
Subject: kernel: Oops: 0002 [1] SMP

Posted by [marsvin](#) on Tue, 29 May 2007 13:21:14 GMT

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Hi guys,

I've been using OpenVZ for months and until now it's been working perfectly.

Then a few days ago, I was unpacking a tar ball on one of the VEs and suddenly it dumped, causing a kernel oops:

homer kernel: Oops: 0002 [1] SMP

The tar process turned into a zombie and any subsequent that tried to access the last file created also zombied (like ls or vi.) I couldn't use ps any more either, again the process turned zombie. After a reboot everything was back to normal but I had to do a hard reset since the harddisk did not want to sync either.

I haven't been able to reproduce the error so far, but I wanted to report it any way.

\$ uname -r

2.6.18-1-openvz

May 24 20:49:27 homer kernel: PGD 2f2a8067 PUD 6b98a067 PMD 0

May 24 20:49:27 homer kernel: CPU: 0

May 24 20:49:27 homer kernel: Modules linked in: simfs vznetdev vzethdev vzrst vzcpt vzdquota vzmon vzdev xt_length ipt_ttl xt_tcpmss ipt_TCPMSS xt_multiport xt_limit ipt_tos ipt_REJECT ipv6 button

ac battery xt_tcpudp xt_state ipt_LOG ip_conntrack_ftp iptable_mangle iptable_nat ip_nat ip_conntrack nfnetlink iptable_filter ip_tables x_tables dm_snapshot dm_mirror dm_mod loop amd_rng parport_

pc parport i2c_amd8111 i2c_amd756 shpchp i2c_core psmouse pci_hotplug floppy serio_raw pcspkr evdev ext3 jbd mbcache raid1 md_mod usbhid ide_generic sd_mod ide_cd cdrom sata_mv ohci_hcd tg3 libata

amd74xx generic ide_core scsi_mod thermal processor fan

May 24 20:49:27 homer kernel: Pid: 183, comm: kswapd1 Not tainted 2.6.18-1-openvz #1

May 24 20:49:27 homer kernel: RIP: 0060:[<ffffffff80260a7d>] [<ffffffff80260a7d>]
_spin_lock+0x0/0xa

May 24 20:49:27 homer kernel: RSP: 0068:ffff81013c273d58 EFLAGS: 00010283

May 24 20:49:27 homer kernel: RAX: 0000000000000001 RBX: ffff81002ad30358 RCX: ffffffff8045cf40

May 24 20:49:27 homer kernel: RDX: ffff81002ad30358 RSI: 00000000000000d0 RDI: 0000000000000070

May 24 20:49:27 homer kernel: RBP: 0000000000000000 R08: ffff810014f31700 R09: ffff810037acbc40

May 24 20:49:27 homer kernel: R10: ffff810117292070 R11: ffffffff802e53e1 R12: 000000000000001f

May 24 20:49:27 homer kernel: R13: 000000000000001f R14: 0000000000000080 R15: 000000001f1b87f6

May 24 20:49:27 homer kernel: FS: 0000000040800960(0000) GS: ffffffff8052f000(0000)
knIGS:0000000000000000

May 24 20:49:27 homer kernel: CS: 0060 DS: 0068 ES: 0068 CR0: 000000008005003b
May 24 20:49:27 homer kernel: CR2: 0000000000000070 CR3: 000000003e699000 CR4:
000000000000006e0
May 24 20:49:27 homer kernel: Process kswapd1 (pid: 183, veid=0, threadinfo ffff81013c272000,
task ffff81007dab1240)
May 24 20:49:27 homer kernel: Stack: ffffffff802c5b74 00000000000000246 ffff81002ad301c8
0000000000000000
May 24 20:49:27 homer kernel: ffffffff8022bffa 00000000000000246 002d6bc5ce67270b
ffff8101002d6bde
May 24 20:49:27 homer kernel: 00000000ffffffff ffff81002ad30518 ffff81001406ec98
00000000000000212
May 24 20:49:27 homer kernel: Call Trace:
May 24 20:49:27 homer kernel: [<ffffffff802c5b74>] remove_inode_buffers+0x34/0x6a
May 24 20:49:27 homer kernel: [<ffffffff8022bffa>] shrink_icache_memory+0x10b/0x2d4
May 24 20:49:27 homer kernel: [<ffffffff8023e228>] shrink_slab+0xe2/0x159
May 24 20:49:27 homer kernel: [<ffffffff80255eeb>] kswapd+0x325/0x422
May 24 20:49:27 homer kernel: [<ffffffff80292f0d>] autoremove_wake_function+0x0/0x2e
May 24 20:49:27 homer kernel: [<ffffffff80255bc6>] kswapd+0x0/0x422
May 24 20:49:27 homer kernel: [<ffffffff80292d4a>] keventd_create_kthread+0x0/0x61
May 24 20:49:27 homer kernel: [<ffffffff80230b95>] kthread+0xd4/0x107
May 24 20:49:27 homer kernel: [<ffffffff8025c348>] child_rip+0xa/0x12
May 24 20:49:27 homer kernel: [<ffffffff80292d4a>] keventd_create_kthread+0x0/0x61
May 24 20:49:27 homer kernel: [<ffffffff8026ecb6>] flat_send_IPI_mask+0x0/0x3d
May 24 20:49:27 homer kernel: [<ffffffff80230ac1>] kthread+0x0/0x107
May 24 20:49:27 homer kernel: [<ffffffff8025c33e>] child_rip+0x0/0x12
May 24 20:49:27 homer kernel:
May 24 20:49:27 homer kernel:
May 24 20:49:27 homer kernel: Code: f0 ff 0f 0f 88 7e 01 00 00 c3 48 89 f8 f0 81 28 00 00 00 01
May 24 20:49:27 homer kernel: RSP <ffff81013c273d58>

Subject: Re: kernel: Oops: 0002 [1] SMP
Posted by [Vasily Tarasov](#) on Fri, 01 Jun 2007 07:52:34 GMT
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Hello,

You indicate the version of your kernel as 2.6.18-1. This is not standart OpenVZ versioning, so I suspect that you're using self-build kernel. In this case you should tell us the exact version of sources you have used.

Thank you,
Vasily
