Subject: Re: Kernel 2.6.18-openvz-13-39.1d1-amd64 oops
Posted by dev on Tue, 06 Nov 2007 15:31:04 GMT

View Forum Message <> Reply to Message

Frank,

can you please try this kernel?

Thanks,
Kirill

Thorsten Schifferdecker wrote:
> 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.
>
>>> >
>>> > 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
>>>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
>>> [<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
>
>