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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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Subject: Re: Problems mounting ext3 inside VPS

Posted by [kir](#) on Sat, 07 Jan 2006 12:15:09 GMT

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I have filed a bug into Bugzilla, see <http://bugzilla.openvz.org/84>

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