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Subject: Issue after converting to 042 kernel and ext4  
Posted by [Darthkatzs](#) on Wed, 02 Dec 2015 00:12:13 GMT  
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After a lot of hassle moving my 028 kernel to a 042 kernel and the ext3 /vz to ext4 I've hit a brick wall. All the current containers work fine, but when i reinstall or create a new one it gives this error on startup:

2015-12-02T01:05:08+0100 vzctl : CT 214 : Error setting device permissions: Cannot allocate memory

2015-12-02T01:05:08+0100 vzctl : CT 214 : Container start failed (try to check kernel messages, e.g. "dmesg | tail")

When checking dmesg I see this:

```
Dec  2 01:05:08 vps kernel: [ 1457.850384] WARNING: at fs/sysfs/dir.c:528
sysfs_add_one+0xb8/0xd0() (Tainted: G      W -- -----)
Dec  2 01:05:08 vps kernel: [ 1457.850637] Hardware name: X8STi
Dec  2 01:05:08 vps kernel: [ 1457.850761] sysfs: cannot create duplicate filename '/block'
Dec  2 01:05:08 vps kernel: [ 1457.850896] Modules linked in: sch_cbq vzethdev pio_kaio pio_nfs
pio_direct pfmt_raw pfmt_ploop1 ploop simfs vzrst vzcpt nfs fscache auth_rpcgss nfs_acl vziolimit
vzdquota ip6t_REJECT ip6table_mangle ip6table_filter ip6_tables ipt_REDIRECT xt_owner
nf_nat_ftp nf_conntrack_ftp iptable_nat nf_nat xt_state xt_length xt_hl xt_tcpmss xt_TCPMSS
iptable_mangle iptable_filter xt_multiport xt_limit nf_conntrack_ipv4 nf_conntrack nf_defrag_ipv4
ipt_LOG xt_DSCP xt_dscp ipt_REJECT ip_tables vzevent lockd sunrpc vznetdev vzmon vzdev
be2iscsi iscsi_boot_sysfs ib_iser rdma_cm ib_cm iw_cm ib_sa ib_mad ib_core ib_addr iscsi_tcp
bnx2i cnic uio cxgb3i libcxgbi ipv6 cxgb3 libiscsi_tcp libiscsi scsi_transport_iscsi ext4 jbd2
dm_multipath video output sbs sbshc acpi_pad ipmi_msghandler parport_pc lp parport
snd_seq_dummy snd_pcsp snd_seq_oss snd_seq_midi_event snd_seq snd_seq_device
snd_pcm_oss snd_mixer_oss snd_pcm snd_timer tpm_tis iTCO_wdt sg iTCO_vendor_support
serio_raw tpm snd_i2c_i801 lpc_ich
Dec  2 01:05:08 vps kernel: soundcore i7core_edac snd_page_alloc edac_core tpm_bios
mfd_core i2c_core ioatdma shpchp netxen_nic 3w_9xxx qlge ixgbe dca mdio sata_nv forcedeth
via686a ahci mptctl mptsas scsi_transport_sas dm_crypt raid456 async_raid6_recov async_pq
raid6_pq async_xor async_memcpy async_tx raid0 raid1 dm_mirror sata_via sata_sis pata_sis
sym53c8xx aic7xxx 3w_xxxx sky2 r8169 skge e1000e ptp pps_core e1000 via_rhine sis900
8139too e100 mii dm_raid45 dm_memcache xor dm_region_hash dm_log dm_mod mptspi
mptscsih scsi_transport_spi mptbase pata_acpi ata_piix ata_generic sd_mod crc_t10dif ext3 jbd
mbcache
Dec  2 01:05:08 vps kernel: [ 1457.853893] Pid: 50978, comm: vzctl veid: 0 Tainted: G      W --
----- 2.6.32-042stab112.15 #1
Dec  2 01:05:08 vps kernel: [ 1457.854146] Call Trace:
Dec  2 01:05:08 vps kernel: [ 1457.854274] [<ffffffff8107ded1>] ?
warn_slowpath_common+0x91/0xe0
Dec  2 01:05:08 vps kernel: [ 1457.854405] [<ffffffff8107dfd6>] ? warn_slowpath_fmt+0x46/0x60
Dec  2 01:05:08 vps kernel: [ 1457.854535] [<ffffffff8123deb8>] ? sysfs_add_one+0xb8/0xd0
Dec  2 01:05:08 vps kernel: [ 1457.854665] [<ffffffff8123df38>] ? create_dir+0x68/0xb0
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Dec 2 01:05:08 vps kernel: [ 1457.854796] [<ffffffff8123dfce>] ? sysfs_create_dir+0x4e/0x80
Dec 2 01:05:08 vps kernel: [ 1457.854929] [<ffffffff812b0120>] ? kvasprintf+0x70/0x90
Dec 2 01:05:08 vps kernel: [ 1457.855059] [<ffffffff812a2439>] ?
kobject_add_internal+0xb9/0x260
Dec 2 01:05:08 vps kernel: [ 1457.855190] [<ffffffff812a26e8>] ? kobject_add_varg+0x38/0x60
Dec 2 01:05:08 vps kernel: [ 1457.855319] [<ffffffff812a27c4>] ? kobject_add+0x44/0x70
Dec 2 01:05:08 vps kernel: [ 1457.855449] [<ffffffff812a1e16>] ? kobject_init+0x26/0xa0
Dec 2 01:05:08 vps kernel: [ 1457.855578] [<ffffffff812a282e>] ?
kobject_create_and_add+0x3e/0x80
Dec 2 01:05:08 vps kernel: [ 1457.855710] [<ffffffff8138971b>] ? ve_device_add+0x44b/0x4b0
Dec 2 01:05:08 vps kernel: [ 1457.855842] [<ffffffff81389831>] ? ve_devt_add+0xb1/0x1a0
Dec 2 01:05:08 vps kernel: [ 1457.855974] [<fffffffa071b45b>] ? vzcalls_ioctl+0x3eb/0xab0
[vzmon]
Dec 2 01:05:08 vps kernel: [ 1457.856106] [<ffffffff811c6b26>] ? final_putname+0x26/0x50
Dec 2 01:05:08 vps kernel: [ 1457.856236] [<ffffffff811c759b>] ? putname+0x2b/0x40
Dec 2 01:05:08 vps kernel: [ 1457.856365] [<ffffffff811cb654>] ? user_path_at+0x64/0xa0
Dec 2 01:05:08 vps kernel: [ 1457.856495] [<fffffffa012d070>] ? vzctl_get_handler+0x20/0x100
[vzdev]
Dec 2 01:05:08 vps kernel: [ 1457.856627] [<fffffffa012d277>] ? vzctl_ioctl+0x57/0x7c [vzdev]
Dec 2 01:05:08 vps kernel: [ 1457.856758] [<ffffffff811ce5d2>] ? vfs_ioctl+0x22/0xa0
Dec 2 01:05:08 vps kernel: [ 1457.856888] [<ffffffff811ce774>] ? do_vfs_ioctl+0x84/0x5b0
Dec 2 01:05:08 vps kernel: [ 1457.857019] [<ffffffff811cecef>] ? sys_ioctl+0x4f/0x80
Dec 2 01:05:08 vps kernel: [ 1457.857148] [<ffffffff8110056e>] ?
__audit_syscall_exit+0x25e/0x290
Dec 2 01:05:08 vps kernel: [ 1457.857279] [<ffffffff8100b1a2>] ?
system_call_fastpath+0x16/0x1b
Dec 2 01:05:08 vps kernel: [ 1457.857409] ---[ end trace c7e3e7daf88cd3cc ]---
Dec 2 01:05:08 vps kernel: [ 1457.857536] Tainting kernel with flag 0x9
Dec 2 01:05:08 vps kernel: [ 1457.857663] Pid: 50978, comm: vzctl veid: 0 Tainted: G      W  --
----- 2.6.32-042stab112.15 #1
Dec 2 01:05:08 vps kernel: [ 1457.857918] Call Trace:
Dec 2 01:05:08 vps kernel: [ 1457.858042] [<ffffffff8107dd31>] ? add_taint+0x71/0x80
Dec 2 01:05:08 vps kernel: [ 1457.858171] [<ffffffff8107dede>] ?
warn_slowpath_common+0x9e/0xe0
Dec 2 01:05:08 vps kernel: [ 1457.858302] [<ffffffff8107dfd6>] ? warn_slowpath_fmt+0x46/0x60
Dec 2 01:05:08 vps kernel: [ 1457.858432] [<ffffffff8123deb8>] ? sysfs_add_one+0xb8/0xd0
Dec 2 01:05:08 vps kernel: [ 1457.858562] [<ffffffff8123df38>] ? create_dir+0x68/0xb0
Dec 2 01:05:08 vps kernel: [ 1457.858690] [<ffffffff8123dfce>] ? sysfs_create_dir+0x4e/0x80
Dec 2 01:05:08 vps kernel: [ 1457.858821] [<ffffffff812b0120>] ? kvasprintf+0x70/0x90
Dec 2 01:05:08 vps kernel: [ 1457.858950] [<ffffffff812a2439>] ?
kobject_add_internal+0xb9/0x260
Dec 2 01:05:08 vps kernel: [ 1457.859081] [<ffffffff812a26e8>] ? kobject_add_varg+0x38/0x60
Dec 2 01:05:08 vps kernel: [ 1457.859211] [<ffffffff812a27c4>] ? kobject_add+0x44/0x70
Dec 2 01:05:09 vps kernel: [ 1457.859341] [<ffffffff812a1e16>] ? kobject_init+0x26/0xa0
Dec 2 01:05:09 vps kernel: [ 1457.859471] [<ffffffff812a282e>] ?
kobject_create_and_add+0x3e/0x80
Dec 2 01:05:09 vps kernel: [ 1457.859602] [<ffffffff8138971b>] ? ve_device_add+0x44b/0x4b0
Dec 2 01:05:09 vps kernel: [ 1457.859732] [<ffffffff81389831>] ? ve_devt_add+0xb1/0x1a0

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Dec 2 01:05:09 vps kernel: [ 1457.859863] [<fffffffa071b45b>] ? vzcalls_ioctl+0x3eb/0xab0
[vzmon]
Dec 2 01:05:09 vps kernel: [ 1457.859996] [<ffffff811c6b26>] ? final_putname+0x26/0x50
Dec 2 01:05:09 vps kernel: [ 1457.860125] [<ffffff811c759b>] ? putname+0x2b/0x40
Dec 2 01:05:09 vps kernel: [ 1457.860254] [<ffffff811cb654>] ? user_path_at+0x64/0xa0
Dec 2 01:05:09 vps kernel: [ 1457.860385] [<ffffffa012d070>] ? vzctl_get_handler+0x20/0x100
[vzdev]
Dec 2 01:05:09 vps kernel: [ 1457.860517] [<ffffffa012d277>] ? vzctl_ioctl+0x57/0x7c [vzdev]
Dec 2 01:05:09 vps kernel: [ 1457.860647] [<ffffff811ce5d2>] ? vfs_ioctl+0x22/0xa0
Dec 2 01:05:09 vps kernel: [ 1457.860778] [<ffffff811ce774>] ? do_vfs_ioctl+0x84/0x5b0
Dec 2 01:05:09 vps kernel: [ 1457.860907] [<ffffff811cecef>] ? sys_ioctl+0x4f/0x80
Dec 2 01:05:09 vps kernel: [ 1457.861037] [<ffffff8110056e>] ?
__audit_syscall_exit+0x25e/0x290
Dec 2 01:05:09 vps kernel: [ 1457.861168] [<ffffff8100b1a2>] ?
system_call_fastpath+0x16/0x1b
Dec 2 01:05:09 vps kernel: [ 1457.861301] kobject_add_internal failed for block with -EEXIST,
don't try to register things with the same name in the same directory.
Dec 2 01:05:09 vps kernel: [ 1457.861557] Pid: 50978, comm: vzctl veid: 0 Tainted: G      W  --
----- 2.6.32-042stab112.15 #1
Dec 2 01:05:09 vps kernel: [ 1457.861808] Call Trace:
Dec 2 01:05:09 vps kernel: [ 1457.861930] [<ffffff812a24dd>] ?
kobject_add_internal+0x15d/0x260
Dec 2 01:05:09 vps kernel: [ 1457.862059] [<ffffff812a26e8>] ? kobject_add_varg+0x38/0x60
Dec 2 01:05:09 vps kernel: [ 1457.862187] [<ffffff812a27c4>] ? kobject_add+0x44/0x70
Dec 2 01:05:09 vps kernel: [ 1457.862315] [<ffffff812a1e16>] ? kobject_init+0x26/0xa0
Dec 2 01:05:09 vps kernel: [ 1457.862442] [<ffffff812a282e>] ?
kobject_create_and_add+0x3e/0x80
Dec 2 01:05:09 vps kernel: [ 1457.862572] [<ffffff8138971b>] ? ve_device_add+0x44b/0x4b0
Dec 2 01:05:09 vps kernel: [ 1457.862700] [<ffffff81389831>] ? ve_devt_add+0xb1/0x1a0
Dec 2 01:05:10 vps kernel: [ 1457.862830] [<ffffffa071b45b>] ? vzcalls_ioctl+0x3eb/0xab0
[vzmon]
Dec 2 01:05:10 vps kernel: [ 1457.862961] [<ffffff811c6b26>] ? final_putname+0x26/0x50
Dec 2 01:05:10 vps kernel: [ 1457.863089] [<ffffff811c759b>] ? putname+0x2b/0x40
Dec 2 01:05:10 vps kernel: [ 1457.863218] [<ffffff811cb654>] ? user_path_at+0x64/0xa0
Dec 2 01:05:10 vps kernel: [ 1457.863348] [<ffffffa012d070>] ? vzctl_get_handler+0x20/0x100
[vzdev]
Dec 2 01:05:10 vps kernel: [ 1457.863481] [<ffffffa012d277>] ? vzctl_ioctl+0x57/0x7c [vzdev]
Dec 2 01:05:10 vps kernel: [ 1457.863611] [<ffffff811ce5d2>] ? vfs_ioctl+0x22/0xa0
Dec 2 01:05:10 vps kernel: [ 1457.863740] [<ffffff811ce774>] ? do_vfs_ioctl+0x84/0x5b0
Dec 2 01:05:10 vps kernel: [ 1457.863871] [<ffffff811cecef>] ? sys_ioctl+0x4f/0x80
Dec 2 01:05:10 vps kernel: [ 1457.864001] [<ffffff8110056e>] ?
__audit_syscall_exit+0x25e/0x290
Dec 2 01:05:10 vps kernel: [ 1457.864132] [<ffffff8100b1a2>] ?
system_call_fastpath+0x16/0x1b
Dec 2 01:05:10 vps kernel: [ 1457.864263] kobject_create_and_add: kobject_add error: -17

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I've tried my share of searching but cannot seem to find any references.

Subject: Re: Issue after converting to 042 kernel and ext4  
Posted by [mustardman](#) on Tue, 08 Dec 2015 19:51:24 GMT  
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Maybe a permissions problem.

Check that /vz/private and /vz/root folders have permission 0700 and are owned by user/group root.

Are you using Vzswap or the old beancounters memory management? Maybe something to do with that. Check what the new container config file looks like in /etc/vz/conf/xxx.conf. Compare it to existing functioning containers. Check whether it's ORIGIN\_SAMPLE= is using vswap or the old style templates.

Also check the settings in /etc/vz/vz.conf. I think several of those settings have changed from the older version you were using.

Maybe try turn up the verbose/log level in /etc/vz/vz.conf and see what gets generated in /var/log/vzctl.log

Maybe you need to change the command you are using to create the container?  
<https://openvz.org/Man/vzctl.8>

Maybe try set an existing container to use the new vswap way if you aren't already doing that.  
vzctl set 777 --ram 512M --swap 512M --save

A lot of maybes for me.

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