
Subject: kernel error or hardware?

Posted by [parturi](#) on Thu, 13 Apr 2006 19:49:04 GMT

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Hello people.

I have installed yesterday openvz, migrated a physical server to a vps and after a lot of help from the openvz developers, I got it working excellent.

Today when I try to access the machine, it wasn't reachable in any way (remotely). What is seemed to be was some fs problem, since when I tried to boot it, it always asked to run fsck, and it was telling all the time there was problems with the partition /vz, among other things I will describe,

So well, I had to do like 20 server reboots, and in every reboot fsck started. After some time, it started notmally, and everything working properly again.

I then started looking for logs, and found a lot of errors and strange (to me atleast) messages.

Googling some errors, in some cases there was some problem within the kernel, and in other cases there was a hardware problem. That's what I couldn't determine.

I am using 150GB sata disks, with a celeron processor 2.5 ghz, and 512 ram.

I will post my VPS config (the one I modified) and following all those strange log error messages. If anyone has any idea about what could happened, it will be very appreciated.

Thanks in advance

```
[root@localhost log]# uname -a
```

```
Linux localhost.localdomain 2.6.8-022stab076.1 #1 Fri Apr 7 21:28:45 MSD 2006 i686 i686 i386 GNU/Linux
```

```
[root@localhost log]# cat /proc/user_beancounters
```

```
Version: 2.5
```

uid	resource	held	maxheld	barrier	limit	failcnt
103:	kmemsize	3108972	3414057	2147483647	2147483647	0
	lockedpages	0	0	5135	5135	0
	privvmpages	54468	57204	2147483647	2147483647	0
	shmpages	165	165	2147483647	2147483647	0
	dummy	0	0	0	0	0
	numproc	64	72	2147483647	2147483647	0
	physpages	30271	32328	0	2147483647	0
	vmguarpages	0	0	2147483647	2147483647	0
	oomguarpages	30271	32328	2147483647	2147483647	0
	numtcpsock	19	27	2147483647	2147483647	0
	numflock	7	10	2147483647	2147483647	0
	numpty	0	0	2147483647	2147483647	0

numsigninfo	0	1	2147483647	2147483647	0
tcpsndbuf	26736	232404	2147483647	2147483647	0
tcprcvbuf	0	8912	2147483647	2147483647	0
othersockbuf	55700	72492	2147483647	2147483647	0
dgramrcvbuf	0	6684	2147483647	2147483647	0
numothersock	39	47	2147483647	2147483647	0
dcachesize	407824	421456	2147483647	2147483647	0
numfile	767	829	2147483647	2147483647	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
dummy	0	0	0	0	0
numiptent	10	10	2147483647	2147483647	0

VPS config:

DISK_QUOTA=no
ONBOOT="yes"

UBC parameters (in form of barrier:limit)
Primary parameters
AVNUMPROC="2147483647:2147483647"
NUMPROC="2147483647:2147483647"
NUMTCPSOCK="2147483647:2147483647"
NUMOTHERSOCK="2147483647:2147483647"
VMGUARPAGES="2147483647:2147483647"
Secondary parameters
KMEMSIZE="2147483647:2147483647"
TCPSNDBUF="2147483647:2147483647"
TCPRCVBUF="2147483647:2147483647"
OTHERSOCKBUF="2147483647:2147483647"
DGRAMRCVBUF="2147483647:2147483647"
OOMGUARPAGES="2147483647:2147483647"
Auxiliary parameters
LOCKEDPAGES="5135:5135"
SHMPAGES="2147483647:2147483647"
PRIVVMPAGES="2147483647:2147483647"
NUMFILE="2147483647:2147483647"
NUMFLOCK="2147483647:2147483647"
NUMPTY="2147483647:2147483647"
NUMSIGINFO="2147483647:2147483647"
DCACHESIZE="2147483647:2147483647"

PHYSPPAGES="0:2147483647"
NUMIPTENT="2147483647:2147483647"

Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="2147483647:2147483647"

```
DISKINODES="8481672:9329840"
QUOTATIME="0"
# CPU fair sheduler parameter
CPUUNITS="62662"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="fedora-core-3-i386-default"
ORIGIN_SAMPLE="uno"
HOSTNAME="fedora.dnsba.com"
IP_ADDRESS="200.200.1.3 200.200.1.180 10.0.10.3 10.10.10.3"
NAMESERVER="200.200.1.3"
```

THIS are the log entries found in /var/log/message:

Apr 12 03:12:46 localhost kernel: Fatal resource shortage: privvmpages, UB 103.

...

Apr 12 13:59:03 localhost kernel: VPS: 104: stopped

Apr 12 13:59:04 localhost kernel: VPS: 102: stopped

Apr 12 13:59:06 localhost kernel: VZDQ: detached inode not in creation, orig 5, dev sda3, inode 6717549, fs ext3

Apr 12 13:59:06 localhost kernel: current 14850 (mysqld), VE 103, time 70108.700912

Apr 12 13:59:06 localhost kernel: [<e0944000>] vzquota_det_qmbk_recalc+0x220/0x260 [vzdquota]

Apr 12 13:59:06 localhost kernel: [<e0944206>] vzquota_inode_data+0x56/0x90 [vzdquota]

Apr 12 13:59:06 localhost kernel: [<e094414f>] vzquota_inode_init_call+0x1f/0x70 [vzdquota]

Apr 12 13:59:06 localhost kernel: [<c01cb500>] ext3_delete_inode+0x0/0x100

Apr 12 13:59:06 localhost kernel: [<e0945f0f>] vzquota_initialize+0xf/0x20 [vzdquota]

Apr 12 13:59:06 localhost kernel: [<c0179def>] generic_delete_inode+0xef/0x130

Apr 12 13:59:06 localhost kernel: [<c01cb4e3>] ext3_put_inode+0x13/0x30

Apr 12 13:59:06 localhost kernel: [<c017a005>] iput+0x55/0x80

Apr 12 13:59:06 localhost kernel: [<c0176d2a>] dput_recursive+0xea/0x1a0

Apr 12 13:59:06 localhost kernel: [<c0134827>] ub_dentry_uncharge+0x57/0x60

Apr 12 13:59:06 localhost kernel: [<c0176e05>] dput+0x25/0x30

Apr 12 13:59:06 localhost kernel: [<c01606fb>] __fput+0xeb/0x150

Apr 12 13:59:06 localhost kernel: [<c015ebd9>] filp_close+0x59/0x90

Apr 12 13:59:06 localhost kernel: [<c015ec60>] sys_close+0x50/0x60

Apr 12 13:59:06 localhost kernel: [<c03f9103>] syscall_call+0x7/0xb

Apr 12 13:59:06 localhost kernel: VZDQ: detached inode not in creation, orig 5, dev sda3, inode 6717546, fs ext3

Apr 12 13:59:06 localhost kernel: current 14850 (mysqld), VE 103, time 70108.716330

Apr 12 13:59:06 localhost kernel: [<e0944000>] vzquota_det_qmbk_recalc+0x220/0x260 [vzdquota]

Apr 12 13:59:06 localhost kernel: [<e0944206>] vzquota_inode_data+0x56/0x90 [vzdquota]

Apr 12 13:59:06 localhost kernel: [<e094414f>] vzquota_inode_init_call+0x1f/0x70 [vzdquota]

Apr 12 13:59:06 localhost kernel: [<c01cb500>] ext3_delete_inode+0x0/0x100

Apr 12 13:59:06 localhost kernel: [<e0945f0f>] vzquota_initialize+0xf/0x20 [vzdquota]

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Apr 12 13:59:06 localhost kernel: [<c0176d2a>] dput_recursive+0xea/0x1a0
Apr 12 13:59:06 localhost kernel: [<c0134827>] ub_dentry_uncharge+0x57/0x60
Apr 12 13:59:06 localhost kernel: [<c0176e05>] dput+0x25/0x30
Apr 12 13:59:06 localhost kernel: [<c01606fb>] __fput+0xeb/0x150
Apr 12 13:59:06 localhost kernel: [<c015ebd9>] filp_close+0x59/0x90
Apr 12 13:59:06 localhost kernel: [<c015ec60>] sys_close+0x50/0x60
Apr 12 13:59:06 localhost kernel: [<c03f9103>] syscall_call+0x7/0xb
Apr 12 13:59:07 localhost kernel: VPS: 101: stopped
Apr 12 13:59:12 localhost kernel: VZDQ: detached inode not in creation, orig 5, dev sda3, inode
6099023, fs ext3
Apr 12 13:59:12 localhost kernel: current 30790 (icecast), VE 103, time 70114.583434
Apr 12 13:59:12 localhost kernel: [<e0944000>] vzquota_det_qmblock_recalc+0x220/0x260
[vzdquota]
Apr 12 13:59:12 localhost kernel: [<e0944206>] vzquota_inode_data+0x56/0x90 [vzdquota]
Apr 12 13:59:12 localhost kernel: [<e094414f>] vzquota_inode_init_call+0x1f/0x70 [vzdquota]
Apr 12 13:59:12 localhost kernel: [<c01cb500>] ext3_delete_inode+0x0/0x100
Apr 12 13:59:12 localhost kernel: [<e0945f0f>] vzquota_initialize+0xf/0x20 [vzdquota]
Apr 12 13:59:12 localhost kernel: [<c0179def>] generic_delete_inode+0xef/0x130
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Apr 12 13:59:12 localhost kernel: [<c0176d2a>] dput_recursive+0xea/0x1a0
Apr 12 13:59:12 localhost kernel: [<c0134827>] ub_dentry_uncharge+0x57/0x60
Apr 12 13:59:12 localhost kernel: [<c0176e05>] dput+0x25/0x30
Apr 12 13:59:12 localhost kernel: [<c01606fb>] __fput+0xeb/0x150
Apr 12 13:59:12 localhost kernel: [<c015ebd9>] filp_close+0x59/0x90
Apr 12 13:59:12 localhost kernel: [<c015ec60>] sys_close+0x50/0x60
Apr 12 13:59:12 localhost kernel: [<c03f9103>] syscall_call+0x7/0xb
Apr 12 13:59:15 localhost kernel: VPS: 103: stopped
Apr 12 13:59:16 localhost kernel: NET: Unregistered protocol family 17
Apr 12 13:59:16 localhost hald[5084]: Timed out waiting for hotplug event 287. Rebasing to 307
Apr 12 13:59:17 localhost kernel: NET: Registered protocol family 17
Apr 12 13:59:17 localhost net.agent[15296]: remove event not handled
Apr 12 13:59:17 localhost kernel: VPS: 101: started
Apr 12 13:59:18 localhost kernel: VPS: 102: started
Apr 12 13:59:20 localhost kernel: VPS: 103: started
Apr 12 13:59:22 localhost kernel: VPS: 104: started
Apr 12 13:59:22 localhost wait_for_sysfs[15337]: either wait_for_sysfs (udev 039) needs an
update to handle the device '/class/net/venet0' properly (no device symlink) or the sysfs-support of
your device's driver needs to be fixed, please report to
<linux-hotplug-devel@lists.sourceforge.net>

...

Apr 12 13:59:29 localhost net.agent[18925]: remove event not handled
Apr 12 14:00:02 localhost crond(pam_unix)[20879]: session opened for user root by (uid=0)

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Apr 12 14:00:02 localhost crond(pam_unix)[20878]: session opened for user root by (uid=0)
 Apr 12 14:00:02 localhost crond(pam_unix)[20879]: session closed for user root
 Apr 12 14:00:02 localhost crond(pam_unix)[20878]: session closed for user root
 Apr 12 14:01:01 localhost crond(pam_unix)[20951]: session opened for user root by (uid=0)
 Apr 12 14:01:01 localhost crond(pam_unix)[20951]: session closed for user root
 Apr 12 14:04:46 localhost kernel: VPS: 104: stopped
 Apr 12 14:04:48 localhost kernel: VPS: 102: stopped
 Apr 12 14:04:49 localhost kernel: VPS: 101: stopped
 Apr 12 14:04:57 localhost kernel: VPS: 103: stopped
 Apr 12 14:04:58 localhost kernel: NET: Unregistered protocol family 17
 Apr 12 14:04:58 localhost net.agent[23169]: remove event not handled
 Apr 12 14:04:58 localhost kernel: NET: Registered protocol family 17
 Apr 12 14:04:58 localhost kernel: VPS: 101: started
 Apr 12 14:04:59 localhost hald[5084]: Timed out waiting for hotplug event 309. Rebasing to 325
 Apr 12 14:04:59 localhost kernel: VPS: 102: started
 Apr 12 14:05:02 localhost crond(pam_unix)[25101]: session opened for user root by (uid=0)
 Apr 12 14:05:02 localhost crond(pam_unix)[25100]: session opened for user root by (uid=0)
 Apr 12 14:05:02 localhost vz: Starting VPS ... VPS is mounted setublimit 13
 2147483647:4294964735 failed: Invalid argument VPS start failed VPS is unmounted failed
 Apr 12 14:05:02 localhost crond(pam_unix)[25100]: session closed for user root
 Apr 12 14:05:02 localhost crond(pam_unix)[25101]: session closed for user root
 Apr 12 14:05:02 localhost kernel: VPS: 104: started
 Apr 12 14:05:03 localhost wait_for_sysfs[23217]: either wait_for_sysfs (udev 039) needs an update to handle the device '/class/net/venet0' properly (no device symlink) or the sysfs-support of your device's driver needs to be fixed, please report to
 <linux-hotplug-devel@lists.sourceforge.net>
 Apr 12 14:05:08 localhost net.agent[26754]: remove event not handled
 Apr 12 14:05:19 localhost kernel: VPS: 104: stopped
 Apr 12 14:05:20 localhost kernel: VPS: 102: stopped
 Apr 12 14:05:21 localhost kernel: VPS: 101: stopped
 Apr 12 14:05:22 localhost kernel: NET: Unregistered protocol family 17
 Apr 12 14:05:22 localhost net.agent[27500]: remove event not handled
 Apr 12 14:05:22 localhost kernel: NET: Registered protocol family 17
 Apr 12 14:05:22 localhost kernel: VPS: 101: started
 Apr 12 14:05:22 localhost hald[5084]: Timed out waiting for hotplug event 327. Rebasing to 339
 Apr 12 14:05:23 localhost kernel: VPS: 102: started
 Apr 12 14:05:25 localhost vz: Starting VPS ... VPS is mounted setublimit 13
 2147483647:4294964735 failed: Invalid argument VPS start failed VPS is unmounted failed

 Apr 13 01:32:52 localhost kernel: ata1: error occurred, port reset
 Apr 13 01:32:52 localhost kernel: ata1: status=0x01 { Error }
 Apr 13 01:32:52 localhost kernel: ata1: called with no error (01)!

 Apr 13 04:13:14 localhost kernel: ata1: error occurred, port reset
 Apr 13 04:13:14 localhost kernel: ata1: status=0x01 { Error }
 Apr 13 04:13:14 localhost kernel: ata1: called with no error (01)!

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Apr 13 04:35:16 localhost kernel: sda3: rw=0, want=1369031112, limit=299997810
Apr 13 04:35:16 localhost kernel: attempt to access beyond end of device
Apr 13 04:35:17 localhost kernel: sda3: rw=0, want=1369031112, limit=299997810
