
Subject: Server Crash, seemingly related to VZQUOTA

Posted by [bjdea1](#) on Mon, 10 Oct 2011 01:08:38 GMT

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Hi,

we have a server that seems to be sensitive to vzquotas. I'm not sure if there is a drive issue, or controller issue (Perc 6/i) or whether its the vzquota software but it seems the instability we've been experiencing on our servers could be related to vzquota. When we turn quotas off the server seems more stable. Here are some examples of what we're seeing in our logs:

```
Oct 10 04:07:25 aunode1 kernel: [ 142.920608] CT: 7018: started
Oct 10 04:07:35 aunode1 kernel: [ 153.316174] VZDQ: detached inode not in creation, orig {2, 5},
dev dm-1, inode 9579670, fs ext4
Oct 10 04:07:35 aunode1 kernel: [ 153.316178] i_count 1,
Oct 10 04:07:35 aunode1 kernel: [ 153.316180] i_mode 100644,
Oct 10 04:07:35 aunode1 kernel: [ 153.316181] i_state 100,
Oct 10 04:07:35 aunode1 kernel: [ 153.316182] i_flags 0
Oct 10 04:07:35 aunode1 kernel: [ 153.316185] i_op ffffffff025c280, vfs_empty_iops
ffff8823c4780, i_fop ffffffff025c1a0, i_mapping ffff8803b37edb40
Oct 10 04:07:35 aunode1 kernel: [ 153.316188] current 3016 (flush-253:1), VE 0, time 10.437260
Oct 10 04:07:35 aunode1 kernel: [ 153.316192] Pid: 3016, comm: flush-253:1 Not tainted
2.6.32-042stab039.2 #1
Oct 10 04:07:35 aunode1 kernel: [ 153.316194] Call Trace:
Oct 10 04:07:35 aunode1 kernel: [ 153.316206] [<ffffffffff04fe999>] ?
vzquota_inode_qmbblk_recalc+0x499/0x4d0 [vzdquota]
Oct 10 04:07:35 aunode1 kernel: [ 153.316220] [<ffffffffff04fece2>] ?
vzquota_inode_data+0x82/0x100 [vzdquota]
Oct 10 04:07:35 aunode1 kernel: [ 153.316225] [<ffffffffff0501933>] ?
vzquota_claim_reserved_space+0x33/0x180 [vzdquota]
Oct 10 04:07:35 aunode1 kernel: [ 153.316240] [<ffffffffff0228002>] ?
ext4_da_update_reserve_space+0x1d2/0x230 [ext4]
Oct 10 04:07:35 aunode1 kernel: [ 153.316252] [<ffffffffff024c3f8>] ?
ext4_ext_get_blocks+0x1248/0x19c0 [ext4]
Oct 10 04:07:35 aunode1 kernel: [ 153.316259] [<ffffffffff8104f7c3>] ? __wake_up+0x53/0x70
Oct 10 04:07:35 aunode1 kernel: [ 153.316268] [<ffffffffff0229d75>] ?
ext4_get_blocks+0xf5/0x2a0 [ext4]
Oct 10 04:07:35 aunode1 kernel: [ 153.316272] [<ffffffffff81133c75>] ?
pagevec_lookup_tag+0x25/0x40
Oct 10 04:07:35 aunode1 kernel: [ 153.316281] [<ffffffffff022ae8c>] ?
mpage_da_map_blocks+0xac/0x450 [ext4]
Oct 10 04:07:35 aunode1 kernel: [ 153.316289] [<ffffffffff01f6a0e>] ?
jbd2_journal_stop+0x1fe/0x2e0 [jbd2]
Oct 10 04:07:35 aunode1 kernel: [ 153.316295] [<ffffffffff01f7415>] ?
jbd2_journal_start+0xb5/0x100 [jbd2]
Oct 10 04:07:35 aunode1 kernel: [ 153.316303] [<ffffffffff022bac7>] ?
ext4_da_writepages+0x2f7/0x660 [ext4]
Oct 10 04:07:35 aunode1 kernel: [ 153.316308] [<ffffffffff81132ce1>] ? do_writepages+0x21/0x40
Oct 10 04:07:35 aunode1 kernel: [ 153.316313] [<ffffffffff811af09d>] ?
```

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__writeback_single_inode+0xdd/0x2c0
Oct 10 04:07:35 aunode1 kernel: [ 153.316316] [<ffffff811af303>] ?
writeback_single_inode+0x83/0xc0
Oct 10 04:07:35 aunode1 kernel: [ 153.316320] [<ffffff8119ea10>] ? iput+0x30/0x70
Oct 10 04:07:35 aunode1 kernel: [ 153.316323] [<ffffff811af576>] ?
writeback_sb_inodes+0xe6/0x1a0
Oct 10 04:07:35 aunode1 kernel: [ 153.316326] [<ffffff811af6db>] ?
writeback_inodes_wb+0xab/0x1b0
Oct 10 04:07:35 aunode1 kernel: [ 153.316329] [<ffffff811afa8b>] ? wb_writeback+0x2ab/0x400
Oct 10 04:07:35 aunode1 kernel: [ 153.316334] [<ffffff814c407a>] ? thread_return+0x4e/0x854
Oct 10 04:07:35 aunode1 kernel: [ 153.316337] [<ffffff811afd89>] ?
wb_do_writeback+0x1a9/0x250
Oct 10 04:07:35 aunode1 kernel: [ 153.316342] [<ffffff8107c860>] ? process_timeout+0x0/0x10
Oct 10 04:07:35 aunode1 kernel: [ 153.316346] [<ffffff811afe93>] ?
bdi_writeback_task+0x63/0x1b0
Oct 10 04:07:35 aunode1 kernel: [ 153.316350] [<ffffff81092557>] ? bit_waitqueue+0x17/0xc0
Oct 10 04:07:35 aunode1 kernel: [ 153.316355] [<ffffff81144950>] ? bdi_start_fn+0x0/0x100
Oct 10 04:07:35 aunode1 kernel: [ 153.316358] [<ffffff811449d6>] ? bdi_start_fn+0x86/0x100
Oct 10 04:07:35 aunode1 kernel: [ 153.316361] [<ffffff81144950>] ? bdi_start_fn+0x0/0x100
Oct 10 04:07:35 aunode1 kernel: [ 153.316364] [<ffffff810920a6>] ? kthread+0x96/0xa0
Oct 10 04:07:35 aunode1 kernel: [ 153.316368] [<ffffff8100c2ca>] ? child_rip+0xa/0x20
Oct 10 04:07:35 aunode1 kernel: [ 153.316371] [<ffffff81092010>] ? kthread+0x0/0xa0
Oct 10 04:07:35 aunode1 kernel: [ 153.316374] [<ffffff8100c2c0>] ? child_rip+0x0/0x20
Oct 10 04:07:44 aunode1 kernel: [ 162.188540] VZDQ: detached inode not in creation, orig {2, 5},
dev dm-1, inode 9579700, fs ext4
Oct 10 04:07:44 aunode1 kernel: [ 162.188544] i_count 1,
Oct 10 04:07:44 aunode1 kernel: [ 162.188546] i_mode 100644,
Oct 10 04:07:44 aunode1 kernel: [ 162.188547] i_state 100,
Oct 10 04:07:44 aunode1 kernel: [ 162.188548] i_flags 0
Oct 10 04:07:44 aunode1 kernel: [ 162.188551] i_op ffffffffa025c280, vfs_empty_iops
ffffff823c4780, i_fop ffffffffa025c1a0, i_mapping ffff8803ad471d00
Oct 10 04:07:44 aunode1 kernel: [ 162.188555] current 3016 (flush-253:1), VE 0, time 19.309626
Oct 10 04:07:44 aunode1 kernel: [ 162.188558] Pid: 3016, comm: flush-253:1 Not tainted
2.6.32-042stab039.2 #1
Oct 10 04:07:44 aunode1 kernel: [ 162.188560] Call Trace:
Oct 10 04:07:44 aunode1 kernel: [ 162.188571] [<fffffffa04fe999>] ?
vzquota_inode_qmbulk_recalc+0x499/0x4d0 [vzdquota]
Oct 10 04:07:44 aunode1 kernel: [ 162.188585] [<fffffffa04fece2>] ?
vzquota_inode_data+0x82/0x100 [vzdquota]
Oct 10 04:07:44 aunode1 kernel: [ 162.188589] [<fffffffa0501933>] ?
vzquota_claim_reserved_space+0x33/0x180 [vzdquota]
Oct 10 04:07:44 aunode1 kernel: [ 162.188603] [<fffffffa0228002>] ?
ext4_da_update_reserve_space+0x1d2/0x230 [ext4]
Oct 10 04:07:44 aunode1 kernel: [ 162.188615] [<fffffffa024c3f8>] ?
ext4_ext_get_blocks+0x1248/0x19c0 [ext4]
Oct 10 04:07:44 aunode1 kernel: [ 162.188622] [<ffffff81239945>] ? submit_bio+0xf5/0x1a0
Oct 10 04:07:44 aunode1 kernel: [ 162.188627] [<ffffff811bbb5b>] ? bio_alloc_bioset+0x5b/0xf0
Oct 10 04:07:44 aunode1 kernel: [ 162.188636] [<fffffffa0229d75>] ?

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ext4_get_blocks+0xf5/0x2a0 [ext4]
Oct 10 04:07:44 aunode1 kernel: [ 162.188640] [<ffffff81133c75>] ?
pagevec_lookup_tag+0x25/0x40
Oct 10 04:07:44 aunode1 kernel: [ 162.188648] [<fffffffa022ae8c>] ?
mpage_da_map_blocks+0xac/0x450 [ext4]
Oct 10 04:07:44 aunode1 kernel: [ 162.188657] [<fffffffa01f6a0e>] ?
jbd2_journal_stop+0x1fe/0x2e0 [jbd2]
Oct 10 04:07:44 aunode1 kernel: [ 162.188663] [<fffffffa01f7415>] ?
jbd2_journal_start+0xb5/0x100 [jbd2]
Oct 10 04:07:44 aunode1 kernel: [ 162.188671] [<fffffffa022bac7>] ?
ext4_da_writepages+0x2f7/0x660 [ext4]
Oct 10 04:07:44 aunode1 kernel: [ 162.188677] [<ffffff81132ce1>] ? do_writepages+0x21/0x40
Oct 10 04:07:44 aunode1 kernel: [ 162.188681] [<ffffff811af09d>] ?
__writeback_single_inode+0xdd/0x2c0
Oct 10 04:07:44 aunode1 kernel: [ 162.188684] [<ffffff811af303>] ?
writeback_single_inode+0x83/0xc0
Oct 10 04:07:44 aunode1 kernel: [ 162.188688] [<ffffff8119ea10>] ? iput+0x30/0x70
Oct 10 04:07:44 aunode1 kernel: [ 162.188691] [<ffffff811af576>] ?
writeback_sb_inodes+0xe6/0x1a0
Oct 10 04:07:44 aunode1 kernel: [ 162.188695] [<ffffff811af6db>] ?
writeback_inodes_wb+0xab/0x1b0
Oct 10 04:07:44 aunode1 kernel: [ 162.188698] [<ffffff811afa8b>] ? wb_writeback+0x2ab/0x400
Oct 10 04:07:44 aunode1 kernel: [ 162.188703] [<ffffff814c407a>] ? thread_return+0x4e/0x854
Oct 10 04:07:44 aunode1 kernel: [ 162.188706] [<ffffff811afd89>] ?
wb_do_writeback+0x1a9/0x250
Oct 10 04:07:44 aunode1 kernel: [ 162.188711] [<ffffff8107c860>] ? process_timeout+0x0/0x10
Oct 10 04:07:44 aunode1 kernel: [ 162.188714] [<ffffff811afe93>] ?
bdi_writeback_task+0x63/0x1b0
Oct 10 04:07:44 aunode1 kernel: [ 162.188719] [<ffffff81092557>] ? bit_waitqueue+0x17/0xc0
Oct 10 04:07:44 aunode1 kernel: [ 162.188723] [<ffffff81144950>] ? bdi_start_fn+0x0/0x100
Oct 10 04:07:44 aunode1 kernel: [ 162.188726] [<ffffff811449d6>] ? bdi_start_fn+0x86/0x100
Oct 10 04:07:44 aunode1 kernel: [ 162.188729] [<ffffff81144950>] ? bdi_start_fn+0x0/0x100
Oct 10 04:07:44 aunode1 kernel: [ 162.188732] [<ffffff810920a6>] ? kthread+0x96/0xa0
Oct 10 04:07:44 aunode1 kernel: [ 162.188736] [<ffffff8100c2ca>] ? child_rip+0xa/0x20
Oct 10 04:07:44 aunode1 kernel: [ 162.188739] [<ffffff81092010>] ? kthread+0x0/0xa0
Oct 10 04:07:44 aunode1 kernel: [ 162.188742] [<ffffff8100c2c0>] ? child_rip+0x0/0x20

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The log goes on and on, many similar such entries repeated.

Anyone seen this before, know of a fix? Thanks

Subject: Re: Server Crash, seemingly related to VZQUOTA

Posted by [bjdea1](#) on Mon, 10 Oct 2011 01:14:13 GMT

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Here's something else I just saw in top output which seems quite strange to me, how can that VE

mysqld process be running at 2400% of CPU?????:

[root@aunode1 ~]# top

top - 12:10:47 up 1:24, 2 users, load average: 2.68, 2.37, 2.01
Tasks: 1134 total, 1 running, 1131 sleeping, 0 stopped, 2 zombie
Cpu(s): 19.1%us, 16.7%sy, 0.0%ni, 63.3%id, 0.6%wa, 0.0%hi, 0.3%si, 0.0%st
Mem: 16425816k total, 12043776k used, 4382040k free, 1489700k buffers
Swap: 16381944k total, 0k used, 16381944k free, 6111204k cached

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
67622	100	20	0	219m	37m	4232	S	2400.0	0.2	0:06.66	mysqld
92624	root	20	0	237m	20m	9412	S	79.6	0.1	65:41.97	mono
93084	root	20	0	2481m	536m	10m	S	20.4	3.3	3:37.48	java
2390	root	20	0	61968	4428	1228	S	3.6	0.0	1:41.58	vmslaved
714929	nobody	20	0	154m	47m	1624	S	1.3	0.3	0:00.05	httpd
716226	root	20	0	15812	2064	932	R	1.3	0.0	0:00.10	top
714533	nobody	20	0	154m	47m	1620	S	1.0	0.3	0:00.03	httpd
715315	nobody	20	0	154m	47m	1620	S	1.0	0.3	0:00.03	httpd
46793	gopher	20	0	190m	134m	3708	S	0.7	0.8	0:10.14	squid3
714928	nobody	20	0	154m	47m	1620	S	0.7	0.3	0:00.03	httpd
715316	nobody	20	0	154m	47m	1620	S	0.7	0.3	0:00.03	httpd
16237	100	20	0	427m	144m	4724	S	0.3	0.9	0:22.70	mysqld
30020	root	20	0	154m	47m	2060	S	0.3	0.3	0:02.17	httpd
36676	root	20	0	85796	7180	2908	S	0.3	0.0	0:04.46	python
37705	root	20	0	58120	1984	520	S	0.3	0.0	0:00.04	sendmail-mta
50676	root	20	0	11572	556	420	S	0.3	0.0	0:09.37	filelockd
715312	nobody	20	0	154m	47m	1620	S	0.3	0.3	0:00.02	httpd
715606	47	20	0	67412	4476	2812	S	0.3	0.0	0:00.01	exim

```

717359 47      20  0   0   0   0  Z 0.3 0.0 0:00.01 exim <defunct>

 1 root      20  0 19332 1504 1212 S 0.0 0.0 0:00.99 init
 2 root      20  0   0   0   0  S 0.0 0.0 0:00.00 kthreadd
 3 root      RT  0   0   0   0  S 0.0 0.0 0:00.04 migration/0
 4 root      20  0   0   0   0  S 0.0 0.0 0:00.02 ksoftirqd/0
 5 root      RT  0   0   0   0  S 0.0 0.0 0:00.01 migration/0
 6 root      RT  0   0   0   0  S 0.0 0.0 0:00.00 watchdog/0
 7 root      RT  0   0   0   0  S 0.0 0.0 0:00.04 migration/1
 8 root      RT  0   0   0   0  S 0.0 0.0 0:00.01 migration/1
 9 root      20  0   0   0   0  S 0.0 0.0 0:00.04 ksoftirqd/1
10 root      RT  0   0   0   0  S 0.0 0.0 0:00.00 watchdog/1
11 root      RT  0   0   0   0  S 0.0 0.0 0:00.72 migration/2
12 root      RT  0   0   0   0  S 0.0 0.0 0:00.01 migration/2
13 root      20  0   0   0   0  S 0.0 0.0 0:00.03 ksoftirqd/2
14 root      RT  0   0   0   0  S 0.0 0.0 0:00.00 watchdog/2
15 root      RT  0   0   0   0  S 0.0 0.0 0:00.77 migration/3
16 root      RT  0   0   0   0  S 0.0 0.0 0:00.01 migration/3
17 root      20  0   0   0   0  S 0.0 0.0 0:00.01 ksoftirqd/3
18 root      RT  0   0   0   0  S 0.0 0.0 0:00.00 watchdog/3
19 root      RT  0   0   0   0  S 0.0 0.0 0:00.03 migration/4
20 root      RT  0   0   0   0  S 0.0 0.0 0:00.01 migration/4
21 root      20  0   0   0   0  S 0.0 0.0 0:00.17 ksoftirqd/4
22 root      RT  0   0   0   0  S 0.0 0.0 0:00.00 watchdog/4
23 root      RT  0   0   0   0  S 0.0 0.0 0:00.05 migration/5

```

24 root	RT	0	0	0	0	S	0.0	0.0	0:00.00	migration/5
25 root	20	0	0	0	0	S	0.0	0.0	0:00.01	ksoftirqd/5
26 root	RT	0	0	0	0	S	0.0	0.0	0:00.00	watchdog/5
27 root	RT	0	0	0	0	S	0.0	0.0	0:00.67	migration/6
28 root	RT	0	0	0	0	S	0.0	0.0	0:00.01	migration/6
29 root	20	0	0	0	0	S	0.0	0.0	0:00.23	ksoftirqd/6
30 root	RT	0	0	0	0	S	0.0	0.0	0:00.00	watchdog/6
31 root	RT	0	0	0	0	S	0.0	0.0	0:00.61	migration/7
32 root	RT	0	0	0	0	S	0.0	0.0	0:00.01	migration/7
33 root	20	0	0	0	0	S	0.0	0.0	0:00.01	ksoftirqd/7
34 root	RT	0	0	0	0	S	0.0	0.0	0:00.00	watchdog/7
35 root	20	0	0	0	0	S	0.0	0.0	0:00.00	events/0
36 root	20	0	0	0	0	S	0.0	0.0	0:01.28	events/1
37 root	20	0	0	0	0	S	0.0	0.0	0:00.27	events/2
38 root	20	0	0	0	0	S	0.0	0.0	0:00.07	events/3
39 root	20	0	0	0	0	S	0.0	0.0	0:00.07	events/4

[root@aunode1 ~]#

Subject: Re: Server Crash, seemingly related to VZQUOTA
 Posted by [epineda04](#) on Sat, 14 Jan 2012 20:30:35 GMT
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Hi all,

This seems to be a common problem.

We are a hosting provide and we had worked with Centos 5 before, and everything used to run smoothly, now that we have a new server with Centos 6, its different.

Despite of having scripts to kill abusers, certain processes as well, and a script to kill processes

that use more than 20% of CPU for more than 1 minute, the server keeps on crashing.

Last time i had top running, and the load was 0.78 and all of a sudden the server becomes completely dead, ssh was dead and tty access was dead as well.

Then i started looking at the logs, and the amount of information is simply overwhelming.

Here is the info i can provide to maybe try to come up with a solution to this problem.

Kernel: 2.6.32-042stab039.11

vzctl version 3.0.29.3

Vzquota version 2.5.0

Centos 6 86_64 Bits

Hardware Node: Dual Intel(R) Xeon(R) CPU E5620 @ 2.40GHz Processors

RAM: 48GB

The logs are way to long, but this is kind of what it looks like before it goes completely dead:

```
Jan 14 13:13:28 S04001011820 kernel: [ 2.499590] usb usb1: Product: EHCI Host Controller
Jan 14 13:13:28 S04001011820 kernel: [ 2.499593] usb usb1: Manufacturer: Linux
2.6.32-042stab039.11 ehci_hcd
Jan 14 13:13:28 S04001011820 kernel: [ 2.499597] usb usb1: SerialNumber: 0000:00:1a.7
Jan 14 13:13:28 S04001011820 kernel: [ 2.499645] usb usb1: configuration #1 chosen from 1
choice
Jan 14 13:13:28 S04001011820 kernel: [ 2.499668] hub 1-0:1.0: USB hub found
Jan 14 13:13:28 S04001011820 kernel: [ 2.499672] hub 1-0:1.0: 6 ports detected
Jan 14 13:13:28 S04001011820 kernel: [ 2.499769] ehci_hcd 0000:00:1d.7: PCI INT A -> GSI
23 (level, low) -> IRQ 23
Jan 14 13:13:28 S04001011820 kernel: [ 2.499785] ehci_hcd 0000:00:1d.7: EHCI Host
Controller
Jan 14 13:13:28 S04001011820 kernel: [ 2.499817] ehci_hcd 0000:00:1d.7: new USB bus
registered, assigned bus number 2
Jan 14 13:13:28 S04001011820 kernel: [ 2.499841] ehci_hcd 0000:00:1d.7: debug port 1
Jan 14 13:13:28 S04001011820 kernel: [ 2.503722] ehci_hcd 0000:00:1d.7: irq 23, io mem
0xfbed8000
Jan 14 13:13:28 S04001011820 kernel: [ 2.513517] ehci_hcd 0000:00:1d.7: USB 2.0 started,
EHCI 1.00
Jan 14 13:13:28 S04001011820 kernel: [ 2.513535] usb usb2: New USB device found,
idVendor=1d6b, idProduct=0002
Jan 14 13:13:28 S04001011820 kernel: [ 2.513539] usb usb2: New USB device strings: Mfr=3,
Product=2, SerialNumber=1
Jan 14 13:13:28 S04001011820 kernel: [ 2.513543] usb usb2: Product: EHCI Host Controller
Jan 14 13:13:28 S04001011820 kernel: [ 2.513546] usb usb2: Manufacturer: Linux
2.6.32-042stab039.11 ehci_hcd
Jan 14 13:13:28 S04001011820 kernel: [ 2.513549] usb usb2: SerialNumber: 0000:00:1d.7
Jan 14 13:13:28 S04001011820 kernel: [ 2.513602] usb usb2: configuration #1 chosen from 1
choice
Jan 14 13:13:28 S04001011820 kernel: [ 2.513621] hub 2-0:1.0: USB hub found
```

```

Jan 14 13:13:28 S04001011820 kernel: [ 2.513625] hub 2-0:1.0: 6 ports detected
Jan 14 13:13:28 S04001011820 kernel: [ 2.513692] ohci_hcd: USB 1.1 'Open' Host Controller
(OHCI) Driver
Jan 14 13:13:28 S04001011820 kernel: [ 2.513705] uhci_hcd: USB Universal Host Controller
Interface driver
Jan 14 13:13:28 S04001011820 kernel: [ 2.513773] uhci_hcd 0000:00:1a.0: PCI INT A -> GSI
16 (level, low) -> IRQ 16
Jan 14 13:13:28 S04001011820 kernel: [ 2.513789] uhci_hcd 0000:00:1a.0: UHCI Host
Controller
Jan 14 13:13:28 S04001011820 kernel: [ 2.513823] uhci_hcd 0000:00:1a.0: new USB bus
registered, assigned bus number 3
Jan 14 13:13:28 S04001011820 kernel: [ 2.513855] uhci_hcd 0000:00:1a.0: irq 16, io base
0x0000bc00
Jan 14 13:13:28 S04001011820 kernel: [ 2.513882] usb usb3: New USB device found,
idVendor=1d6b, idProduct=0001
Jan 14 13:13:28 S04001011820 kernel: [ 2.513884] usb usb3: New USB device strings: Mfr=3,
Product=2, SerialNumber=1
Jan 14 13:13:28 S04001011820 kernel: [ 2.513887] usb usb3: Product: UHCI Host Controller
Jan 14 13:13:28 S04001011820 kernel: [ 2.513889] usb usb3: Manufacturer: Linux
2.6.32-042stab039.11 uhci_hcd
Jan 14 13:13:28 S04001011820 kernel: [ 2.513891] usb usb3: SerialNumber: 0000:00:1a.0
Jan 14 13:13:28 S04001011820 kernel: [ 2.513924] usb usb3: configuration #1 chosen from 1
choice
Jan 14 13:13:28 S04001011820 kernel: [ 2.513944] hub 3-0:1.0: USB hub found
Jan 14 13:13:28 S04001011820 kernel: [ 2.513948] hub 3-0:1.0: 2 ports detected
Jan 14 13:13:28 S04001011820 kernel: [ 2.514045] uhci_hcd 0000:00:1a.1: PCI INT B -> GSI
21 (level, low) -> IRQ 21
Jan 14 13:13:28 S04001011820 kernel: [ 2.514061] uhci_hcd 0000:00:1a.1: UHCI Host
Controller
Jan 14 13:13:28 S04001011820 kernel: [ 2.514089] uhci_hcd 0000:00:1a.1: new USB bus
registered, assigned bus number 4
Jan 14 13:13:28 S04001011820 kernel: [ 2.514122] uhci_hcd 0000:00:1a.1: irq 21, io base
0x0000b880
Jan 14 13:13:28 S04001011820 kernel: [ 2.514148] usb usb4: New USB device found,
idVendor=1d6b, idProduct=0001
Jan 14 13:13:28 S04001011820 kernel: [ 2.514150] usb usb4: New USB device strings: Mfr=3,
Product=2, SerialNumber=1
Jan 14 13:13:28 S04001011820 kernel: [ 2.514153] usb usb4: Product: UHCI Host Controller
Jan 14 13:13:28 S04001011820 kernel: [ 2.514155] usb usb4: Manufacturer: Linux
2.6.32-042stab039.11 uhci_hcd
Jan 14 13:13:28 S04001011820 kernel: [ 2.514157] usb usb4: SerialNumber: 0000:00:1a.1
Jan 14 13:13:28 S04001011820 kernel: [ 2.514191] usb usb4: configuration #1 chosen from 1
choice
Jan 14 13:13:28 S04001011820 kernel: [ 2.514210] hub 4-0:1.0: USB hub found
Jan 14 13:13:28 S04001011820 kernel: [ 2.514214] hub 4-0:1.0: 2 ports detected
Jan 14 13:13:28 S04001011820 kernel: [ 2.514295] uhci_hcd 0000:00:1a.2: PCI INT D -> GSI
19 (level, low) -> IRQ 19
Jan 14 13:13:28 S04001011820 kernel: [ 2.514305] uhci_hcd 0000:00:1a.2: UHCI Host

```

Controller

Jan 14 13:13:28 S04001011820 kernel: [2.514334] uhci_hcd 0000:00:1a.2: new USB bus registered, assigned bus number 5

Jan 14 13:13:28 S04001011820 kernel: [2.514365] uhci_hcd 0000:00:1a.2: irq 19, io base 0x0000b800

Jan 14 13:13:28 S04001011820 kernel: [2.514392] usb usb5: New USB device found, idVendor=1d6b, idProduct=0001

Jan 14 13:13:28 S04001011820 kernel: [2.514395] usb usb5: New USB device strings: Mfr=3, Product=2, SerialNumber=1

Jan 14 13:13:28 S04001011820 kernel: [2.514397] usb usb5: Product: UHCI Host Controller

Jan 14 13:13:28 S04001011820 kernel: [2.514399] usb usb5: Manufacturer: Linux 2.6.32-042stab039.11 uhci_hcd

Jan 14 13:13:28 S04001011820 kernel: [2.514401] usb usb5: SerialNumber: 0000:00:1a.2

Jan 14 13:13:28 S04001011820 kernel: [2.514435] usb usb5: configuration #1 chosen from 1 choice

Jan 14 13:13:28 S04001011820 kernel: [2.514455] hub 5-0:1.0: USB hub found

Jan 14 13:13:28 S04001011820 kernel: [2.514458] hub 5-0:1.0: 2 ports detected

Jan 14 13:13:28 S04001011820 kernel: [2.514540] uhci_hcd 0000:00:1d.0: PCI INT A -> GSI 23 (level, low) -> IRQ 23

Jan 14 13:13:28 S04001011820 kernel: [2.514549] uhci_hcd 0000:00:1d.0: UHCI Host Controller

Jan 14 13:13:28 S04001011820 kernel: [3.531204] scsi 0:0:1:0: Direct-Access ATA ST32000542AS CC34 PQ: 0 ANSI: 5

Jan 14 13:13:28 S04001011820 kernel: [3.536701] ata2.01: configured for UDMA/133

Jan 14 13:13:28 S04001011820 kernel: [3.536942] scsi 1:0:0:0: Direct-Access ATA ST32000542AS CC34 PQ: 0 ANSI: 5

Jan 14 13:13:28 S04001011820 kernel: [3.537071] scsi 1:0:1:0: Direct-Access ATA ST31000524AS JC45 PQ: 0 ANSI: 5

Jan 14 13:13:28 S04001011820 kernel: [3.584547] sd 1:0:0:0: [sdc] 3907029168 512-byte logical blocks: (2.00 TB/1.81 TiB)

Jan 14 13:13:28 S04001011820 kernel: [3.584563] sd 0:0:0:0: [sda] 3907029168 512-byte logical blocks: (2.00 TB/1.81 TiB)

Jan 14 13:13:28 S04001011820 kernel: [3.584594] sd 0:0:1:0: [sdb] 3907029168 512-byte logical blocks: (2.00 TB/1.81 TiB)

Jan 14 13:13:28 S04001011820 kernel: [3.584600] sd 1:0:0:0: [sdc] Write Protect is off

Jan 14 13:13:28 S04001011820 kernel: [3.584621] sd 1:0:0:0: [sdc] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA

Jan 14 13:13:28 S04001011820 kernel: [3.584687] sd 0:0:0:0: [sda] Write Protect is off

Jan 14 13:13:28 S04001011820 kernel: [3.584692] sd 1:0:1:0: [sdd] 1953525168 512-byte logical blocks: (1.00 TB/931 GiB)

Jan 14 13:13:28 S04001011820 kernel: [3.584701] sd 0:0:1:0: [sdb] Write Protect is off

Jan 14 13:13:28 S04001011820 kernel: [3.584728] sd 0:0:0:0: [sda] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA

Jan 14 13:13:28 S04001011820 kernel: [3.584734] sd 0:0:1:0: [sdb] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA

Jan 14 13:13:28 S04001011820 kernel: [3.584845] sd 1:0:1:0: [sdd] Write Protect is off

Jan 14 13:13:28 S04001011820 kernel: [3.584885] sd 1:0:1:0: [sdd] Write cache: enabled, read cache: enabled, doesn't support DPO or FUA

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Jan 14 13:13:28 S04001011820 kernel: [ 3.584975] sdb:
Jan 14 13:13:28 S04001011820 kernel: [ 3.585067] sda:
Jan 14 13:13:28 S04001011820 kernel: [ 3.585103] sdc: sdb1
Jan 14 13:13:28 S04001011820 kernel: [ 3.591953] sda1 sda2
Jan 14 13:13:28 S04001011820 kernel: [ 3.592688] sd 0:0:0:0: [sda] Attached SCSI disk
Jan 14 13:13:28 S04001011820 kernel: [ 3.592746] sd 0:0:1:0: [sdb] Attached SCSI disk
Jan 14 13:13:28 S04001011820 kernel: [ 3.628574] sdc1
Jan 14 13:13:28 S04001011820 kernel: [ 3.629237] sdd: sdd1
Jan 14 13:13:28 S04001011820 kernel: [ 3.647975] sd 1:0:0:0: [sdc] Attached SCSI disk
Jan 14 13:13:28 S04001011820 kernel: [ 3.648718] sd 1:0:1:0: [sdd] Attached SCSI disk
Jan 14 13:13:28 S04001011820 kernel: [ 3.893018] dracut: Scanning for dmraid devices
ddf1_4c5349202020202010000055000000004711471100001450
Jan 14 13:13:28 S04001011820 kernel: [ 4.952004] dracut: Found dmraid sets:
Jan 14 13:13:28 S04001011820 kernel: [ 4.952325] dracut:
ddf1_4c534920202020202010000055000000004711471100001450
Jan 14 13:13:28 S04001011820 kernel: [ 4.952656] dracut: Activating
ddf1_4c534920202020202010000055000000004711471100001450
Jan 14 13:13:28 S04001011820 kernel: [ 4.991286] dracut: ERROR: ddf1: both header
signatures bad on /dev/sda
Jan 14 13:13:28 S04001011820 kernel: [ 5.831449] dracut: RAID set
"ddf1_4c534920202020202010000055000000004711471100001450" was activated
Jan 14 13:13:28 S04001011820 kernel: [ 5.831493] dracut: RAID set
"ddf1_4c534920202020202010000055000000004711471100001450" was not activated
Jan 14 13:13:28 S04001011820 kernel: [ 5.956266] dracut: Scanning devices dm-1 sda2 sdb1
sdd1 for LVM logical volumes vg_s04001011820/lv_root vg_s04001011820/lv_swap
Jan 14 13:13:28 S04001011820 kernel: [ 6.011327] dracut: inactive
'/dev/vg_s04001011820/lv_vz' [6.31 TiB] inherit
Jan 14 13:13:28 S04001011820 kernel: [ 6.011383] dracut: inactive
'/dev/vg_s04001011820/lv_root' [10.00 GiB] inherit
Jan 14 13:13:28 S04001011820 kernel: [ 6.011432] dracut: inactive
'/dev/vg_s04001011820/lv_swap' [48.00 GiB] inherit
Jan 14 13:13:28 S04001011820 kernel: [ 6.309730] EXT4-fs (dm-2): INFO: recovery required on
readonly filesystem
Jan 14 13:13:28 S04001011820 kernel: [ 6.309736] EXT4-fs (dm-2): write access will be
enabled during recovery
Jan 14 13:13:28 S04001011820 kernel: [ 8.281096] EXT4-fs (dm-2): recovery complete
Jan 14 13:13:28 S04001011820 kernel: [ 8.281758] EXT4-fs (dm-2): mounted filesystem with
ordered data mode
Jan 14 13:13:28 S04001011820 kernel: [ 8.330423] dracut: Mounted root filesystem
/dev/mapper/vg_s04001011820-lv_root
Jan 14 13:13:28 S04001011820 kernel: [ 8.434512] dracut: Loading SELinux policy
Jan 14 13:13:28 S04001011820 kernel: [ 8.785240] dracut: /sbin/load_policy: Can't load policy:
No such device
Jan 14 13:13:28 S04001011820 kernel: [ 8.918779] dracut: Switching root
Jan 14 13:13:28 S04001011820 kernel: [ 9.859929] udev: starting version 147
Jan 14 13:13:28 S04001011820 kernel: [ 10.214425] shpchp: Standard Hot Plug PCI Controller
Driver version: 0.4
Jan 14 13:13:28 S04001011820 kernel: [ 10.439164] EDAC MC: Ver: 2.1.0 Nov 10 2011

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Jan 14 13:13:28 S04001011820 kernel: [10.515534] dca service started, version 1.12.1
Jan 14 13:13:28 S04001011820 kernel: [10.543479] ioatdma: Intel(R) QuickData Technology
Driver 4.00
Jan 14 13:13:28 S04001011820 kernel: [10.544451] ioatdma 0000:00:16.0: PCI INT A -> GSI
43 (level, low) -> IRQ 43
Jan 14 13:13:28 S04001011820 kernel: [10.545433] ioatdma 0000:00:16.1: PCI INT B -> GSI
44 (level, low) -> IRQ 44
Jan 14 13:13:28 S04001011820 kernel: [10.545848] ioatdma 0000:00:16.2: PCI INT C -> GSI
45 (level, low) -> IRQ 45
Jan 14 13:13:28 S04001011820 kernel: [10.546281] ioatdma 0000:00:16.3: PCI INT D -> GSI
46 (level, low) -> IRQ 46
Jan 14 13:13:28 S04001011820 kernel: [10.546661] ioatdma 0000:00:16.4: PCI INT A -> GSI
43 (level, low) -> IRQ 43
Jan 14 13:13:28 S04001011820 kernel: [10.547017] ioatdma 0000:00:16.5: PCI INT B -> GSI
44 (level, low) -> IRQ 44
Jan 14 13:13:28 S04001011820 kernel: [10.547371] ioatdma 0000:00:16.6: PCI INT C -> GSI
45 (level, low) -> IRQ 45
Jan 14 13:13:28 S04001011820 kernel: [10.547720] ioatdma 0000:00:16.7: PCI INT D -> GSI
46 (level, low) -> IRQ 46
Jan 14 13:13:28 S04001011820 kernel: [10.888350] HDA Intel 0000:00:1b.0: PCI INT A -> GSI
22 (level, low) -> IRQ 22
Jan 14 13:13:28 S04001011820 kernel: [10.896958] hda-intel: no codecs found!

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Then when it reboots:

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Jan 14 13:13:50 S04001011820 acpid: 1 client rule loaded
Jan 14 13:13:51 S04001011820 automount[2199]: lookup_read_master: lookup(nisplus): couldn't
locate nis+ table auto.master
Jan 14 13:13:52 S04001011820 ntpd[2224]: ntpd 4.2.4p8@1.1612-o Wed Aug 25 13:54:50 UTC
2010 (1)
Jan 14 13:13:52 S04001011820 ntpd[2225]: precision = 0.110 usec
Jan 14 13:13:52 S04001011820 ntpd[2225]: Listening on interface #0 wildcard, 0.0.0.0#123
Disabled
Jan 14 13:13:52 S04001011820 ntpd[2225]: Listening on interface #1 wildcard, ::#123 Disabled
Jan 14 13:13:52 S04001011820 ntpd[2225]: Listening on interface #2 venet0, fe80::1#123
Enabled
Jan 14 13:13:52 S04001011820 ntpd[2225]: Listening on interface #3 lo, ::#123 Enabled
Jan 14 13:13:52 S04001011820 ntpd[2225]: Listening on interface #4 eth1,
2a02:29b8:1820::2#123 Enabled
Jan 14 13:13:52 S04001011820 ntpd[2225]: Listening on interface #5 eth1,
fe80::225:90ff:fe37:19c9#123 Enabled
Jan 14 13:13:52 S04001011820 ntpd[2225]: Listening on interface #6 lo, 127.0.0.1#123 Enabled
Jan 14 13:13:52 S04001011820 ntpd[2225]: Listening on interface #7 eth1, 81.17.16.34#123
Enabled
Jan 14 13:13:52 S04001011820 ntpd[2225]: Listening on routing socket on fd #24 for interface
updates

Jan 14 13:13:52 S04001011820 ntpd[2225]: kernel time sync status 2040
Jan 14 13:13:52 S04001011820 ntpd[2225]: frequency initialized 35.730 PPM from
/var/lib/ntp/drift
Jan 14 13:13:53 S04001011820 abrtd: Registered Action plugin 'SOSreport'
Jan 14 13:13:53 S04001011820 abrtd: Registered Analyzer plugin 'Python'
Jan 14 13:13:53 S04001011820 abrtd: Registered Reporter plugin 'RHTSupport'
Jan 14 13:13:53 S04001011820 abrtd: Registered Analyzer plugin 'CCpp'
Jan 14 13:13:53 S04001011820 abrtd: Registered Reporter plugin 'Logger'
Jan 14 13:13:53 S04001011820 abrtd: Registered Analyzer plugin 'Kerneloops'
Jan 14 13:13:53 S04001011820 abrtd: Registered Action plugin 'KerneloopsScanner'
Jan 14 13:13:53 S04001011820 abrtd: Can't load public GPG key
/etc/pki/rpm-gpg/RPM-GPG-KEY-redhat-auxiliary
Jan 14 13:13:53 S04001011820 abrtd: Can't load public GPG key
/etc/pki/rpm-gpg/RPM-GPG-KEY-redhat-beta-2
Jan 14 13:13:53 S04001011820 abrtd: Can't load public GPG key
/etc/pki/rpm-gpg/RPM-GPG-KEY-redhat-legacy-beta
Jan 14 13:13:53 S04001011820 abrtd: Can't load public GPG key
/etc/pki/rpm-gpg/RPM-GPG-KEY-redhat-legacy-former
Jan 14 13:13:53 S04001011820 abrtd: Can't load public GPG key
/etc/pki/rpm-gpg/RPM-GPG-KEY-redhat-legacy-release
Jan 14 13:13:53 S04001011820 abrtd: Can't load public GPG key
/etc/pki/rpm-gpg/RPM-GPG-KEY-redhat-legacy-rhx
Jan 14 13:13:53 S04001011820 abrtd: Init complete, entering main loop
Jan 14 13:13:59 S04001011820 kernel: [106.681251] tun: Universal TUN/TAP device driver, 1.6
Jan 14 13:13:59 S04001011820 kernel: [106.681254] tun: (C) 1999-2004 Max Krasnyansky
<maxk@qualcomm.com>
Jan 14 13:13:59 S04001011820 kernel: [106.809931] PPP generic driver version 2.4.2
Jan 14 13:13:59 S04001011820 kernel: [106.849781] PPP MPPE Compression module
registered
Jan 14 13:13:59 S04001011820 kernel: [106.879214] PPP Deflate Compression module
registered
Jan 14 13:14:00 S04001011820 kernel: [106.991757] NET: Registered protocol family 8
Jan 14 13:14:00 S04001011820 kernel: [106.991761] NET: Registered protocol family 20
Jan 14 13:14:01 S04001011820 kernel: [108.190315] ip6_tables: (C) 2000-2006 Netfilter Core
Team
Jan 14 13:14:01 S04001011820 kernel: [108.292314] Slow work thread pool: Starting up
Jan 14 13:14:01 S04001011820 kernel: [108.292491] Slow work thread pool: Ready
Jan 14 13:14:01 S04001011820 kernel: [108.293135] FS-Cache: Loaded
Jan 14 13:14:01 S04001011820 kernel: [108.382814] FS-Cache: Netfs 'nfs' registered for
caching
Jan 14 13:14:04 S04001011820 kernel: [111.393298] warning: `vzctl' uses 32-bit capabilities
(legacy support in use)
Jan 14 13:14:04 S04001011820 kernel: [111.402588] CT: 7488441: started
Jan 14 13:14:31 S04001011820 kernel: [138.500821] CT: 7488444: started
Jan 14 13:14:41 S04001011820 kernel: [148.204921] CT: 7488445: started
Jan 14 13:15:21 S04001011820 kernel: [187.991309] CT: 7488448: started
Jan 14 13:15:24 S04001011820 kernel: [191.544388] CT: 7488449: started
Jan 14 13:15:30 S04001011820 kernel: [197.570689] CT: 7488451: started

Jan 14 13:15:33 S04001011820 kernel: [200.323833] process `sysctl' is using deprecated sysctl (syscall) net.ipv6.neigh.lo.retrans_time; Use net.ipv6.neigh.lo.retrans_time_ms instead.
Jan 14 13:15:38 S04001011820 kernel: [205.276385] CT: 7488452: started
Jan 14 13:15:46 S04001011820 kernel: [212.937123] CT: 7488453: started
Jan 14 13:17:09 S04001011820 ntpd[2225]: synchronized to 192.87.36.4, stratum 1
Jan 14 13:17:09 S04001011820 ntpd[2225]: time reset -0.178215 s
Jan 14 13:17:09 S04001011820 ntpd[2225]: kernel time sync status change 2001
Jan 14 13:17:15 S04001011820 kernel: [302.429596] CT: 7488456: started
Jan 14 13:17:19 S04001011820 kernel: [306.551076] CT: 7488457: started
Jan 14 13:17:28 S04001011820 kernel: [314.812241] CT: 7488458: started
Jan 14 13:17:34 S04001011820 kernel: [321.273134] CT: 7488459: started
Jan 14 13:17:45 S04001011820 kernel: [332.036901] CT: 7488461: started
Jan 14 13:17:50 S04001011820 kernel: [337.032232] CT: 7488462: started
Jan 14 13:18:04 S04001011820 kernel: [351.040876] CT: 7488464: started

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More errors that i am not sure what they are
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Jan 14 13:43:09 S04001011820 kernel: [1854.268364] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 712 6 0 0 pipe failed
Jan 14 13:43:09 S04001011820 kernel: [1854.275749] CT: 7488702: started
Jan 14 13:43:28 S04001011820 kernel: [1873.413294] CT: 7488704: started
Jan 14 13:44:09 S04001011820 kernel: [1914.178864] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 728 6 0 0 pipe failed
Jan 14 13:45:09 S04001011820 kernel: [1974.095290] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 743 6 0 0 pipe failed
Jan 14 13:46:09 S04001011820 kernel: [2034.026253] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 762 6 0 0 pipe failed
Jan 14 13:47:09 S04001011820 kernel: [2093.821278] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 777 6 0 0 pipe failed
Jan 14 13:48:10 S04001011820 kernel: [2154.741911] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 794 6 0 0 pipe failed
Jan 14 13:49:09 S04001011820 kernel: [2213.830485] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 809 6 0 0 pipe failed
Jan 14 13:50:09 S04001011820 kernel: [2273.669639] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 824 6 0 0 pipe failed
Jan 14 13:51:14 S04001011820 kernel: [2338.648803] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 843 6 0 0 pipe failed
Jan 14 13:52:17 S04001011820 kernel: [2401.551919] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 859 6 0 0 pipe failed
Jan 14 13:53:19 S04001011820 kernel: [2463.169191] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 874 6 0 0 pipe failed
Jan 14 13:54:19 S04001011820 kernel: [2523.155190] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 895 6 0 0 pipe failed
Jan 14 13:55:19 S04001011820 kernel: [2583.126463] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 912 6 0 0 pipe failed

Jan 14 13:56:19 S04001011820 kernel: [2643.051340] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 931 6 0 0 pipe failed
Jan 14 13:57:19 S04001011820 kernel: [2702.953222] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 948 6 0 0 pipe failed
Jan 14 13:58:20 S04001011820 kernel: [2763.176367] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 964 6 0 0 pipe failed
Jan 14 13:59:20 S04001011820 kernel: [2823.052539] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 980 6 0 0 pipe failed
Jan 14 14:00:20 S04001011820 kernel: [2883.030338] Core dump to /usr/libexec/abrt-hook-ccpp
/var/spool/abrt 996 6 0 0 pipe failed
Jan 14 14:01:31 S04001011820 kernel: [2954.259257] CT: 7488703: started

I understand this is a lot of information, if someone out there has a way around this issue of having the server reboot pretty much every day, would be really appreciated.

Regards,

Ezequiel

Subject: Re: Server Crash, seemingly related to VZQUOTA
Posted by [bjdea1](#) on Sun, 15 Jan 2012 01:35:32 GMT
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We reverted our server back to Centos 5 and RHEL5 openvz kernel, no problems anymore, however we don't have the new openvz features, like vswap etc.

We do still have one server running RHEL6 Openvz kernel and its been stable for a long time now, no reboots. We have only gradually placed new VPS's on this server and it seems setting up new VPS's goes smoothly with the new OpenVZ kernel. But if you're trying to migrate a current centos 5 VPS's platform to a new centos 6 platform, then its unstable - at least that's been our experience.

So we are placing new clients on this new server - none of our old clients have been placed on this new server and so far its been stable, with about 10 VPS's running. We are using kernel: 2.6.32-042stab037.1

Subject: Re: Server Crash, seemingly related to VZQUOTA
Posted by [mustardman](#) on Sun, 15 Jan 2012 19:17:35 GMT
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Migrating clients over may have something to do with the vzctl problems they are having. Apparently there are still problems with the latest vzctl (3.0.30.2) but ymmv.
<http://openvz.livejournal.com/39765.html>

We had problems migrating over clients from a 32bit RHEL5 node to a 64bit RHEL6 node recently which may have had something to do with the vzctl problem. So we have abandoned that project and are back on RHEL5 for at least another year.

We have noticed those occasional spikes of 1000+% CPU usage etc. on another RHEL6 node we have in production. Seems to happen on 1 or 2 specific processes such as mysqld and yum I think. As far as we can tell it's harmless. Only happens for an instant and doesn't seem to be for real in any way. Maybe a display problem with top?

So far that node has been running smooth for a couple weeks now on the latest RHEL6 kernel. Had a high I/O problem with an earlier kernel but that seems to be fixed now. As the previous poster said, seems to work ok if you are adding new VPS's. Not migrating.

Subject: Re: Server Crash, seemingly related to VZQUOTA
Posted by [mustardman](#) on Sun, 15 Jan 2012 19:26:37 GMT
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bjdea1 wrote on Sat, 14 January 2012 20:35We reverted our server back to Centos 5 and RHEL5 openvz kernel, no problems anymore, however we don't have the new openvz features, like vswap etc.

We do still have one server running RHEL6 Openvz kernel and its been stable for a long time now, no reboots. We have only gradually placed new VPS's on this server and it seems setting up new VPS's goes smoothly with the new OpenVZ kernel. But if you're trying to migrate a current centos 5 VPS's platform to a new centos 6 platform, then its unstable - at least that's been our experience.

So we are placing new clients on this new server - none of our old clients have been placed on this new server and so far its been stable, with about 10 VPS's running. We are using kernel: 2.6.32-042stab037.1

My advice would be to upgrade that kernel. They have fixed a lot of major problems with it since then. We had some I/O problems with that kernel. After about 2 weeks of running smooth the node suddenly had high I/O load. Haven't had that problem since upgrading to the latest kernel.
