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Subject: \*SOLVED\* Seg fault with quotaugidlimit  
Posted by [MaFL](#) on Fri, 15 Jun 2007 13:23:27 GMT  
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Hi,

I'm getting seg faults during vps start if I activate the internal quota.  
Not 100% sure when it started, but it was not with the development kernels of 2.6.18.

Tested on 2 different hosts.  
Filesystem is Reiser.

Vps starts and the quota inside seems to work also.

vzctl start 10

```
Starting VE ...
Running: /usr/sbin/vzquota show 10
Running: /usr/sbin/vzquota on 10 -r 0 -b 10240100 -B 11264100 -i 100100 -l 110100 -e 604800 -n
604800 -s 1 -u 200
Mounting root: /data1/vz/root/10 /data1/vz/private/10
VE is mounted
Set iptables mask 0x000017bf
Set features mask 0000000000000000/0000000000000000
Adding IP address(es): ...
Running: /usr/lib/vzctl/scripts/vps-net_add
Running VE script: /etc/vz/dists/scripts/debian-add_ip.sh
Setting CPU units: 20000
Configure meminfo: 256000
Set hostname: ...
Running VE script: /etc/vz/dists/scripts/debian-set_hostname.sh
Running VE script: /etc/vz/dists/scripts/set_dns.sh
File resolv.conf was modified
Setting quota ugidlimit: 200
Running VE script: /etc/vz/dists/scripts/set_ugid_quota.sh
Running: /usr/sbin/vzquota stat 10 -f
Running: /usr/sbin/vzquota stat 10 -f -t
Segmentation fault
```

"vzquota stat 10 -f -t" from the commandline works.

Any ideas?

Tnx  
Matt

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Subject: Re: Seg fault with quotauidlimit  
Posted by [rickb](#) on Sat, 16 Jun 2007 00:56:16 GMT  
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Hi, I was using reiser+openvz last year, as I know its a superior filesystem from personal experience. But, I ran into problems like this which were unsupported by openvz since it pushes ext3. Since switching to ext3, I haven't had any quota or filesystem problems.

So, I would say either move to ext3 or start a filesystem revolution and get openvz moving in the direction that will support it.

Rick

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Subject: Re: Seg fault with quotauidlimit  
Posted by [nksupport](#) on Sat, 16 Jun 2007 06:37:33 GMT  
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Do /proc/user\_beancounters look OK for that VE?

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Subject: Re: Seg fault with quotauidlimit  
Posted by [dev](#) on Sat, 16 Jun 2007 17:38:03 GMT  
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Rick, we do not officially support reiserfs for the only reason - stability/maintaiablity. However, vzquota should work fine with reiser and AFAIR we were fixing all the bugs people reported.

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Subject: Re: Seg fault with quotauidlimit  
Posted by [dev](#) on Sat, 16 Jun 2007 17:40:04 GMT  
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can you please do the following and report the result:

start your VE and do the following:

```
# strace -f -o out /usr/sbin/vzquota stat 10 -f -t  
# dmesg >> out
```

and show me the out file plz

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Subject: Re: Seg fault with quotauidlimit  
Posted by [MaFL](#) on Sat, 16 Jun 2007 19:09:20 GMT  
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UBCs are fine.  
It's not vps specific.

```
strace -f -o out /usr/sbin/vzquota stat 10 -f -t
resource      usage      softlimit   hardlimit   grace
1k-blocks     839273    10240100   11264100
inodes        39257     100100     110100
```

User/group quota: -,active  
Ugids: loaded 30, total 30, limit 200  
Ugid limit was exceeded: no

User/group grace times and quotafile flags:  
type block\_exp\_time inode\_exp\_time dqf\_flags  
user 0h  
group 0h

User/group objects:

ID	type	resource	usage	softlimit	hardlimit	grace	status
0	user	1k-blocks	766109	0	0	loaded	
0	user	inodes	36114	0	0	loaded	
0	group	1k-blocks	748558	0	0	loaded	
0	group	inodes	34784	0	0	loaded	
1	user	1k-blocks	5	0	0	loaded	
1	user	inodes	3	0	0	loaded	
1	group	1k-blocks	5	0	0	loaded	
1	group	inodes	3	0	0	loaded	
2	user	1k-blocks	1733	0	0	loaded	
2	user	inodes	45	0	0	loaded	
2	group	1k-blocks	2539	0	0	loaded	
2	group	inodes	56	0	0	loaded	
4	group	1k-blocks	982	0	0	loaded	
4	group	inodes	4	0	0	loaded	
5	group	1k-blocks	21	0	0	loaded	
5	group	inodes	34	0	0	loaded	
6	user	1k-blocks	608	0	0	loaded	
6	user	inodes	28	0	0	loaded	
8	user	1k-blocks	50	0	0	loaded	
8	user	inodes	15	0	0	loaded	
8	group	1k-blocks	62	0	0	loaded	
8	group	inodes	14	0	0	loaded	
9	user	1k-blocks	1	0	0	loaded	
9	user	inodes	1	0	0	loaded	
9	group	1k-blocks	1	0	0	loaded	
9	group	inodes	4	0	0	loaded	
40	group	1k-blocks	123	0	0	loaded	

40	group	inodes	36	0	0	loaded
42	group	1k-blocks	73	0	0	loaded
42	group	inodes	6	0	0	loaded
43	group	1k-blocks	401	0	0	loaded
43	group	inodes	4	0	0	loaded
50	group	1k-blocks	23373	0	0	loaded
50	group	inodes	1902	0	0	loaded
100	group	1k-blocks	20026	0	0	loaded
100	group	inodes	1542	0	0	loaded
101	group	1k-blocks	33	0	0	loaded
101	group	inodes	3	0	0	loaded
103	user	1k-blocks	20026	0	0	loaded
103	user	inodes	1542	0	0	loaded
103	group	1k-blocks	9907	0	0	loaded
103	group	inodes	6	0	0	loaded
104	user	1k-blocks	7591	0	0	loaded
104	user	inodes	596	0	0	loaded
104	group	1k-blocks	3432	0	0	loaded
104	group	inodes	483	0	0	loaded
105	group	1k-blocks	29666	0	0	loaded
105	group	inodes	363	0	0	loaded
106	group	1k-blocks	1	0	0	loaded
106	group	inodes	1	0	0	loaded
500	user	1k-blocks	81	0	0	loaded
500	user	inodes	12	0	0	loaded
500	group	1k-blocks	81	0	0	loaded
500	group	inodes	12	0	0	loaded
1000	user	1k-blocks	9847	0	0	loaded
1000	user	inodes	5	0	0	loaded
1001	user	1k-blocks	3623	0	0	loaded
1001	user	inodes	517	0	0	loaded
1002	user	1k-blocks	29604	0	0	loaded
1002	user	inodes	379	0	0	loaded

dmesg has no failure

Linux version 2.6.18-028stab035.1-ovz-smp (tsd@debian.systs.org) (gcc version 4.1.2 20061115 (prerelease) (Debian 4.1.1-21)) #1 SMP Wed Jun 13 22:08:06 CEST 2007

BIOS-provided physical RAM map:

BIOS-e820: 0000000000000000 - 000000000009f400 (usable)  
 BIOS-e820: 000000000009f400 - 00000000000a0000 (reserved)  
 BIOS-e820: 00000000000e4000 - 0000000000100000 (reserved)  
 BIOS-e820: 0000000000100000 - 000000007fff0000 (usable)  
 BIOS-e820: 000000007fff0000 - 000000007ffff000 (ACPI data)  
 BIOS-e820: 000000007ffff000 - 0000000080000000 (ACPI NVS)  
 BIOS-e820: 00000000fee00000 - 00000000fee01000 (reserved)  
 BIOS-e820: 00000000ffb00000 - 0000000100000000 (reserved)

1151MB HIGHMEM available.

896MB LOWMEM available.

found SMP MP-table at 000ff780  
On node 0 totalpages: 524272  
DMA zone: 4096 pages, LIFO batch:0  
Normal zone: 225280 pages, LIFO batch:31  
HighMem zone: 294896 pages, LIFO batch:31  
DMI 2.3 present.  
ACPI: RSDP (v000 ACPIAM ) @ 0x000f87e0  
ACPI: RSDT (v001 A M I OEMRSDT 0x01000626 MSFT 0x00000097) @ 0x7fff0000  
ACPI: FADT (v002 A M I OEMFACP 0x01000626 MSFT 0x00000097) @ 0x7fff0200  
ACPI: MADT (v001 A M I OEMAPIC 0x01000626 MSFT 0x00000097) @ 0x7fff0390  
ACPI: OEMB (v001 A M I AMI\_OEM 0x01000626 MSFT 0x00000097) @ 0x7fff040  
ACPI: DSDT (v001 STP1A STP1A042 0x00000042 INTL 0x02002026) @ 0x00000000  
ACPI: PM-Timer IO Port: 0x808  
ACPI: Local APIC address 0xfe00000  
ACPI: LAPIC (acpi\_id[0x01] lapic\_id[0x00] enabled)  
Processor #0 15:2 APIC version 20  
ACPI: LAPIC (acpi\_id[0x02] lapic\_id[0x01] enabled)  
Processor #1 15:2 APIC version 20  
ACPI: LAPIC\_NMI (acpi\_id[0x01] dfl dfl lint[0x1])  
ACPI: LAPIC\_NMI (acpi\_id[0x02] dfl dfl lint[0x1])  
ACPI: IOAPIC (id[0x02] address[0xfec00000] gsi\_base[0])  
IOAPIC[0]: apic\_id 2, version 32, address 0xfec00000, GSI 0-23  
ACPI: IOAPIC (id[0x03] address[0xfec10000] gsi\_base[24])  
IOAPIC[1]: apic\_id 3, version 32, address 0xfec10000, GSI 24-47  
ACPI: INT\_SRC\_OVR (bus 0 bus\_irq 0 global\_irq 2 dfl dfl)  
ACPI: INT\_SRC\_OVR (bus 0 bus\_irq 10 global\_irq 10 high level)  
ACPI: IRQ0 used by override.  
ACPI: IRQ2 used by override.  
ACPI: IRQ10 used by override.  
Enabling APIC mode: Flat. Using 2 I/O APICs  
Using ACPI (MADT) for SMP configuration information  
Allocating PCI resources starting at 88000000 (gap: 80000000:7ee00000)  
Detected 2793.182 MHz processor.  
Built 1 zonelists. Total pages: 524272  
Kernel command line: root=/dev/md0 ro  
mapped APIC to fffd000 (fee00000)  
mapped IOAPIC to fffc000 (fec00000)  
mapped IOAPIC to fffb000 (fec10000)  
Enabling fast FPU save and restore... done.  
Enabling unmasked SIMD FPU exception support... done.  
Initializing CPU#0  
CPU 0 irqstacks, hard=c05f3000 soft=c05eb000  
PID hash table entries: 4096 (order: 12, 16384 bytes)  
Console: colour VGA+ 80x25  
Dentry cache hash table entries: 131072 (order: 7, 524288 bytes)  
Inode-cache hash table entries: 65536 (order: 6, 262144 bytes)  
Memory: 2067524k/2097088k available (3604k kernel code, 28164k reserved, 1088k data, 296k  
init, 1179584k highmem)

Checking if this processor honours the WP bit even in supervisor mode... Ok.  
Calibrating delay using timer specific routine.. 5588.38 BogoMIPS (lpj=2794191)  
Mount-cache hash table entries: 512  
CPU: After generic identify, caps: bfebfbff 00000000 00000000 00000000 00004400 00000000  
00000000  
CPU: After vendor identify, caps: bfebfbff 00000000 00000000 00000000 00004400 00000000  
00000000  
CPU: Trace cache: 12K uops, L1 D cache: 8K  
CPU: L2 cache: 512K  
CPU: Physical Processor ID: 0  
CPU: After all inits, caps: bfebfbff 00000000 00000000 00000080 00004400 00000000 00000000  
Intel machine check architecture supported.  
Intel machine check reporting enabled on CPU#0.  
CPU0: Intel P4/Xeon Extended MCE MSR (12) available  
CPU0: Thermal monitoring enabled  
Compat vDSO mapped to fffe000.  
Checking 'hlt' instruction... OK.  
Freeing SMP alternatives: 20k freed  
ACPI: Core revision 20060707  
Page beancounter hash is 131072 entries.  
CPU0: Intel(R) Pentium(R) 4 CPU 2.80GHz stepping 05  
Booting processor 1/1 eip 2000  
CPU 1 irqstacks, hard=c05f4000 soft=c05ec000  
Initializing CPU#1  
Calibrating delay using timer specific routine.. 5585.25 BogoMIPS (lpj=2792628)  
CPU: After generic identify, caps: bfebfbff 00000000 00000000 00000000 00004400 00000000  
00000000  
CPU: After vendor identify, caps: bfebfbff 00000000 00000000 00000000 00004400 00000000  
00000000  
CPU: Trace cache: 12K uops, L1 D cache: 8K  
CPU: L2 cache: 512K  
CPU: Physical Processor ID: 0  
CPU: After all inits, caps: bfebfbff 00000000 00000000 00000080 00004400 00000000 00000000  
Intel machine check architecture supported.  
Intel machine check reporting enabled on CPU#1.  
CPU1: Intel P4/Xeon Extended MCE MSR (12) available  
CPU1: Thermal monitoring enabled  
CPU1: Intel(R) Pentium(R) 4 CPU 2.80GHz stepping 05  
Total of 2 processors activated (11173.63 BogoMIPS).  
ENABLING IO-APIC IRQs  
..TIMER: vector=0x31 apic1=0 pin1=2 apic2=-1 pin2=-1  
checking TSC synchronization across 2 CPUs: passed.  
Brought up 2 CPUs  
migration\_cost=159  
checking if image is initramfs... it is  
Freeing initrd memory: 3265k freed  
NET: Registered protocol family 16  
ACPI: bus type pci registered

PCI: PCI BIOS revision 2.10 entry at 0xf0031, last bus=3  
PCI: Using configuration type 1  
Setting up standard PCI resources  
ACPI: Interpreter enabled  
ACPI: Using IOAPIC for interrupt routing  
ACPI: PCI Root Bridge [PCI0] (0000:00)  
PCI: Probing PCI hardware (bus 00)  
PCI quirk: region 0800-087f claimed by ICH4 ACPI/GPIO/TCO  
PCI quirk: region 0480-04bf claimed by ICH4 GPIO  
PCI: Ignoring BAR0-3 of IDE controller 0000:00:1f.1  
Boot video device is 0000:03:00.0  
PCI: Firmware left 0000:03:01.0 e100 interrupts enabled, disabling  
PCI: Transparent bridge - 0000:00:1e.0  
ACPI: PCI Interrupt Routing Table [\_SB\_.PCI0.\_PRT]  
ACPI: PCI Interrupt Routing Table [\_SB\_.PCI0.P0P5.\_PRT]  
ACPI: PCI Interrupt Routing Table [\_SB\_.PCI0.P0P4.\_PRT]  
ACPI: PCI Interrupt Link [LNKA] (IRQs 3 4 \*5 6 9 11 12 14 15)  
ACPI: PCI Interrupt Link [LNKB] (IRQs 3 4 5 6 9 \*11 12 14 15)  
ACPI: PCI Interrupt Link [LNKC] (IRQs 3 4 5 6 \*9 11 12 14 15)  
ACPI: PCI Interrupt Link [LNKD] (IRQs 3 4 5 6 \*9 11 12 14 15)  
ACPI: PCI Interrupt Link [LNKE] (IRQs 3 4 5 6 9 11 12 14 15) \*0, disabled.  
ACPI: PCI Interrupt Link [LNKF] (IRQs 3 4 5 6 9 \*11 12 14 15)  
ACPI: PCI Interrupt Link [LNKG] (IRQs 3 4 5 6 9 11 12 14 15) \*0, disabled.  
ACPI: PCI Interrupt Link [LNKH] (IRQs \*7)  
SCSI subsystem initialized  
PCI: Using ACPI for IRQ routing  
PCI: If a device doesn't work, try "pci=routeirq". If it helps, post a report  
PCI: Bridge: 0000:00:03.0  
  IO window: a000-afff  
  MEM window: fc300000-fc3fffff  
  PREFETCH window: disabled.  
PCI: Bridge: 0000:00:1c.0  
  IO window: b000-bfff  
  MEM window: fc400000-fc5fffff  
  PREFETCH window: fc100000-fc1fffff  
PCI: Bridge: 0000:00:1e.0  
  IO window: c000-cfff  
  MEM window: fc600000-fe6fffff  
  PREFETCH window: 88000000-880fffff  
PCI: Setting latency timer of device 0000:00:1e.0 to 64  
NET: Registered protocol family 2  
IP route cache hash table entries: 32768 (order: 5, 131072 bytes)  
TCP established hash table entries: 131072 (order: 8, 1048576 bytes)  
TCP bind hash table entries: 65536 (order: 7, 524288 bytes)  
TCP: Hash tables configured (established 131072 bind 65536)  
TCP reno registered  
highmem bounce pool size: 64 pages  
VFS: Disk quotas dquot\_6.5.1

Dquot-cache hash table entries: 1024 (order 0, 4096 bytes)  
Initializing Cryptographic API  
io scheduler noop registered  
io scheduler anticipatory registered  
io scheduler deadline registered  
io scheduler cfq registered (default)  
pci\_hotplug: PCI Hot Plug PCI Core version: 0.5  
Real Time Clock Driver v1.12ac  
Serial: 8250/16550 driver \$Revision: 1.90 \$ 4 ports, IRQ sharing disabled  
serial8250: ttyS0 at I/O 0x3f8 (irq = 4) is a 16550A  
serial8250: ttyS1 at I/O 0x2f8 (irq = 3) is a 16550A  
RAMDISK driver initialized: 16 RAM disks of 16384K size 1024 blocksize  
Compaq SMART2 Driver (v 2.6.0)  
HP CISS Driver (v 3.6.10)  
Uniform Multi-Platform E-IDE driver Revision: 7.00alpha2  
ide: Assuming 33MHz system bus speed for PIO modes; override with idebus=xx  
ICH5: IDE controller at PCI slot 0000:00:1f.1  
ACPI: PCI Interrupt 0000:00:1f.1[A] -> GSI 18 (level, low) -> IRQ 16  
ICH5: chipset revision 2  
ICH5: not 100% native mode: will probe irqs later  
  ide0: BM-DMA at 0xfc00-0xfc07, BIOS settings: hda:prio, hdb:prio  
  ide1: BM-DMA at 0xfc08-0xfc0f, BIOS settings: hdc:prio, hdd:prio  
Probing IDE interface ide0...  
Probing IDE interface ide1...  
Probing IDE interface ide0...  
Probing IDE interface ide1...  
Loading iSCSI transport class v1.1-646.<6>ACPI: PCI Interrupt 0000:02:01.0[A] -> GSI 27 (level, low) -> IRQ 17  
scsi0 : Adaptec AIC79XX PCI-X SCSI HBA DRIVER, Rev 3.0  
  <Adaptec AIC7901 Ultra320 SCSI adapter>  
  aic7901: Ultra320 Wide Channel A, SCSI Id=7, PCI-X 50-66Mhz, 512 SCBs  
  
  Vendor: FUJITSU  Model: MAP3735NC      Rev: 0108  
  Type:  Direct-Access                  ANSI SCSI revision: 03  
target0:0:0: asynchronous  
scsi0:A:0:0: Tagged Queuing enabled.  Depth 32  
target0:0:0: Beginning Domain Validation  
target0:0:0: wide asynchronous  
target0:0:0: FAST-160 WIDE SCSI 320.0 MB/s DT IU QAS RTI PCOMP (6.25 ns, offset 127)  
target0:0:0: Ending Domain Validation  
  Vendor: FUJITSU  Model: MAP3735NC      Rev: 0107  
  Type:  Direct-Access                  ANSI SCSI revision: 03  
target0:0:1: asynchronous  
scsi0:A:1:0: Tagged Queuing enabled.  Depth 32  
target0:0:1: Beginning Domain Validation  
target0:0:1: wide asynchronous  
target0:0:1: FAST-160 WIDE SCSI 320.0 MB/s DT IU QAS RTI PCOMP (6.25 ns, offset 127)  
target0:0:1: Ending Domain Validation

Adaptec aacraid driver (1.1-5[2409]-mh2)  
QLogic Fibre Channel HBA Driver  
Emulex LightPulse Fibre Channel SCSI driver 8.1.9  
Copyright(c) 2004-2006 Emulex. All rights reserved.  
megaraid cmm: 2.20.2.7 (Release Date: Sun Jul 16 00:01:03 EST 2006)  
megaraid: 2.20.4.9 (Release Date: Sun Jul 16 12:27:22 EST 2006)  
megasas: 00.00.03.01 Sun May 14 22:49:52 PDT 2006  
GDT-HA: Storage RAID Controller Driver. Version: 3.05  
GDT-HA: Found 0 PCI Storage RAID Controllers  
3ware Storage Controller device driver for Linux v1.26.02.001.  
3ware 9000 Storage Controller device driver for Linux v2.26.02.007.  
libata version 2.00 loaded.  
ata\_piix 0000:00:1f.2: version 2.00  
ata\_piix 0000:00:1f.2: MAP [ P0 -- P1 -- ]  
ACPI: PCI Interrupt 0000:00:1f.2[A] -> GSI 18 (level, low) -> IRQ 16  
PCI: Setting latency timer of device 0000:00:1f.2 to 64  
ata1: SATA max UDMA/133 cmd 0xE400 ctl 0xE002 bmdma 0xD400 irq 16  
ata2: SATA max UDMA/133 cmd 0xDC00 ctl 0xD802 bmdma 0xD408 irq 16  
scsi1 : ata\_piix  
ATA: abnormal status 0x7F on port 0xE407  
scsi2 : ata\_piix  
ata2.00: ATA-8, max UDMA7, 976773168 sectors: LBA48 NCQ (depth 0/32)  
ata2.00: ata2: dev 0 multi count 16  
ata2.00: configured for UDMA/133  
Vendor: ATA Model: SAMSUNG HD501LJ Rev: CR10  
Type: Direct-Access ANSI SCSI revision: 05  
SCSI device sda: 143571316 512-byte hdwr sectors (73509 MB)  
sda: Write Protect is off  
sda: Mode Sense: b3 00 00 08  
SCSI device sda: drive cache: write back  
SCSI device sda: 143571316 512-byte hdwr sectors (73509 MB)  
sda: Write Protect is off  
sda: Mode Sense: b3 00 00 08  
SCSI device sda: drive cache: write back  
sda: sda1 sda2 sda3  
sd 0:0:0:0: Attached scsi disk sda  
SCSI device sdb: 143571316 512-byte hdwr sectors (73509 MB)  
sdb: Write Protect is off  
sdb: Mode Sense: b3 00 00 08  
SCSI device sdb: drive cache: write back  
SCSI device sdb: 143571316 512-byte hdwr sectors (73509 MB)  
sdb: Write Protect is off  
sdb: Mode Sense: b3 00 00 08  
SCSI device sdb: drive cache: write back  
sdb: sdb1 sdb2 sdb3  
sd 0:0:1:0: Attached scsi disk sdb  
SCSI device sdc: 976773168 512-byte hdwr sectors (500108 MB)  
sdc: Write Protect is off

sdc: Mode Sense: 00 3a 00 00  
SCSI device sdc: drive cache: write back  
SCSI device sdc: 976773168 512-byte hdwr sectors (500108 MB)  
sdc: Write Protect is off  
sdc: Mode Sense: 00 3a 00 00  
SCSI device sdc: drive cache: write back  
sdc: sdc1  
sd 2:0:0:0: Attached scsi disk sdc  
serio: i8042 AUX port at 0x60,0x64 irq 12  
serio: i8042 KBD port at 0x60,0x64 irq 1  
mice: PS/2 mouse device common for all mice  
md: linear personality registered for level -1  
md: raid0 personality registered for level 0  
md: raid1 personality registered for level 1  
md: raid10 personality registered for level 10  
raid6: int32x1 761 MB/s  
raid6: int32x2 824 MB/s  
raid6: int32x4 750 MB/s  
raid6: int32x8 531 MB/s  
raid6: mmxx1 2242 MB/s  
raid6: mmxx2 2863 MB/s  
raid6: sse1x1 1261 MB/s  
raid6: sse1x2 2496 MB/s  
raid6: sse2x1 2140 MB/s  
raid6: sse2x2 3152 MB/s  
raid6: using algorithm sse2x2 (3152 MB/s)  
md: raid6 personality registered for level 6  
md: raid5 personality registered for level 5  
md: raid4 personality registered for level 4  
raid5: automatically using best checksumming function: pIII\_sse  
pIII\_sse : 3624.000 MB/sec  
raid5: using function: pIII\_sse (3624.000 MB/sec)  
md: multipath personality registered for level -4  
md: md driver 0.90.3 MAX\_MD\_DEVS=256, MD\_SB\_DISKS=27  
md: bitmap version 4.39  
device-mapper: ioctl: 4.7.0-ioctl (2006-06-24) initialised: dm-devel@redhat.com  
device-mapper: multipath: version 1.0.4 loaded  
device-mapper: multipath round-robin: version 1.0.0 loaded  
device-mapper: multipath emc: version 0.0.3 loaded  
TCP bic registered  
NET: Registered protocol family 1  
NET: Registered protocol family 10  
IPv6 over IPv4 tunneling driver  
Starting balanced\_irq  
Using IPI Shortcut mode  
Freeing unused kernel memory: 296k freed  
Time: tsc clocksource has been installed.  
ACPI: Processor [CPU1] (supports 8 throttling states)

usbcore: registered new driver usbfs  
usbcore: registered new driver hub  
USB Universal Host Controller Interface driver v3.0  
ACPI: PCI Interrupt 0000:00:1d.0[A] -> GSI 16 (level, low) -> IRQ 18  
PCI: Setting latency timer of device 0000:00:1d.0 to 64  
uhci\_hcd 0000:00:1d.0: UHCI Host Controller  
uhci\_hcd 0000:00:1d.0: new USB bus registered, assigned bus number 1  
uhci\_hcd 0000:00:1d.0: irq 18, io base 0x0000e800  
usb usb1: configuration #1 chosen from 1 choice  
hub 1-0:1.0: USB hub found  
hub 1-0:1.0: 2 ports detected  
Intel(R) PRO/1000 Network Driver - version 7.1.9-k4  
Copyright (c) 1999-2006 Intel Corporation.  
e100: Intel(R) PRO/100 Network Driver, 3.5.10-k2-NAPI  
e100: Copyright(c) 1999-2005 Intel Corporation  
ACPI: PCI Interrupt 0000:00:1d.1[B] -> GSI 19 (level, low) -> IRQ 19  
PCI: Setting latency timer of device 0000:00:1d.1 to 64  
uhci\_hcd 0000:00:1d.1: UHCI Host Controller  
uhci\_hcd 0000:00:1d.1: new USB bus registered, assigned bus number 2  
uhci\_hcd 0000:00:1d.1: irq 19, io base 0x0000ec00  
usb usb2: configuration #1 chosen from 1 choice  
hub 2-0:1.0: USB hub found  
hub 2-0:1.0: 2 ports detected  
ACPI: PCI Interrupt 0000:01:01.0[A] -> GSI 18 (level, low) -> IRQ 16  
PCI: Setting latency timer of device 0000:01:01.0 to 64  
e1000: 0000:01:01.0: e1000\_probe: (PCI:33MHz:32-bit) 00:04:23:c7:48:c8  
e1000: eth0: e1000\_probe: Intel(R) PRO/1000 Network Connection  
ACPI: PCI Interrupt 0000:03:01.0[A] -> GSI 17 (level, low) -> IRQ 20  
ACPI: PCI Interrupt 0000:00:1d.7[D] -> GSI 23 (level, low) -> IRQ 21  
PCI: Setting latency timer of device 0000:00:1d.7 to 64  
ehci\_hcd 0000:00:1d.7: EHCI Host Controller  
ehci\_hcd 0000:00:1d.7: new USB bus registered, assigned bus number 3  
ehci\_hcd 0000:00:1d.7: debug port 1  
PCI: cache line size of 128 is not supported by device 0000:00:1d.7  
ehci\_hcd 0000:00:1d.7: irq 21, io mem 0xfe7ffc00  
ehci\_hcd 0000:00:1d.7: USB 2.0 started, EHCI 1.00, driver 10 Dec 2004  
usb usb3: configuration #1 chosen from 1 choice  
hub 3-0:1.0: USB hub found  
hub 3-0:1.0: 4 ports detected  
e100: eth1: e100\_probe: addr 0xfe6fe000, irq 20, MAC addr 00:04:23:C7:48:C9  
usb 2-2: new full speed USB device using uhci\_hcd and address 2  
md: md0 stopped.  
md: bind<sdb1>  
md: bind<sda1>  
raid1: raid set md0 active with 2 out of 2 mirrors  
md: md1 stopped.  
md: bind<sdb2>  
md: bind<sda2>

raid1: raid set md1 active with 2 out of 2 mirrors  
usb 2-2: new full speed USB device using uhci\_hcd and address 3  
Attempting manual resume  
kjournald starting. Commit interval 5 seconds  
EXT3-fs: mounted filesystem with ordered data mode.  
usb 2-2: configuration #1 chosen from 1 choice  
shpchp: Standard Hot Plug PCI Controller Driver version: 0.4  
usbcore: registered new driver hiddev  
input: Peppercon AG MultiDevice as /class/input/input0  
input: USB HID v1.01 Keyboard [Peppercon AG MultiDevice] on usb-0000:00:1d.1-2  
input: Peppercon AG MultiDevice as /class/input/input1  
input: USB HID v1.01 Mouse [Peppercon AG MultiDevice] on usb-0000:00:1d.1-2  
usbcore: registered new driver usbhid  
drivers/usb/input/hid-core.c: v2.6:USB HID core driver  
ACPI: PCI Interrupt 0000:00:1f.3[B] -> GSI 17 (level, low) -> IRQ 20  
Adding 979956k swap on /dev/sda3. Priority:-1 extents:1 across:979956k  
Adding 979956k swap on /dev/sdb3. Priority:-2 extents:1 across:979956k  
EXT3 FS on md0, internal journal  
loop: loaded (max 8 devices)  
ReiserFS: dm-0: found reiserfs format "3.6" with standard journal  
ReiserFS: dm-0: using writeback data mode  
ReiserFS: dm-0: journal params: device dm-0, size 8192, journal first block 18, max trans len 1024, max batch 900, max commit age 30, max trans age 30  
ReiserFS: dm-0: checking transaction log (dm-0)  
ReiserFS: dm-0: Using r5 hash to sort names  
SGI XFS with ACLs, large block numbers, no debug enabled  
SGI XFS Quota Management subsystem  
XFS mounting filesystem sdc1  
Ending clean XFS mount for filesystem: sdc1  
e1000: eth0: e1000\_watchdog: NIC Link is Up 100 Mbps Full Duplex  
tun: Universal TUN/TAP device driver, 1.6  
tun: (C) 1999-2004 Max Krasnyansky <maxk@qualcomm.com>  
ACPI: Power Button (FF) [PWRF]  
ACPI: Power Button (CM) [PWRB]  
ACPI: Sleep Button (CM) [SLPB]  
Installing knfsd (copyright (C) 1996 okir@monad.swb.de).  
ip\_tables: (C) 2000-2006 Netfilter Core Team  
eth0: no IPv6 routers present  
NET: Registered protocol family 17  
ip\_contrack version 2.4 (8192 buckets, 65536 max) - 208 bytes per contrack  
VE: 52: started  
VE: 53: started  
VE: 104: started  
VE: 10: started  
VE: 10: stopped  
VE: 10: started  
VE: 10: stopped  
VE: 10: started

VE: 53: stopped  
VE: 63: started  
VE: 53: started  
VE: 10: stopped  
VE: 10: started  
VE: 10: stopped  
VE: 10: started

---

Subject: Re: Seg fault with quotauidlimit  
Posted by [dev](#) on Mon, 18 Jun 2007 08:54:31 GMT  
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Can you please apply the following patch:

```
--- ./arch/i386/mm/fault.c.ve5555    2007-06-08 17:29:35.000000000 +0400
+++ ./arch/i386/mm/fault.c    2007-06-18 12:53:50.000000000 +0400
@@ -475,6 +475,10 @@ bad_area_nosemaphore:
     if (is_prefetch(regs, address, error_code))
         return;

+    printk( "%s[%d]: segfault at %08lx rip %08lx rsp %08lx error %lx\n",
+           tsk->comm, tsk->pid, address, regs->eip,
+           regs->esp, error_code);
+
     tsk->thread.cr2 = address;
     /* Kernel addresses are always protection faults */
     tsk->thread.error_code = error_code | (address >= TASK_SIZE);
```

to your kernel, recompile it and report the output after Segmentation fault. My guess is that it is not vzquota tool at all. Anyway, we need an address where it (or something else crashes)

---

Subject: Re: Seg fault with quotauidlimit  
Posted by [MaFL](#) on Wed, 20 Jun 2007 23:04:27 GMT  
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Tnx for your effort!

vzctl[10838]: segfault at 000000a8 rip b7f1525c rsp bfa5f63c error 4

Subject: Re: Seg fault with quotaugidlimit  
Posted by [dev](#) on Thu, 21 Jun 2007 06:29:13 GMT  
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---

ok. so now we know that it was vzctl actually, not vzquota.

We need to find out what ip address b7f1525c corresponds to.

1. is printed address always the same?
2. what vzctl version do you use? compiled yourself or from openvz.org?
3. I need all vzctl binaries

---

Subject: Re: Seg fault with quotaugidlimit  
Posted by [falcon](#) on Sun, 24 Jun 2007 11:18:22 GMT  
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---

Hi,

I've the same problem with Second-Level quota:

```
Starting VE ...  
VE is mounted  
Setting CPU units: 1000  
Set hostname: test  
Setting quota ugidlimit: 500  
Segmentation fault
```

I am using Gentoo. Kernel is from sys-kernel/openvz-sources testing (2.6.18-028stab035). vzctl is 3.0.16, also from gentoo portage, filesystem is ext3. Quotas don't work inside the VE, but since this is the first time I am using second-level quotas, I don't know if this is my fault:

```
test:~# quotacheck -fvagum  
quotacheck: Scanning /dev/simfs [/] done  
quotacheck: Checked 824 directories and 7538 files  
quotacheck: Cannot turn user quotas off on /dev/simfs: Invalid argument  
Kernel won't know about changes quotacheck did.  
quotacheck: Cannot turn group quotas off on /dev/simfs: Invalid argument  
Kernel won't know about changes quotacheck did.  
test:~# exit
```

Perhaps I will apply your patch, migrate the running VEs and tell you the addresses in the dmesg tomorrow, but I don't know wheter I will have enough time.

Which binaries do you exactly need? I attached a list with the files (and directories) the sys-cluster/vzctl ebuild installed.

I can also create a tarball ("binary package") which includes all files of this ebuild.

Thanks,  
falcon

---

### File Attachments

1) [files](#), downloaded 526 times

---

---

**Subject:** Re: Seg fault with quotaugidlimit  
**Posted by** [MaFL](#) on Sun, 24 Jun 2007 18:31:05 GMT  
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---

Quote:We need to find out what ip address b7f1525c corresponds to.

1. is printed address always the same?
2. what vzctl version do you use? compiled yourself or from openvz.org?
3. I need all vzctl binaries

1. yes
2. vzctl version 3.0.16-5dso1 from debian.systs.org
3. attached vzctl and libs

---

### File Attachments

1) [vzctl.tar.gz](#), downloaded 473 times

---

---

**Subject:** Re: Seg fault with quotaugidlimit  
**Posted by** [dev](#) on Tue, 26 Jun 2007 12:53:03 GMT  
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---

argh... vzctl libraries are stipped :/

1. is it possible to get an access to the node to try out debugging with gdb?
2. if not, can you please run vzctl command under gdb as:  
# ./gdb --args vzctl start 10  
then, gdb should catch vzctl when it receives SIGSEGV  
and type in gdb then:  
disassemble \$eip

Thanks in advance!

---

---

**Subject:** Re: Seg fault with quotaugidlimit  
**Posted by** [MaFL](#) on Tue, 26 Jun 2007 18:26:50 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

...  
File resolv.conf was modified  
Setting quota ugidlimit: 200

Running VE script: /etc/vz/dists/scripts/set\_ugid\_quota.sh  
Running: /usr/sbin/vzquota stat 10 -f  
Running: /usr/sbin/vzquota stat 10 -f -t

Program received signal SIGSEGV, Segmentation fault.  
0xb7f0425c in quota\_set@plt () from /usr/lib/libvzctl-0.0.2.so  
(gdb) disassemble \$eip  
Dump of assembler code for function quota\_set@plt:  
0xb7f0425c <quota\_set@plt+0>: jmp \*0xa8(%ebx)  
0xb7f04262 <quota\_set@plt+6>: push \$0x138  
0xb7f04267 <quota\_set@plt+11>: jmp 0xb7f03fdc <\_init+24>  
End of assembler dump.

If you still need access I have to check how can I realize it...

---

---

Subject: Re: Seg fault with quotaugidlimit  
Posted by [dev](#) on Wed, 27 Jun 2007 07:52:11 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

this looks damn strange :/ since SIGSEGV happens at plt@ relocation, which should not happen normally at all...

1. do you use vzctl 3.0.16-5dso1 from debian.systs.org as well?
  2. does the same bug happens if vzctl 3.0.17 from git.openvz.org or .src.tgz from download.openvz.org is compiled and installed?
  3. yes, looks like I need an access :/
- 

---

Subject: Re: Seg fault with quotaugidlimit  
Posted by [MaFL](#) on Wed, 27 Jun 2007 14:29:09 GMT  
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---

1. yes.. I'm running vzutils from debian.systs.org on 2 boxes, both have the problem (falcon has the segfault with gentoo)

2. vzctl 3.0.17 from gid  
Program received signal SIGSEGV, Segmentation fault.  
0xb7f2325c in quota\_set@plt () from /usr/local/lib/libvzctl-0.0.2.so  
(gdb) disassemble \$eip  
Dump of assembler code for function quota\_set@plt:  
0xb7f2325c <quota\_set@plt+0>: jmp \*0xa8(%ebx)  
0xb7f23262 <quota\_set@plt+6>: push \$0x138  
0xb7f23267 <quota\_set@plt+11>: jmp 0xb7f22fdc <\_init+24>  
End of assembler dump.  
(gdb)

@falcon: Is your machine productive?

---

---

Subject: Re: Seg fault with quotauidlimit  
Posted by [dev](#) on Wed, 27 Jun 2007 14:31:57 GMT  
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---

ok. let's dump in gdb the following:

type:

1. bt
  2. info registers
- 

---

Subject: Re: Seg fault with quotauidlimit  
Posted by [falcon](#) on Wed, 27 Jun 2007 15:47:16 GMT  
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---

@MaFL, yes, it is, but I think I can temporarily move all VMs to other HNs.

---

---

Subject: Re: Seg fault with quotauidlimit  
Posted by [MaFL](#) on Wed, 27 Jun 2007 15:53:37 GMT  
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---

i think it's not needed anymore.

I just found an empty to play with.

---

---

Subject: Re: Seg fault with quotauidlimit  
Posted by [dev](#) on Wed, 27 Jun 2007 15:55:47 GMT  
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---

Which I'm thankful for very much! investigating right now.

---

---

Subject: Re: Seg fault with quotauidlimit  
Posted by [dev](#) on Wed, 27 Jun 2007 17:26:19 GMT  
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---

Fixed it. Patch can be found at:

---

[http://bugzilla.openvz.org/show\\_bug.cgi?id=635](http://bugzilla.openvz.org/show_bug.cgi?id=635)

---

---

Subject: Re: Seg fault with quotauidlimit  
Posted by [dev](#) on Wed, 27 Jun 2007 17:27:53 GMT  
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---

Fixed it. Patch can be found at:  
[http://bugzilla.openvz.org/show\\_bug.cgi?id=635](http://bugzilla.openvz.org/show_bug.cgi?id=635)

---

---

Subject: Re: Seg fault with quotauidlimit  
Posted by [MaFL](#) on Wed, 27 Jun 2007 18:24:20 GMT  
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---

Tnx!!

---

---

Subject: Re: \*SOLVED\* Seg fault with quotauidlimit  
Posted by [falcon](#) on Sat, 30 Jun 2007 16:17:01 GMT  
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---

Thank you very much!

Will you release a new vzctl or will I have to patch it myself?

---

---

Subject: Re: \*SOLVED\* Seg fault with quotauidlimit  
Posted by [dev](#) on Mon, 02 Jul 2007 07:11:10 GMT  
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---

Sure we will release the fix in next version, but since Kir is at Linux Syposium it will take some time :/

---