
Subject: vzmon crash

Posted by [Benjamin Henrion](#) on Fri, 06 Apr 2012 13:40:35 GMT

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Hi,

I am using gentoo kernel with openvz patches, vzmon module crashes, it seems to be similar to that Proxmox 2.6.32 bug:

<http://forum.proxmox.com/archive/index.php/t-6231.html>

*** VZWDOG 1.14: time 1333719339.514764 uptime 4295252895 CPU 1 ***

*** jiffies_per_second 250 ***

	CPU0	CPU1	CPU2	CPU3	CPU4	CPU5	CPU6	CPU7
0:	43	0	0	245186	0	0		
	0	0	IO-APIC-edge	timer				
1:	0	0	0	8	0	0		
	0	0	IO-APIC-edge	i8042				
29:	532568	0	0	0	0	0		
	0	0	PCI-MSI-edge	ahci				
30:	0	0	152423	0	0	0		
	0	0	PCI-MSI-edge	eth0				
LOC:	131591	68541	32036	1946	34970	22076		
	7126	6163	Local timer	interrupts				
RES:	28111	34	39	47	1135	32		
	39	39	Rescheduling	interrupts				
CAL:	41	187	200	205	207	205		
	205	207	Function call	interrupts				
TLB:	530	239	135	208	1172	7769		
	1419	1035	TLB shootdowns					
MCP:	6	6	6	6	6	6		
	6	6	Machine check	polls				
ERR:	7							
pgdat:	0:	16,2094862,2359280						
Mem-Info:								
DMA per-cpu:								
CPU 0:	hi: 0, btch: 1	usr: 0						
CPU 1:	hi: 0, btch: 1	usr: 0						
CPU 2:	hi: 0, btch: 1	usr: 0						
CPU 3:	hi: 0, btch: 1	usr: 0						
CPU 4:	hi: 0, btch: 1	usr: 0						
CPU 5:	hi: 0, btch: 1	usr: 0						
CPU 6:	hi: 0, btch: 1	usr: 0						
CPU 7:	hi: 0, btch: 1	usr: 0						
DMA32 per-cpu:								
CPU 0:	hi: 186, btch: 31	usr: 161						
CPU 1:	hi: 186, btch: 31	usr: 87						

```
CPU 2: hi: 186, btch: 31 usd: 47
CPU 3: hi: 186, btch: 31 usd: 85
CPU 4: hi: 186, btch: 31 usd: 76
CPU 5: hi: 186, btch: 31 usd: 172
CPU 6: hi: 186, btch: 31 usd: 77
CPU 7: hi: 186, btch: 31 usd: 159
Normal per-cpu:
CPU 0: hi: 186, btch: 31 usd: 154
CPU 1: hi: 186, btch: 31 usd: 115
CPU 2: hi: 186, btch: 31 usd: 68
CPU 3: hi: 186, btch: 31 usd: 45
CPU 4: hi: 186, btch: 31 usd: 51
CPU 5: hi: 186, btch: 31 usd: 163
CPU 6: hi: 186, btch: 31 usd: 34
CPU 7: hi: 186, btch: 31 usd: 172
active_anon:1122 inactive_anon:620 isolated_anon:0
active_file:162549 inactive_file:1572408 isolated_file:0
unevictable:0 dirty:0 writeback:0 unstable:0
free:22630 slab_reclaimable:266858 slab_unreclaimable:5442
mapped:948 shmем:54 pagetables:246 bounce:0
DMA free:15880kB min:20kB low:24kB high:28kB active_anon:0kB
inactive_anon:0kB active_file:0kB inactive_file:0kB unevictable:0kB
isolated(anon):0kB isolated(file):0kB present:15240kB mlocked:0kB
dirty:0kB writeback:0kB mapped:0kB shmем:0kB slab_reclaimable:0kB
slab_unreclaimable:0kB kernel_stack:0kB pagetables:0kB unstable:0kB
bounce:0kB writeback_tmp:0kB pages_scanned:0 all_unreclaimable? yes
lowmem_reserve[]: 0 2983 8023 8023
DMA32 free:41556kB min:4256kB low:5320kB high:6384kB active_anon:0kB
inactive_anon:0kB active_file:101684kB inactive_file:2491448kB
unevictable:0kB isolated(anon):0kB isolated(file):0kB
present:3055360kB mlocked:0kB dirty:0kB writeback:0kB mapped:0kB
shmем:0kB slab_reclaimable:266380kB slab_unreclaimable:520kB
kernel_stack:0kB pagetables:0kB unstable:0kB bounce:0kB
writeback_tmp:0kB pages_scanned:0 all_unreclaimable? no
lowmem_reserve[]: 0 0 5040 5040
Normal free:33084kB min:7192kB low:8988kB high:10788kB
active_anon:4488kB inactive_anon:2480kB active_file:548512kB
inactive_file:3798184kB unevictable:0kB isolated(anon):0kB
isolated(file):0kB present:5160960kB mlocked:0kB dirty:0kB
writeback:0kB mapped:3792kB shmем:216kB slab_reclaimable:801052kB
slab_unreclaimable:21248kB kernel_stack:1448kB pagetables:984kB
unstable:0kB bounce:0kB writeback_tmp:0kB pages_scanned:0
all_unreclaimable? no
lowmem_reserve[]: 0 0 0 0
DMA: 0*4kB 1*8kB 2*16kB 3*32kB 2*64kB 2*128kB 0*256kB 0*512kB 1*1024kB
1*2048kB 3*4096kB = 15880kB
DMA32: 1825*4kB 106*8kB 62*16kB 47*32kB 41*64kB 37*128kB 28*256kB
14*512kB 1*1024kB 0*2048kB 2*4096kB = 41556kB
```

Normal: 2237*4kB 535*8kB 261*16kB 119*32kB 63*64kB 5*128kB 0*256kB
0*512kB 1*1024kB 1*2048kB 1*4096kB = 33052kB
1735021 total pagecache pages
0 pages in swap cache
Swap cache stats: add 0, delete 0, find 0/0
Free swap = 0kB
Total swap = 0kB
2097136 pages RAM
56150 pages reserved
960969 pages shared
1057388 pages non-shared
disk_io: 8 0 sda 234554 28916 4513570 178252 30047 2500016
20601346 6064660 0 259544 6244912
8 1 sda1 234141 28319 4509551 176436 1087 21490 178596 137104
0 179084 313448
8 2 sda2 275 519 2297 1520 28960 2478526 20422750 5927556 0
104608 5931168
8 16 sdb 238066 31826 5254250 169676 29257 2500844 20601346
10094932 0 253380 10264836
8 17 sdb1 237737 31482 5251461 168160 1087 21490 178596 120572
0 172364 288616
8 18 sdb2 269 288 1867 1268 28170 2479354 20422750 9974360 0
103856 9975972
BUG: unable to handle kernel NULL pointer dereference at 0000000000000010
IP: [<ffffffff81154ce6>] disk_part_iter_next+0x4b/0xca
PGD 0
Oops: 0000 [#1] SMP
last sysfs file: /sys/module/vzmon/initstate
CPU 1
Modules linked in: vzcpt vzevent vzwdog vzmon vzdev ipv6 processor
thermal thermal_sys evdev i2c_i801 r8169 mii pcspkr i2c_core button
iscsi_tcp libiscsi_tcp libiscsi scsi_transport_iscsi tg3 libphy e1000
fuse xfs exportfs jfs reiserfs ext4 crc16 jbd2 ext3 jbd raid10 raid456
async_raid6_recov async_memcpy async_pq raid6_pq async_xor xor
async_tx raid0 dm_snapshot dm_crypt dm_mirror dm_region_hash dm_log
dm_mod scsi_wait_scan hid_sunplus hid_sony hid_samsung hid_pl
hid_petalynx hid_monterey hid_microsoft hid_logitech hid_gyration
hid_ezkey hid_cypress hid_chicony hid_cherry hid_belkin hid_apple
hid_a4tech sl811_hcd usbhid ohci_hcd uhci_hcd usb_storage ehci_hcd
lpfc qla2xxx megaraid_sas megaraid_mbox megaraid_mm megaraid aacraid
sx8 DAC960 3w_9xxx 3w_xxxx mptsas scsi_transport_sas mptfc
scsi_transport_fc mptspi mptscsih mptbase atp870u dc395x qla1280 imm
parport dmx3191d sym53c8xx gdth initio BusLogic arcmsr aic7xxx aic79xx
scsi_transport_spi sr_mod cdrom sg sd_mod pdc_adma sata_inic162x
ata_piix ahci sata_qstor sata_vsc sata_uli sata_sis sata_sx4 sata_nv
sata_via sata_svw sata_sil24 sata_sil sata_promise pata_marvell
pata_sis pata_artop
Pid: 12565, comm: vzwdog Not tainted 2.6.32-openvz-feoktistov.1 #1

feoktistov MS-7522

RIP: 0010:[<ffffff81154ce6>] [<ffffff81154ce6>]
disk_part_iter_next+0x4b/0xca
RSP: 0018:ffff880104f9dcb0 EFLAGS: 00010246
RAX: ffff88023d34ebc0 RBX: ffff880104f9dda0 RCX: 0000000000000000
RDX: 0000000000000008 RSI: ffff88023d34ebc0 RDI: 0000000000000000
RBP: ffff880104f9dcd0 R08: ffffffff R09: 00000000fffffff
R10: ffff880104f9dcb0 R11: 00000000000000e6 R12: 0000000000000000
R13: ffffffff00d0000 R14: ffff880104f9de00 R15: ffff88023d2c6090
FS: 0000000000000000(0000) GS:ffff880028240000(0000) knlGS:0000000000000000
CS: 0010 DS: 0018 ES: 0018 CR0: 000000008005003b
CR2: 0000000000000010 CR3: 000000001001000 CR4: 000000000000006e0
DR0: 0000000000000000 DR1: 0000000000000000 DR2: 0000000000000000
DR3: 0000000000000000 DR6: 00000000ffff0ff0 DR7: 00000000000000400
Process vzwdog (pid: 12565, veid=0, threadinfo ffff880104f9c000, task
ffff88023d2c6090)

Stack:

ffff880104f9dcd0 ffff880104f9dda0 0000000000000000 ffffffff00d00000
<0> ffff880104f9ddf0 ffffffff00d0427 0000000000000074b ffffffff000004f4
<0> 000000000000006e0a 000000000025d4fa 000000000137a05e ffff880100983258

Call Trace:

[<fffffff00d0000>] ? show_one_disk_io+0x0/0x450 [vzwdog]
[<fffffff00d0427>] show_one_disk_io+0x427/0x450 [vzwdog]
[<fffffff00d0000>] ? show_one_disk_io+0x0/0x450 [vzwdog]
[<fffffff00d0000>] ? show_one_disk_io+0x0/0x450 [vzwdog]
[<ffffff811e13ae>] class_for_each_device+0x6e/0x9b
[<fffffff00d0617>] wdog_loop+0x1c7/0x36c [vzwdog]
[<fffffff00d0450>] ? wdog_loop+0x0/0x36c [vzwdog]
[<ffffff8104e99e>] kthread+0xc9/0xd1
[<ffffff8100cb2a>] child_rip+0xa/0x20
[<ffffff8104e8d5>] ? kthread+0x0/0xd1
[<ffffff8100cb20>] ? child_rip+0x0/0x20
Code: 08 00 8b 53 14 48 8b 03 48 c7 43 08 00 00 00 00 f6 c2 01 48 8b
48 38 74 12 89 d0 83 e0 0c 83 f8 01 19 c0 41 83 cd ff f7 d0 eb 50 <8b>
41 10 41 bd 01 00 00 00 eb 45 4c 63 c9 4f 8d 0c c8 4d 8b 21
RIP [<ffffff81154ce6>] disk_part_iter_next+0x4b/0xca
RSP <ffff880104f9dcb0>
CR2: 0000000000000010
---[end trace 074ef6faade3528e]---

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"In July 2005, after several failed attempts to legalise software
patents in Europe, the patent establishment changed its strategy.
Instead of explicitly seeking to sanction the patentability of
software, they are now seeking to create a central European patent

court, which would establish and enforce patentability rules in their favor, without any possibility of correction by competing courts or democratically elected legislators."

Subject: Re: vzmon crash
Posted by [kir](#) on Fri, 06 Apr 2012 21:41:00 GMT
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On 04/06/2012 05:40 PM, Benjamin Henrion wrote:

> Hi,
>
> I am using gentoo kernel with openvz patches, vzmon module crashes, it
> seems to be similar to that Proxmox 2.6.32 bug:
>
> Pid: 12565, comm: vzwdog Not tainted 2.6.32-openvz-feoktistov.1 #1
> feoktistov MS-7522
>

Switching to RHEL6-based kernel (or RHEL5-based kernel) is highly recommended.

I have just checked and it looks like openvz-sources-2.6.32.49.6.ebuild is the one carrying 042stab049.6.
