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Subject: Server halting

Posted by [Electron](#) on Sun, 19 Feb 2012 08:20:04 GMT

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vzctl-lib-3.0.30.2-1.x86\_64  
vzkernel-2.6.32-042stab044.17.x86\_64  
vzkernel-2.6.32-042stab049.6.x86\_64  
vzquota-3.0.12-1.x86\_64  
vzkernel-2.6.32-042stab044.11.x86\_64  
vzctl-3.0.30.2-1.x86\_64

Kernel - 2.6.32-042stab049.6

After random time of work server not work ( ping to server is good, but all containers and ssh on HN is not work ). After hard reboot I see at dmesg :

```
[ 7.855423] BUG: Quota files for 6801 are broken: no quota engine running
[ 7.855525] EXT4-fs (sda3): ext4_orphan_cleanup: deleting unreferenced inode 9830613
[ 7.855530] BUG: Quota files for 6801 are broken: no quota engine running
[ 7.855634] EXT4-fs (sda3): ext4_orphan_cleanup: deleting unreferenced inode 9830612
[ 7.855638] BUG: Quota files for 6801 are broken: no quota engine running
[ 7.855740] EXT4-fs (sda3): ext4_orphan_cleanup: deleting unreferenced inode 9830611
[ 7.855745] BUG: Quota files for 6801 are broken: no quota engine running
[ 7.855846] EXT4-fs (sda3): ext4_orphan_cleanup: deleting unreferenced inode 9830610
[ 7.855855] BUG: Quota files for 6801 are broken: no quota engine running
[ 7.855957] EXT4-fs (sda3): ext4_orphan_cleanup: deleting unreferenced inode 9830609
```

and many of :

```
[ 2363.775506] Fatal resource shortage: privvmpages, UB 6862.
[ 2363.775560] Fatal resource shortage: privvmpages, UB 6862.
```

before halting.

Overcommit at server normal :

CTID	LowMem	LowMem	RAM	MemSwap	MemSwap	Alloc	Alloc	Alloc
	util	commit	util	commit	util	commit	limit	
Summary:	5.73	124.96	50.44	12.36	113.20	34.46	113.20	363.74

How can I fixed halt of server ?

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Subject: Re: Server halting

Posted by [yasuyuki](#) on Wed, 22 Feb 2012 02:47:58 GMT

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I've seen your phenomenon.  
and I also want the solution.

I can reproduce this problem when many 32 bit template containers are started/stopped at same time.

How about your environment?

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Subject: Re: Server halting

Posted by [Electron](#) on Thu, 23 Feb 2012 07:18:02 GMT

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At dmesg log after hard reboot I not see any messages about mass restarting containers at few seconds before halting.

"Fatal resource shortage" solved by add resources to container ( many failcnt on privvmpages )

"BUG: Quota files for XXXX are broken: no quota engine running" solved by restart quota ( vzctl stop XXXX, vzuota off XXXX, vzquota on XXXX, vzctl start XXXX )

Quota fixed by me after last halt.

At other HN with same environment ( kernel, OS version, version of vz packets, version of templates ) I not see any troubles.

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Subject: Re: Server halting

Posted by [Electron](#) on Fri, 24 Feb 2012 09:33:01 GMT

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I catch an error at KVM ( I can't insert [img] link and do attach )

If you know, how I can fix this, please help.

File Attachments

1) [ovz\\_fails.png](#), downloaded 399 times

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Subject: Re: Server halting

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Posted by [jmginer](#) on Fri, 24 Feb 2012 11:39:00 GMT

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Do you have containers that in the past was running with REHL 5 kernel and now are running in this REHL 6 ?

Maybe this bug -> [bugzilla.openvz.org/show\\_bug.cgi?id=2188](http://bugzilla.openvz.org/show_bug.cgi?id=2188)

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Subject: Re: Server halting

Posted by [Electron](#) on Fri, 24 Feb 2012 12:29:40 GMT

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Yes, we have containers at this HN , that migrated from RHEL5 node.

I understand, that this bug is not solved, but maybe anybody got temporary fix for this ?

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Subject: Re: Server halting

Posted by [BeNe](#) on Sun, 22 Apr 2012 14:56:44 GMT

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We have the same problem here with Proxmox 2.0 and OpenVZ Containers.

```
Apr 22 05:00:20 miraculix kernel: EXT4-fs (dm-6): ext4_orphan_cleanup: deleting unreferenced inode 12059227
```

```
Apr 22 05:00:20 miraculix kernel: VZDQ: Tried to clean orphans on qmblk with 1 state
```

```
Apr 22 05:00:20 miraculix kernel: BUG: Quota files for 102 are broken: no quota engine running
```

```
Apr 22 05:00:20 miraculix kernel: EXT4-fs (dm-6): ext4_orphan_cleanup: deleting unreferenced inode 12058719
```

```
Apr 22 05:00:20 miraculix kernel: VZDQ: Tried to clean orphans on qmblk with 1 state
```

```
Apr 22 05:00:20 miraculix kernel: BUG: Quota files for 102 are broken: no quota engine running
```

```
Apr 22 05:00:20 miraculix kernel: EXT4-fs (dm-6): ext4_orphan_cleanup: deleting unreferenced inode 12058713
```

```
Apr 22 05:00:20 miraculix kernel: VZDQ: Tried to clean orphans on qmblk with 1 state
```

```
Apr 22 05:00:20 miraculix kernel: BUG: Quota files for 102 are broken: no quota engine running
```

```
Apr 22 05:00:20 miraculix kernel: EXT4-fs (dm-6): ext4_orphan_cleanup: deleting unreferenced inode 12192008
```

```
Apr 22 05:00:20 miraculix kernel: EXT4-fs (dm-6): 16 orphan inodes deleted
```

```
Apr 22 05:00:20 miraculix kernel: EXT4-fs (dm-6): recovery complete
```

```
Apr 22 05:00:20 miraculix kernel: EXT4-fs (dm-6): mounted filesystem with ordered data mode.
Opts:
```

This happens during every backup of the openvz container with the snapshot mode.

Last week the whole node crashed.

There are no RHEL containers inside, never migrated from a RHEL node are something else.

Is this Bug related to the ext4 filesystem ?

If so, we would reinstall the whole node and use ext3 instead of ext4.

Thanks for any help!

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