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Subject: Kernel oopses on 2.6.24 + ovz005.1

Posted by [Jan Kokoska](#) on Tue, 17 Jun 2008 13:04:08 GMT

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Hi,

I'm seeing a number of these oopses in which a process that was somewhat busy gets killed, on a 2.6.24 + ovz005.1 (custom compiled but no other patches). See below. So far no kernel panic, but obviously useless for a production setup.

The machine is 4-way quad-core Opteron, recent build. Do you need more information? (lspci output attached)

Suggestions to fix this would be much appreciated. Failing to fix this, I'd be patching Areca drivers on latest 2.6.18 OpenVZ kernel to be able to use this box, but would really prefer to get the new release working instead.

Regards,  
Jan

Unable to handle kernel paging request at ffffffff836b79b8 RIP:

[<fffffff802daa8b>] sys\_write+0x9b/0xf0

PGD 203067 PUD 207063 PMD 0

Oops: 0002 [1] SMP

CPU: 6

Modules linked in:

Pid: 1861, comm: udevd Not tainted 2.6.24-64bit-fryit #1 ovz005

RIP: 0010:[<fffffff802daa8b>] [<fffffff802daa8b>] sys\_write+0x9b/0xf0

RSP: 0018:ffff81022c157f48 EFLAGS: 00010206

RAX: ffffffff836b7950 RBX: ffff81042d55f380 RCX: ffffffff80ce6540

RDX: 0000000000000006 RSI: 0000000000000002 RDI: ffff81022c0a4d90

RBP: 0000000000000005 R08: 0000000000000000 R09: 0000000000000000

R10: 0000000000000001 R11: 0000000000000071 R12: 0000000000000005

R13: 00007fffebe21a60 R14: 0000000000614b80 R15: 000000000000000b

FS: 00002b57bf628e80(0000) GS:ffff81042e9c9bc0(0000) knlGS:0000000000000000

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

CR2: ffffffff836b79b8 CR3: 000000022c0a5000 CR4: 000000000000006e0

DR0: 0000000000000000 DR1: 0000000000000000 DR2: 0000000000000000

DR3: 0000000000000000 DR6: 00000000ffff0ff0 DR7: 00000000000000400

Process udevd (pid: 1861, veid=0, threadinfo ffff81022c156000, task

ffff81022d6c12e0)

Stack: ffff81042d55f380 0000000000000005 0000000000000241 0000000000000008

0000000000614a10 0000000000614a40 0000000000000006 ffffffff8020be4e

0000000000000246 0000000000000000 00002b57bf1e05a0 0000000000000000

Call Trace:

[<fffffff8020be4e>] system\_call+0x7e/0x83

Code: 48 83 40 68 01 48 8b 81 20 0a 00 00 65 8b 14 25 24 00 00 00

RIP [<ffffff802daa8b>] sys\_write+0x9b/0xf0

RSP <ffff81022c157f48>

CR2: ffffffff836b79b8

---[ end trace b196e3e69909d5c4 ]---

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Jan Kokoska

System Architect

Fry-IT Limited

www.fry-it.com

00:00.0 Memory controller [0580]: nVidia Corporation CK804 Memory Controller [10de:005e] (rev a4)

00:01.0 ISA bridge [0601]: nVidia Corporation CK804 ISA Bridge [10de:0051] (rev f1)

00:01.1 SMBus [0c05]: nVidia Corporation CK804 SMBus [10de:0052] (rev a2)

00:02.0 USB Controller [0c03]: nVidia Corporation CK804 USB Controller [10de:005a] (rev a2)

00:02.1 USB Controller [0c03]: nVidia Corporation CK804 USB Controller [10de:005b] (rev a4)

00:06.0 IDE interface [0101]: nVidia Corporation CK804 IDE [10de:0053] (rev f3)

00:07.0 IDE interface [0101]: nVidia Corporation CK804 Serial ATA Controller [10de:0054] (rev f3)

00:08.0 IDE interface [0101]: nVidia Corporation CK804 Serial ATA Controller [10de:0055] (rev f3)

00:09.0 PCI bridge [0604]: nVidia Corporation CK804 PCI Bridge [10de:005c] (rev f2)

00:0a.0 Bridge [0680]: nVidia Corporation CK804 Ethernet Controller [10de:0057] (rev f3)

00:0b.0 PCI bridge [0604]: nVidia Corporation CK804 PCIE Bridge [10de:005d] (rev f3)

00:0c.0 PCI bridge [0604]: nVidia Corporation CK804 PCIE Bridge [10de:005d] (rev f3)

00:0d.0 PCI bridge [0604]: nVidia Corporation CK804 PCIE Bridge [10de:005d] (rev f3)

00:0e.0 PCI bridge [0604]: nVidia Corporation CK804 PCIE Bridge [10de:005d] (rev a3)

00:18.0 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] HyperTransport Configuration [1022:1200]

00:18.1 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Address Map [1022:1201]

00:18.2 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] DRAM Controller [1022:1202]

00:18.3 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Miscellaneous Control [1022:1203]

00:18.4 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Link Control [1022:1204]

00:19.0 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] HyperTransport Configuration [1022:1200]

00:19.1 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Address Map [1022:1201]

00:19.2 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] DRAM Controller [1022:1202]

00:19.3 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Miscellaneous Control [1022:1203]

00:19.4 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64,

Sempron] Link Control [1022:1204]  
00:1a.0 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] HyperTransport Configuration [1022:1200]  
00:1a.1 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Address Map [1022:1201]  
00:1a.2 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] DRAM Controller [1022:1202]  
00:1a.3 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Miscellaneous Control [1022:1203]  
00:1a.4 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Link Control [1022:1204]  
00:1b.0 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] HyperTransport Configuration [1022:1200]  
00:1b.1 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Address Map [1022:1201]  
00:1b.2 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] DRAM Controller [1022:1202]  
00:1b.3 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Miscellaneous Control [1022:1203]  
00:1b.4 Host bridge [0600]: Advanced Micro Devices [AMD] Family 10h [Opteron, Athlon64, Sempron] Link Control [1022:1204]  
01:06.0 Ethernet controller [0200]: Intel Corporation 82541GI Gigabit Ethernet Controller [8086:1076] (rev 05)  
01:09.0 VGA compatible controller [0300]: XGI Technology Inc. (eXtreme Graphics Innovation) Volari Z7 [18ca:0020]  
05:00.0 PCI bridge [0604]: Intel Corporation 80333 Segment-A PCI Express-to-PCI Express Bridge [8086:0370]  
05:00.2 PCI bridge [0604]: Intel Corporation 80333 Segment-B PCI Express-to-PCI Express Bridge [8086:0372]  
06:0e.0 RAID bus controller [0104]: Areca Technology Corp. ARC-1210 4-Port PCI-Express to SATA RAID Controller [17d3:1210]  
80:00.0 Memory controller [0580]: nVidia Corporation CK804 Memory Controller [10de:005e] (rev a4)  
80:01.0 Memory controller [0580]: nVidia Corporation CK804 Memory Controller [10de:00d3] (rev f1)  
80:0a.0 Bridge [0680]: nVidia Corporation CK804 Ethernet Controller [10de:0057] (rev f3)  
80:0b.0 PCI bridge [0604]: nVidia Corporation CK804 PCIE Bridge [10de:005d] (rev f3)  
80:0c.0 PCI bridge [0604]: nVidia Corporation CK804 PCIE Bridge [10de:005d] (rev f3)  
80:0d.0 PCI bridge [0604]: nVidia Corporation CK804 PCIE Bridge [10de:005d] (rev f3)  
80:0e.0 PCI bridge [0604]: nVidia Corporation CK804 PCIE Bridge [10de:005d] (rev a3)

## File Attachments

1) [lspci.txt](#), downloaded 741 times

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