
Subject: Re: Kernel 2.6.18-openvz-13-39.1d1-amd64 oops
Posted by [Thorsten Schifferdeck](#) on Mon, 05 Nov 2007 17:48:38 GMT
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Hi Kirill, hi Frank,

@Kirill:

yes i found a misprint, which affected the debian linux tree only
028stab045, done in my linux-patch-openvz.

I can take a look between Ola's 028stab039 and my patches and mail the
diff to Alex and you.

@Frank:

I've built the the OpenVZ kernels called fzakernel, it's the debian kernel
config plus OpenVZ support, version 028stab048;
see

<http://debian.systs.org/openvz/166/new-openvz-flavour-added-fzakernel-version-028stab481/>

Regards,
Thorsten

Am Mo, 29.10.2007, 17:34, schrieb Kirill Korotaev:

> 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.

>> >

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>> > 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_conntrack 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

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>> 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
>> [<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

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>> [<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]
>> [<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
>> [<c010339a>] common_interrupt+0x1a/0x20
>> [<c0101731>] default_idle+0x0/0x59
>> [<c0101762>] default_idle+0x31/0x59
>> [<c01017e8>] cpu_idle+0x5e/0x74
```
