

LVM Oops

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-10/10154.html>

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Date: 10/31/04

Date: Sat, 30 Oct 2004 19:50:30 -0400

To: LVM general discussion and development <linux-lvm@redhat.com>, linux-kernel@vger.kernel.org

Hello!

Oops happened after several days of normal operation during snapshot.

Linux backup-db2 2.4.27 #1 SMP Fri Oct 22 05:22:55 EST 2004 i686 unknown
unknown GNU/Linux

Filesystem – reiserfs.

Logical Volume Manager 1.0.8

Heinz Mauelshagen, Sistina Software 17/11/2003 (IOP 10)

Unable to handle kernel NULL pointer dereference at virtual address 00000004
c02adbea

*pde = 126d9001

Oops: 0002

CPU: 0

EIP: 0010:[<c02adbea>] Not tainted

Using defaults from ksymoops -t elf32-i386 -a i386

EFLAGS: 00010202

eax: f8c3b4b0 ebx: fb20bde8 ecx: f89edc38 edx: 00000000

esi: 33dbdf00 edi: 00000001 ebp: 00000803 esp: c5bc3dac

ds: 0018 es: 0018 ss: 0018

Process kupdated (pid: 9, stackpage=c5bc3000)

Stack: 00000038 00000803 00000000 eae59400 f4ff7800 f4ff7970 00002000
c02aa5fa

c5bc3e00 c5bc3df8 33dbc580 f4ff7800 f73a9000 00000400 f77db240
eae59570

f73a9000 33dbc580 0002cdd0 33dbdf38 33dbdf38 08030803 00003a06
f2046d00

Call Trace: [<c02aa5fa>] [<c02aa727>] [<c022a4be>] [<c022a59e>]

[<c02b8d08>]

[<c013ebdc>] [<c013ece5>] [<c0142b48>] [<c0142e41>] [<c01072b6>]

[<c0142d50>]

[<c0105000>] [<c01057ae>] [<c0142d50>]

Code: 89 42 04 8b 03 89 48 04 89 01 89 59 04 89 0b 89 ca 90 8d 74

Linux-Kernel: LVM Oops

>>EIP; c02adbea <lvm_snapshot_remap_block+aa/100> <=====

Trace; c02aa5fa <lvm_map+36a/480>
Trace; c02aa727 <lvm_make_request_fn+17/30>
Trace; c022a4be <generic_make_request+be/140>
Trace; c022a59e <submit_bh+5e/130>
Trace; c02b8d08 <netif_receive_skb+188/1c0>
Trace; c013ebdc <write_locked_buffers+2c/40>
Trace; c013ece5 <write_some_buffers+f5/140>
Trace; c0142b48 <sync_old_buffers+78/b0>
Trace; c0142e41 <kupdate+f1/1c0>
Trace; c01072b6 <ret_from_fork+6/20>
Trace; c0142d50 <kupdate+0/1c0>
Trace; c0105000 <_stext+0/0>
Trace; c01057ae <arch_kernel_thread+2e/40>
Trace; c0142d50 <kupdate+0/1c0>

Code; c02adbea <lvm_snapshot_remap_block+aa/100>
00000000 <_EIP>:
Code; c02adbea <lvm_snapshot_remap_block+aa/100> <=====
0: 89 42 04 mov %eax,0x4(%edx) <=====
Code; c02adbed <lvm_snapshot_remap_block+ad/100>
3: 8b 03 mov (%ebx),%eax
Code; c02adbef <lvm_snapshot_remap_block+af/100>
5: 89 48 04 mov %ecx,0x4(%eax)
Code; c02adb2 <lvm_snapshot_remap_block+b2/100>
8: 89 01 mov %eax,(%ecx)
Code; c02adb4 <lvm_snapshot_remap_block+b4/100>
a: 89 59 04 mov %ebx,0x4(%ecx)
Code; c02adb7 <lvm_snapshot_remap_block+b7/100>
d: 89 0b mov %ecx,(%ebx)
Code; c02adb9 <lvm_snapshot_remap_block+b9/100>
f: 89 ca mov %ecx,%edx
Code; c02adbfb <lvm_snapshot_remap_block+bb/100>
11: 90 nop
Code; c02adbfc <lvm_snapshot_remap_block+bc/100>
12: 8d 74 00 00 lea 0x0(%eax,%eax,1),%esi

1 error issued. Results may not be reliable.

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