

# [BUG] USB Storage OOPS and a D state process in 2.6.10

*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-12/6357.html>

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*Date:* 12/31/04

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Date: Fri, 31 Dec 2004 14:44:44 +1100

Can easily reproduce this by plugging and unplugging an external USB DVD-RW a few times on my Athlon 64 desktop:

```
usb-storage: device scan complete
usb 1-2: USB disconnect, address 22
Unable to handle kernel paging request at 00000000044c8c6 RIP:
<fffffffa0108252>{:usb_storage:bus_reset+66}
PML4 331b9067 PGD 331ba067 PMD 331bb067 PTE 0
Oops: 0000 [1]
CPU 0
Modules linked in: radeon ipt_conntrack ip_conntrack nfsd exportfs lockd
autofs4 sunrpc iptable_filter ip_tables af_packet sr_mod dm_mod video button
ohci1394 ieee1394 usb_storage uhci_hcd ehci_hcd snd_via82xx snd_ac97_codec
snd_pcm_oss snd_mixer_oss snd_pcm snd_timer snd_page_alloc snd_mpu401_uart
snd_rawmidi snd_seq_device snd soundcore via_rhine mii r8169 crc32 floppy
unix ext3 mbcache jbd sata_via libata sd_mod scsi_mod
Pid: 8843, comm: scsi_eh_22 Not tainted 2.6.10
RIP: 0010:[<fffffffa0108252>] <fffffffa0108252>{:usb_storage:bus_reset+66}
RSP: 0018:000001002f9a7e68 EFLAGS: 00010246
RAX: 0000000000000000 RBX: 000001002f8ec200 RCX: 0000010037d6f670
RDX: 0000000000002003 RSI: 0000000000000000 RDI: 00000000044c68e
RBP: 00000000ffffff0 R08: 0000000000000000 R09: 0000000000000001
R10: 00000000ffffff R11: 0000000000000000 R12: 0000010037d6f670
R13: 0000010036acf400 R14: 000001002f6c4c20 R15: 0000000000000001
FS: 0000002a955792c0(0000) GS:ffffff803c9f00(0000) knlGS:0000000000000000
CS: 0010 DS: 0018 ES: 0018 CR0: 000000008005003b
CR2: 00000000044c8c6 CR3: 000000000101000 CR4: 00000000000006e0
Process scsi_eh_22 (pid: 8843, threadinfo 000001002f9a6000, task
00000100369f70f0)
Stack: 0000010037d6f640 0000010037d6f640 0000010037d6f670 ffffffffa0003c31
0000000000000282 0000000000000000 0000010037d6f640 ffffffffa000463b
ff000000ff000000 ff000000ff000000
Call Trace:<fffffffa0003c31>{:scsi_mod:scsi_try_bus_reset+113}
<fffffffa000463b>{:scsi_mod:scsi_error_handler+2251}
<ffffff8010ebf3>{child_rip+8}
```

## Linux-Kernel: [BUG] USB Storage OOPS and a D state process in 2.6.10

```
<fffffffa0003d70>{:scsi_mod:scsi_error_handler+0}  
<ffffff8010ebeb>{child_rip+0}
```

```
Code: 48 8b 87 38 02 00 00 80 78 04 01 75 31 48 8b 73 20 e8 e8 c8  
RIP <fffffffa0108252>{:usb_storage:bus_reset+66} RSP <000001002f9a7e68>  
CR2: 00000000044c8c6  
<6>agpart: Found an AGP 3.0 compliant device at 0000:00:00.0.
```

And a D state hald process:

```
Dec 31 13:52:09 desktop kernel: hald D 00000100376c3938 0 3677  
1 4600 2304 (NOTLB)  
Dec 31 13:52:09 desktop kernel: 00000100376c3898 0000000000000006  
000000732f5c80b8 000001003f7555d0  
Dec 31 13:52:09 desktop kernel: 00000000000000736 000001003fed2070  
0000010037d6f640 00000100368f8000  
Dec 31 13:52:09 desktop kernel: 000001002f5c80b8 00000100376c3938  
Dec 31 13:52:09 desktop kernel: Call  
Trace:<ffffff802c11eb>{wait_for_completion+139}  
<ffffff8012dc20>{default_wake_function+0}  
Dec 31 13:52:09 desktop kernel:  
<ffffff8012dc20>{default_wake_function+0}  
<fffffffa0004f7b>{:scsi_mod:scsi_wait_req+91}  
Dec 31 13:52:09 desktop kernel:  
<fffffffa0000038>{:scsi_mod:scsi_allocate_request+56}  
Dec 31 13:52:09 desktop kernel:  
<fffffffa018a33c>{:sr_mod:sr_do_ioctl+156}  
<fffffffa018a654>{:sr_mod:sr_audio_ioctl+372}  
Dec 31 13:52:09 desktop kernel:  
<fffffffa0004fac>{:scsi_mod:scsi_wait_req+140}  
<ffffff8023f71e>{cdrom_count_tracks+222}  
Dec 31 13:52:09 desktop kernel: <ffffff8023f9a0>{cdrom_open+448}  
<fffffffa00471f4>{:ext3:ext3_get_block_handle+228}  
Dec 31 13:52:09 desktop kernel: <ffffff8014ef4e>{find_get_page+14}  
<ffffff8016ce4c>{__find_get_block_slow+220}  
Dec 31 13:52:09 desktop kernel:  
<ffffff8016d519>{__find_get_block+377} <ffffff8016f87f>{__getblk+31}  
Dec 31 13:52:09 desktop kernel: <ffffff801af4ba>{avc_has_perm+90}  
<ffffff801af4ba>{avc_has_perm+90}  
Dec 31 13:52:09 desktop kernel: <ffffff801af4ba>{avc_has_perm+90}  
<ffffff801b02b4>{task_has_capability+100}  
Dec 31 13:52:09 desktop kernel: <ffffff801c2992>{kobject_get+18}  
<ffffff801c2992>{kobject_get+18}  
Dec 31 13:52:09 desktop kernel:  
<fffffffa0189730>{:sr_mod:sr_block_open+176} <ffffff8017286a>{do_open+170}  
Dec 31 13:52:09 desktop kernel: <ffffff80172c5f>{blkdev_open+47}  
<ffffff8016aa36>{dentry_open+230}  
Dec 31 13:52:09 desktop kernel: <ffffff8016ab7e>{filp_open+62}  
<ffffff8016abc7>{get_unused_fd+55}  
Dec 31 13:52:09 desktop kernel: <ffffff8016ad4c>{sys_open+76}  
<ffffff8010e1da>{system_call+126}
```

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Dec 31 13:52:09 desktop kernel:

Thanks  
Hari.

PS: I am not subscribed to LKML, so please cc me on replies.

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