
Subject: Re: [PATCH] ext3: fix ext3_fill_super group description initialization
Posted by [Dmitry Monakhov](#) on Mon, 13 Aug 2007 09:24:51 GMT
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On 13:09 Mon 13 Aug , Dmitry Monakhov wrote:

> ->s_group_desc have to be zero filled because if sb_read() failed
> we jump to following error path.

> failed_mount2:

> for (i = 0; i < db_count; i++)

> brelse(sbi->s_group_desc[i]);<< Bad things may happen here

OOPs i'm sorry. I've lost db_count changing after sb_read() error,
so error path is ok, and this patch is not needed.

>

> Signed-off-by: Dmitry Monakhov <dmonakhov@openvz.org>

> ---

> fs/ext3/super.c | 2 +-
> fs/ext4/super.c | 2 +-
> 2 files changed, 2 insertions(+), 2 deletions(-)

> diff --git a/fs/ext3/super.c b/fs/ext3/super.c

> index f8ac18f..208738e 100644

> --- a/fs/ext3/super.c

> +++ b/fs/ext3/super.c

> @@ -1718,7 +1718,7 @@ static int ext3_fill_super (struct super_block *sb, void *data, int
silent)

> / EXT3_BLOCKS_PER_GROUP(sb)) + 1;

> db_count = (sbi->s_groups_count + EXT3_DESC_PER_BLOCK(sb) - 1) /

> EXT3_DESC_PER_BLOCK(sb);

> - sbi->s_group_desc = kmalloc(db_count * sizeof (struct buffer_head *),

> + sbi->s_group_desc = kzalloc(db_count * sizeof (struct buffer_head *),

> GFP_KERNEL);

> if (sbi->s_group_desc == NULL) {

> printk (KERN_ERR "EXT3-fs: not enough memory\n");

> diff --git a/fs/ext4/super.c b/fs/ext4/super.c

> index 8f1d2f6..fefffc0 100644

> --- a/fs/ext4/super.c

> +++ b/fs/ext4/super.c

> @@ -1830,7 +1830,7 @@ static int ext4_fill_super (struct super_block *sb, void *data, int
silent)

> sbi->s_groups_count = blocks_count;

> db_count = (sbi->s_groups_count + EXT4_DESC_PER_BLOCK(sb) - 1) /

> EXT4_DESC_PER_BLOCK(sb);

> - sbi->s_group_desc = kmalloc(db_count * sizeof (struct buffer_head *),

> + sbi->s_group_desc = kzalloc(db_count * sizeof (struct buffer_head *),

> GFP_KERNEL);

> if (sbi->s_group_desc == NULL) {

> printk (KERN_ERR "EXT4-fs: not enough memory\n");

> --

> 1.5.2.2

>

>

> -

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