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Subject: Re: Kernel 2.6.18-openvz-13-39.1d1-amd64 oops

Posted by [dev](#) on Mon, 29 Oct 2007 17:32:05 GMT

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Thorsten,

Alexey Dobriyan told me that you said you found some misprint in OVZ patch ported to debian.

Is it true? Can you please point to this? Any patch?

to Frank, can you try using 2.6.18-mainstream-OVZ kernel until this is resolved in Debian branch and thus confirm that it's purely debian-kernel problem?

Thanks,  
Kirill

E Frank Ball III wrote:

> On Wed, Oct 24, 2007 at 06:31:39AM +0200, Martin Trtusek wrote:

> > The same kernel on i386 is working without oops (uptime 22 days). Should

> > I fulfill a bug ?

> >

> > Unfortunately previous hardware are not available for test now (it is in

> > production, with 2.6.18-openvz-13-1etch4 kernel). Probably after next

> > week we will have similar one for 1-2 week testing.

> >

> > Martin Trtusek

> >

> > > I installed kernel 2.6.18-openvz-13-39.1d1-amd64 from

> > > <http://download.openvz.org/debian> on Debian Etch one week ago and

> > > experienced kernel oops (complete freezing, off/on necessary) after 2-3

> > > days of running (3 times). Oops is always after cron.daily scripts (in

> > > my case 06:25) but not everyday. Yesterday I configured netconsole for

> > > capturing useful info, enclosed.

>

>

> I've seen three crashes with

> linux-image-2.6.18-openvz-13-39.1d2-686\_028.39.1d2\_i386.deb

>

> I changed my production server back to 2.6.18-openvz-12-1etch1-686.

>

> I captured the output this time:

>

> preparing to turn dcache accounting on, size 4294967293 pages, watermarks 0 21800

> UBC: turning dcache accounting on succeeded, usage 1236258, time 0.040

> -----[ cut here ]-----

> kernel BUG at kernel/sched.c:3798!

```

> invalid opcode: 0000 [#1]
> SMP
> Modules linked in: netconsole tcp_diag inet_diag hp100 nfs simfs
> vznetdev vzethdev vzrst ip_nat vzcpt ip_contrack nfnetlink vzdquota
> vzmon vzdev xt_length ipt_ttl xt_tcpmss ipt_TCPMSS iptable_mangle
> iptable_filter xt_multiport xt_limit ipt_tos ipt_REJECT ip_tables
> x_tables nfsd exportfs lockd nfs_acl sunrpc ppdev lp ipv6 nls_iso8859_1
> isofs dm_snapshot dm_mirror dm_mod uhci_hcd ehci_hcd usb_storage
> ide_generic loop snd_cs46xx gameport snd_seq_dummy snd_seq_oss
> snd_seq_midi snd_seq_midi_event snd_seq tsdev snd_rawmidi snd_seq_device
> snd_ac97_codec snd_ac97_bus snd_pcm_oss snd_mixer_oss i2c_piix4 snd_pcm
> i2c_core snd_timer parport_pc psmouse rtc serio_raw snd evdev soundcore
> snd_page_alloc shpchp pci_hotplug parport sworks_agp agpgart floppy
> pcspkr ide_floppy ext3 jbd mbcache sd_mod ide_cd cdrom ide_disk ohci_hcd
> usbcore aic7xxx scsi_transport_spi scsi_mod serverworks generic ide_core
> e100 mii processor
> CPU: 1, VCPU: -1.1
> EIP: 0060:[<c01163a8>] Not tainted VLI
> EFLAGS: 00010046 (2.6.18-openvz-13-39.1d2-686 #1)
> EIP is at rebalance_tick+0x2fa/0x485
> eax: 0000005e ebx: c035c6c0 ecx: 00000008 edx: dfb05d94
> esi: c2214180 edi: dfb99000 ebp: dfb05db0 esp: dfb05d64
> ds: 007b es: 007b ss: 0068
> Process swapper (pid: 0, veid: 0, ti=dfb04000 task=dfb01220 task.ti=dfb04000)
> Stack: 00000000 00000000 dfb98000 dfb98000 330b1369 00000001 00000002 00000001
> dfb99000 1fb2c449 dfb99000 00000003 000000ff 0000005e 00000000 00000000
> dfb01220 00000001 00000000 c1f78da4 c012476b dfb05dd0 f524a414 00000202
> Call Trace:
> [<c012476b>] update_process_times+0x52/0x5c
> [<c010c9d2>] smp_apic_timer_interrupt+0x9b/0xa1
> [<c010342b>] apic_timer_interrupt+0x1f/0x24
> [<c0281338>] _spin_unlock_irqrestore+0x8/0x9
> [<c012d3f6>] __wake_up_bit+0x29/0x2e
> [<c016515e>] end_buffer_async_write+0xe3/0x105
> [<c014a30c>] mempool_free+0x5f/0x63
> [<c0164939>] end_bio_bh_io_sync+0x0/0x39
> [<c0164967>] end_bio_bh_io_sync+0x2e/0x39
> [<c016618d>] bio_endio+0x50/0x55
> [<c01a835d>] __end_that_request_first+0x11b/0x425
> [<f891f12d>] scsi_end_request+0x1a/0xa9 [scsi_mod]
> [<c014a30c>] mempool_free+0x5f/0x63
> [<f891f2ff>] scsi_io_completion+0x143/0x2ed [scsi_mod]
> [<f89553b2>] sd_rw_intr+0x1eb/0x215 [sd_mod]
> [<f891b3bd>] scsi_finish_command+0x73/0x77 [scsi_mod]
> [<c01a9f25>] blk_done_softirq+0x4d/0x58
> [<c01205aa>] __do_softirq+0x84/0x109
> [<c0120665>] do_softirq+0x36/0x3a
> [<c0104ea4>] do_IRQ+0x8a/0x92

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> [<c010339a>] common_interrupt+0x1a/0x20
> [<c0101731>] default_idle+0x0/0x59
> [<c0101762>] default_idle+0x31/0x59
> [<c01017e8>] cpu_idle+0x5e/0x74
> Code: 0c 85 c0 0f 84 4e 01 00 00 53 89 c2 8b 4d b8 ff 75 e8 8b 45 dc e8
> a7 cf ff ff 89 c3 58 85 db 5a 0f 84 31 01 00 00 39 7d d4 75 0b <0f> 0b
> 66 b8 d6 0e b8 a3 61 29 c0 39 fb 89 5d d4 0f 84 16 01 00
> EIP: [<c01163a8>] rebalance_tick+0x2fa/0x485 SS:ESP 0068:dfb05d64
> Kernel panic - not syncing: Fatal exception in interrupt
> BUG: warning at arch/i386/kernel/smp.c:550/smp_call_function()
> [<c010b093>] smp_call_function+0x53/0xfe
> [<c011bfce>] vprintk+0x26/0x3a
> [<c010b151>] smp_send_stop+0x13/0x1c
> [<c011b322>] panic+0x4c/0xe2
> [<c0103d59>] die+0x252/0x269
> [<c0104617>] do_invalid_op+0x0/0x9d
> [<c01046a8>] do_invalid_op+0x91/0x9d
> [<c01163a8>] rebalance_tick+0x2fa/0x485
> [<f8e3c87a>] ipt_do_table+0x2a1/0x2cb [ip_tables]
> [<c01b2b10>] __next_cpu+0x12/0x21
> [<c0113533>] find_busiest_group+0x185/0x46e
> [<f8f5e982>] venet_entry_lookup+0x2c/0x5a [vznetdev]
> [<c01034dd>] error_code+0x39/0x40
> [<c01163a8>] rebalance_tick+0x2fa/0x485
> [<c012476b>] update_process_times+0x52/0x5c
> [<c010c9d2>] smp_apic_timer_interrupt+0x9b/0xa1
> [<c010342b>] apic_timer_interrupt+0x1f/0x24
> [<c0281338>] _spin_unlock_irqrestore+0x8/0x9
> [<c012d3f6>] __wake_up_bit+0x29/0x2e
> [<c016515e>] end_buffer_async_write+0xe3/0x105
> [<c014a30c>] mempool_free+0x5f/0x63
> [<c0164939>] end_bio_bh_io_sync+0x0/0x39
> [<c0164967>] end_bio_bh_io_sync+0x2e/0x39
> [<c016618d>] bio_endio+0x50/0x55
> [<c01a835d>] __end_that_request_first+0x11b/0x425
> [<f891f12d>] scsi_end_request+0x1a/0xa9 [scsi_mod]
> [<c014a30c>] mempool_free+0x5f/0x63
> [<f891f2ff>] scsi_io_completion+0x143/0x2ed [scsi_mod]
> [<f89553b2>] sd_rw_intr+0x1eb/0x215 [sd_mod]
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> [<c01a9f25>] blk_done_softirq+0x4d/0x58
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> [<c0120665>] do_softirq+0x36/0x3a
> [<c0104ea4>] do_IRQ+0x8a/0x92
> [<c010339a>] common_interrupt+0x1a/0x20
> [<c0101731>] default_idle+0x0/0x59
> [<c0101762>] default_idle+0x31/0x59
> [<c01017e8>] cpu_idle+0x5e/0x74

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