Re: [PATCH] x86: Fix DMI out of memory problems

Source: http://linux.derkeiler.com/Mailing−Lists/Kernel/2007−12/msg06813.html

- *From*: "Parag Warudkar" <parag.warudkar@xxxxxxxxx>
- *Date*: Wed, 19 Dec 2007 12:00:31 −0500

On Dec 19, 2007 11:54 AM, Ingo Molnar <mingo@xxxxxxx> wrote:

> * Parag Warudkar <parag.warudkar@xxxxxxxxx> wrote:
>
> > −−− 2.6.24−rc5−patched 2007−12−19 07:21:05.000000000 −0500
> > +++ 2.6.24−rc5−new 2007−12−19 11:36:54.000000000 −0500
>
> hm, i see no OOM messages in the diff − what am i missing?
>
> best would be to run:
>
> sort 2.6.24−rc5−patched > new.log
> sort 2.6.24−rc5−new > old.log
> diff −up old.log new.log
>
> to remove line ordering issues.

Pasted the wrong diff − just wanted to feel normal about the day I guess.

Here is the right one −
2.6.24−rc5 is without patch, 2.6.24−rc5−new is with patch.

−−− old.log 2007−12−19 11:59:15.000000000 −0500
+++ new.log 2007−12−19 11:59:08.000000000 −0500
@@ −76,7 +76,7 @@ ahci 0000:00:1f.2: flags: 64bit ncq sntf
ahci 0000:00:1f.2: version 3.0
Allocate Port Service[0000:00:01.0:pcie00]
Allocating PCI resources starting at d4000000 (gap: d0000000:2ee00000)
−APIC timer calibration result 12499727
+APIC timer calibration result 12499803
assign_interrupt_mode Found MSI capability
ata1: SATA link down (SStatus 0 SControl 310)
ata1: SATA max UDMA/100 mmio m512@0xf9ffec00 tf 0xf9ffec80 irq 17
@@ −105,8 +105,8 @@ ata8.00: ATA−7: ST3300622AS, 3.AAH, max
ata8.00: configured for UDMA/133

ata8: SATA link up 3.0 Gbps (SStatus 123 SControl 300)
ata8: SATA max UDMA/133 abar m2048@0xf9eff000 port 0xf9eff380 irq 318
−audit(1198063330.636:1): initialized
−audit(1198063349.305:2): policy loaded auid=4294967295
+audit(1198064108.636:1): initialized
+audit(1198064127.320:2): policy loaded auid=4294967295
audit: initializing netlink socket (disabled)
BIOS−e820: 0000000000000000 − 000000000009ec00 (usable)
BIOS−e820: 000000000009ec00 − 00000000000a0000 (reserved)
@@ −133,8 +133,8 @@ Boot video device is 0000:02:00.0
Bridge firewalling registered
Brought up 2 CPUs
Built 1 zonelists in Zone order, mobility grouping on. Total pages: 1547375
−Calibrating delay using timer specific routine.. 4399.87 BogoMIPS (lpj=8799757)
−Calibrating delay using timer specific routine.. 4403.76 BogoMIPS (lpj=8807520)
+Calibrating delay using timer specific routine.. 4399.95 BogoMIPS (lpj=8799915)
+Calibrating delay using timer specific routine.. 4403.90 BogoMIPS (lpj=8807800)
Capability LSM initialized as secondary
Checking aperture...
checking if image is initramfs...<7>Switched to high resolution mode on CPU 1
@@ −164,8 +164,6 @@ device−mapper: multipath: version 1.0.5
DMA zone: 2823 pages, LIFO batch:0
DMA zone: 56 pages used for memmap
DMI present.
−dmi_save_oem_strings_devices: out of memory.
−dmi_string: out of memory.
Dquot−cache hash table entries: 512 (order 0, 4096 bytes)
drivers/hid/usbhid/hid−core.c: v2.6:USB HID core driver
e1000e: Copyright (c) 1999−2007 Intel Corporation.
@@ −227,9 +225,9 @@ Initializing XFRM netlink socket
Inode−cache hash table entries: 524288 (order: 10, 4194304 bytes)
input: AT Translated Set 2 keyboard as /class/input/input1
input: ImPS/2 Generic Wheel Mouse as /class/input/input0
−input: PC Speaker as /class/input/input2
+input: PC Speaker as /class/input/input3
input: Power Button (CM) as /class/input/input4
−input: Power Button (FF) as /class/input/input3
+input: Power Button (FF) as /class/input/input2
Intel(R) Core(TM)2 Duo CPU E4500 @ 2.20GHz stepping 0d
IOAPIC[0]: apic_id 2, address 0xfec00000, GSI 0−23
io scheduler anticipatory registered
@@ −251,7 +249,7 @@ ldm_parse_tocblock(): Cannot find TOCBLO
libata version 3.00 loaded.
Linux agpgart interface v0.102
Linux Plug and Play Support v0.97 (c) Adam Belay
−Linux version 2.6.24−rc5 (parag@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx) (gcc
version 4.1.2 20070626 (Red Hat 4.1.2−14)) #1 SMP Wed Dec 19 07:39:04
EST 2007
+Linux version 2.6.24−rc5 (parag@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx) (gcc
version 4.1.2 20070626 (Red Hat 4.1.2−14)) #2 SMP Wed Dec 19 11:32:37
EST 2007

Linux video capture interface: v2.00
lo: Disabled Privacy Extensions
lp: driver loaded but no devices found
@@ −450,7 +448,7 @@ TCP bind hash table entries: 65536 (orde
TCP established hash table entries: 262144 (order: 10, 4194304 bytes)
TCP: Hash tables configured (established 262144 bind 65536)
TCP reno registered
−time.c: Detected 2199.952 MHz processor.
+time.c: Detected 2199.958 MHz processor.
Time: tsc clocksource has been installed.
Total HugeTLB memory allocated, 0
TSC calibrated against HPET

Parag
−−
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