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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 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."

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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.

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