 9.440000] [<c01470e3>] __lock_page+0x73/0x80
[ 9.440000] [<c012fb20>] wake_bit_function+0x0/0x60
[ 9.440000] [<c0149a65>] filemap_nopage+0x2f5/0x420
[ 9.440000] [<c01545f1>] __handle_mm_fault+0x111/0x8b0
[ 9.440000] [<c0115dc9>] do_page_fault+0xb9/0x610
[ 9.440000] [<c0115e36>] do_page_fault+0x126/0x610
[ 9.440000] [<c0115d10>] do_page_fault+0x0/0x610
[ 9.440000] [<c0420424>] error_code+0x74/0x7c
[ 9.440000] =====
xfsbufd, xfsyncd and two hotplugs in D-state all hang at
_spin_lock_irqsave+0x3f/0x50
```

Last try: Also removing lapic from the commandline...
Same hang after Freeing unused kernel memory, but now not even SysRQ works...

Anything else I should/can try?

Torsten

-

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