
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

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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 shmem: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 shmem: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
shmem: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 shmem: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

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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: [<ffffff81154ce6>] 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

RDY: 0000000000000008 RSI: ffff88023d34ebc0 RDI: 0000000000000000

RBP: ffff880104f9dcd0 R08: ffffffff R09: 00000000ffffff

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: 0000000001001000 CR4: 000000000000006e0

DR0: 0000000000000000 DR1: 0000000000000000 DR2: 0000000000000000

DR3: 0000000000000000 DR6: 00000000ffff0fff DR7: 00000000000000400

Process vzwdog (pid: 12565, veid=0, threadinfo ffff880104f9c000, task ffff88023d2c6090)

Stack:

ffff880104f9dcd0 ffff880104f9dda0 0000000000000000 ffffffff00d00000

<0> ffff880104f9ddf0 ffffffff00d0427 0000000000000074b ffffffff000004f4

<0> 000000000000006e0a 0000000000025d4fa 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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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."
