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Subject: Re: OpenVZ 7 containers crashing with ext4 errors

Posted by [allan.talver](#) on Thu, 23 Jul 2020 08:06:59 GMT

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And today we had another crash. Hardware node with latest OpenVZ 7 version. Ubuntu 18.04 container.

pcompact.log

```
2020-07-22T02:00:02+0200 : Start defrag dev=/dev/ploop43013p1 mnt=/vz/root/4064
blocksize=2048
2020-07-22T02:01:07+0200 : Trying to find free extents bigger than 0 bytes granularity=1048576
2020-07-22T02:01:10+0200 pcompact : ploop=35840MB image=11098MB data=10739MB
balloon=0MB
2020-07-22T02:01:10+0200 pcompact : Stats: uuid=b78116fc-c179-482b-9ab5-c813d3a895a1
ploop_size=35840MB image_size_before=21123MB image_size_after=11098MB
compaction_time=68.751s type=online
2020-07-22T02:01:10+0200 pcompact : End compacting
```

dmesg

```
[Wed Jul 22 02:02:06 2020] -----[ cut here ]-----
[Wed Jul 22 02:02:06 2020] WARNING: CPU: 25 PID: 567333 at fs/ext4/ext4_jbd2.c:266
__ext4_handle_dirty_metadata+0x1c2/0x220 [ext4]
[Wed Jul 22 02:02:06 2020] Modules linked in: binfmt_misc nf_contrack_ipv4 nf_defrag_ipv4
xt_comment xt_multiport xt_contrack nfsv4 dns_resolver nfsd nfs_auth_rpcgss nfs_acl lockd
grace fscache xt_CHECKSUM iptable_mangle ip6t_REJECT nf_reject_ipv6 ipt_REJECT
nf_reject_ipv4 tun 8021q garp mrp devlink ip6table_filter ip6_tables iptable_filter bonding
ehtable_filter ebt_among ebtables sunrpc iTCO_wdt iTCO_vendor_support sb_edac
intel_powerclamp coretemp intel_rapl iosf_mbi kvm_intel kvm irqbypass crc32_pclmul
ghash_clmulni_intel aesni_intel lrw gf128mul glue_helper ablk_helper cryptd pcspkr ipc_ich
i2c_i801 joydev mei_me sg mei ioatdma wmi ipmi_si ipmi_devintf ipmi_msghandler acpi_pad
acpi_power_meter ip_vs nf_contrack libcrc32c br_netfilter veth overlay ip6_vzprivnet
ip6_vznetstat ip_vznetstat ip_vzprivnet vziolimit
[Wed Jul 22 02:02:06 2020] vzevent vzlist vzstat vznetstat vznetdev vzmon vzdev bridge stp llc
ip_tables ext4 mbcache jbd2 sd_mod crc_t10dif crct10dif_generic ast drm_kms_helper
syscopyarea sysfillrect sysimgblt fb_sys_fops ttm drm ahci libahci igb libata crct10dif_pclmul
crct10dif_common crc32c_intel megaraid_sas ptp pps_core dca i2c_algo_bit
drm_panel_orientation_quirks nfit libnvdimm dm_mirror dm_region_hash dm_log dm_mod
pio_kaio pio_nfs pio_direct pfmt_raw pfmt_ploop1 ploop
[Wed Jul 22 02:02:06 2020] CPU: 25 PID: 567333 Comm: e4defrag2 ve: 0 Kdump: loaded Not
tainted 3.10.0-1127.8.2.vz7.151.14 #1 151.14
[Wed Jul 22 02:02:06 2020] Hardware name: Supermicro Super Server/X10DRL-i, BIOS 3.1
06/07/2018
[Wed Jul 22 02:02:06 2020] Call Trace:
[Wed Jul 22 02:02:06 2020] [] dump_stack+0x19/0x1b
[Wed Jul 22 02:02:06 2020] [] __warn+0xd8/0x100
[Wed Jul 22 02:02:06 2020] [] warn_slowpath_null+0x1d/0x20
```

[Wed Jul 22 02:02:06 2020] [<ffffffc042a382>] \_\_ext4\_handle\_dirty\_metadata+0x1c2/0x220 [ext4]  
[Wed Jul 22 02:02:06 2020] [<ffffffc04224b4>] ext4\_ext\_split+0x304/0x9a0 [ext4]  
[Wed Jul 22 02:02:06 2020] [<ffffffc042436d>] ext4\_ext\_insert\_extent+0x7bd/0x8d0 [ext4]  
[Wed Jul 22 02:02:06 2020] [<ffffffc042700f>] ext4\_ext\_map\_blocks+0x5cf/0xfc0 [ext4]  
[Wed Jul 22 02:02:06 2020] [<ffffffc03f3ae6>] ext4\_map\_blocks+0x136/0x6b0 [ext4]  
[Wed Jul 22 02:02:06 2020] [<ffffffc0421ecc>] ? ext4\_alloc\_file\_blocks.isra.37+0xbc/0x300 [ext4]  
[Wed Jul 22 02:02:06 2020] [<ffffffc0421eef>] ext4\_alloc\_file\_blocks.isra.37+0xdf/0x300 [ext4]  
[Wed Jul 22 02:02:06 2020] [<ffffffc0428c9d>] ext4\_fallocate+0x15d/0x9b0 [ext4]  
[Wed Jul 22 02:02:06 2020] [<ffffff87c72428>] ? \_\_sb\_start\_write+0x58/0x120  
[Wed Jul 22 02:02:06 2020] [<ffffff87c6c612>] vfs\_fallocate+0x142/0x1e0  
[Wed Jul 22 02:02:06 2020] [<ffffff87c6d66b>] SyS\_fallocate+0x5b/0xa0  
[Wed Jul 22 02:02:06 2020] [<ffffff881c9fd2>] system\_call\_fastpath+0x25/0x2a  
[Wed Jul 22 02:02:06 2020] ---[ end trace 00dd6f1b1f749469 ]---  
[Wed Jul 22 02:02:06 2020] EXT4-fs: ext4\_ext\_split:1139: aborting transaction: error 28 in \_\_ext4\_handle\_dirty\_metadata  
[Wed Jul 22 02:02:06 2020] EXT4-fs error (device ploop43013p1): ext4\_ext\_split:1139: inode #407808: block 2308152: comm e4defrag2: journal\_dirty\_metadata failed: handle type 3 started at line 4741, credits 8/0, errcode -28  
[Wed Jul 22 02:02:06 2020] Aborting journal on device ploop43013p1-8.  
[Wed Jul 22 02:02:06 2020] EXT4-fs (ploop43013p1): Remounting filesystem read-only  
[Wed Jul 22 02:02:06 2020] EXT4-fs error (device ploop43013p1) in ext4\_free\_blocks:4933: Journal has aborted  
[Wed Jul 22 02:02:06 2020] EXT4-fs error (device ploop43013p1) in ext4\_free\_blocks:4933: Journal has aborted  
[Wed Jul 22 02:02:06 2020] EXT4-fs (ploop43013p1): ext4\_writepages: jbd2\_start: 1023 pages, ino 824451; err -30  
[Wed Jul 22 02:02:06 2020] EXT4-fs error (device ploop43013p1) in ext4\_reserve\_inode\_write:5358: Journal has aborted  
[Wed Jul 22 02:02:06 2020] EXT4-fs error (device ploop43013p1) in ext4\_alloc\_file\_blocks:4753: error 28  
[Thu Jul 23 02:03:43 2020] EXT4-fs (ploop43013p1): error count since last fsck: 5  
[Thu Jul 23 02:03:43 2020] EXT4-fs (ploop43013p1): initial error at time 1595376065: ext4\_ext\_split:1139: inode 407808: block 2308152  
[Thu Jul 23 02:03:43 2020] EXT4-fs (ploop43013p1): last error at time 1595376065: ext4\_alloc\_file\_blocks:4753: inode 407808: block 2308152