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Subject: Problems mounting ext3 inside VPS

Posted by [Tellerdreher](#) on Tue, 03 Jan 2006 10:30:29 GMT

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Hi,

we have some troubles to mount ext3 partitions inside a VPS:  
Permissions are ok because mkfs.ext3 and fsck.ext3 work inside the VPS. But if we try a mount we get:

Quote:mount /dev/cciss/c0d1p3 /mnt

mount: wrong fs type, bad option, bad superblock on /dev/cciss/c0d1p3,  
missing codepage or other error

In some cases useful info is found in syslog - try  
dmesg | tail or so

an strace says:

Quote:mount("/dev/cciss/c0d1p3", "/mnt", "ext3",

MS\_POSIXACL|MS\_ACTIVE|MS\_NOUSER|0xec0000, 0) = -1 EINVAL (Invalid argument)

and dmesg in the HOST machine:

Quote:kernel\_thread call inside VE

```
[<c01043a4>] kernel_thread+0xc4/0xd0
[<c016e2f3>] __wait_on_buffer+0x93/0xb0
[<c016e100>] bh_wake_function+0x0/0x40
[<c0171a01>] submit_bh+0x51/0xf0
[<c016e100>] bh_wake_function+0x0/0x40
[<c01f6fe3>] journal_start_thread+0x23/0xd0
[<c01f6be0>] kjournald+0x0/0x3e0
[<c01f81a1>] journal_reset+0x71/0x90
[<c01f879c>] journal_load+0x6c/0xa0
[<c01ea700>] ext3_load_journal+0xc0/0x1a0
[<c01ea0aa>] ext3_fill_super+0xa2a/0xbe0
[<c0174409>] get_sb_bdev+0x129/0x160
[<c01eb400>] ext3_get_sb+0x30/0x34
[<c01e9680>] ext3_fill_super+0x0/0xbe0
[<c0174620>] do_kern_mount+0x40/0xd0
[<c018d09f>] do_new_mount+0xaf/0x100
[<c018d767>] do_mount+0x157/0x1b0
[<c014fa53>] __get_free_pages+0x33/0x40
[<c018d5a4>] copy_mount_options+0x74/0xe0
[<c018db89>] sys_mount+0xc9/0x140
[<c040b467>] syscall_call+0x7/0xb
```

JBD: recovery failed

EXT3-fs: error loading journal.

Mounting ext2 works without any problems inside the VPS.

Using 2.6.8-022stab050.1-smp

BTW mounting the partition inside the HOST works without any problems, too.

Any suggestions?

cheers,  
Tellerdreher

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