Subject: *SOLVED* Mounting EXT3, XFS from device granted to VE
Posted by smsprog on Tue, 31 Oct 2006 10:00:34 GMT
View Forum Message <> Reply to Message

I have problem with mounting of granted LVM volume with ext3 or xfs filesystem inside VE. With ext2 all is OK.
The stable OVZ kernel with XFS enabled is used.

// on VE while ext3 or xfs mounting
mount: wrong fs type, bad option, bad superblock on /dev/mapper/LVM-mail,
missing codepage or other error
In some cases useful info is found in syslog - try
dmesg | tail or so

// on HN while ext3
Oct 31 12:43:24 node kernel: kernel_thread call inside VE
Oct 31 12:43:24 node kernel: [<c01053d1>] kernel_thread+0xc1/0xd0
Oct 31 12:43:24 node kernel: [<c019de69>] __wait_on_buffer+0xa9/0xb0
Oct 31 12:43:24 node kernel: [<c019dc60>] bh_wake_function+0x0/0x40
Oct 31 12:43:24 node kernel: [<c019dc60>] bh_wake_function+0x0/0x40
Oct 31 12:43:24 node kernel: [<c02576c3>] journal_start_thread+0x23/0xc0
Oct 31 12:43:24 node kernel: [<c0256f60>] kjournald+0x0/0x740
Oct 31 12:43:24 node kernel: [<c0259218>] journal_init_inode+0x148/0x220
Oct 31 12:43:24 node kernel: [<c0259be1>] load_superblock+0x11/0x100
Oct 31 12:43:24 node kernel: [<c02593cf>] journal_reset+0xaf/0xc0
Oct 31 12:43:24 node kernel: [<c0259d11>] journal_load+0x41/0x90
Oct 31 12:43:24 node kernel: [<c0244984>] ext3_load_journal+0x154/0x1f0
Oct 31 12:43:24 node kernel: [<c0244150>] ext3_fill_super+0xac0/0xc40
Oct 31 12:43:24 node kernel: [<c01a72d0>] get_sb_bdev+0x120/0x180
Oct 31 12:43:24 node kernel: [<c01ca58c>] alloc_vfsmnt+0x9c/0xe0
Oct 31 12:43:24 node kernel: [<c0245720>] ext3_get_sb+0x30/0x34
Oct 31 12:43:24 node kernel: [<c0243690>] ext3_fill_super+0x0/0xc40
Oct 31 12:43:24 node kernel: [<c01a753c>] do_kern_mount+0x4c/0x100
Oct 31 12:43:24 node kernel: [<c01cc999>] do_new_mount+0xb9/0x120
Oct 31 12:43:24 node kernel: [<c01cd715>] do_mount+0x1c5/0x1f0
Oct 31 12:43:24 node kernel: [<c01cd4f3>] copy_mount_options+0x63/0xc0
Oct 31 12:43:24 node kernel: [<c01cdcc2>] sys_mount+0x102/0x250
Oct 31 12:43:24 node kernel: [<c060b1a3>] syscall_call+0x7/0xb
Oct 31 12:43:24 node kernel: JBD: recovery failed
Oct 31 12:43:24 node kernel: EXT3-fs: error loading journal

Subject: Re: Mounting EXT3, XFS from device granted to VE
Posted by Vasily Tarasov on Tue, 31 Oct 2006 10:39:30 GMT
View Forum Message <> Reply to Message

Hello!

ext3 can't be mounted in VE, 'cause it starts kernel thread, what is prohibited in VE. You can mount ext3 partition as ext2 and it will work.

xfs is not virtualized, so you can't use it in VE either.

You can use bind mounts to have access to these filesystems inside VE.

HTH,
Vasily.
