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 util	LowMem commit	RAM util	MemSwap util	MemSwap commit	util	Alloc commit	Alloc	Alloc 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 ?

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?

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.

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 489 times

Subject: Re: Server halting

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

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

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

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 ?

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

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!