
Subject: Re: [PATCH] ext3: wrong error behavior
Posted by [Eric Sandeen](#) on Tue, 05 Sep 2006 22:20:42 GMT
[View Forum Message](#) <> [Reply to Message](#)

Vasily Averin wrote:

> SWsoft Virtuozzo/OpenVZ Linux kernel team has discovered that ext3 error
> behavior was broken in linux kernels since 2.5.x versions by the following patch:
>
> 2002/10/31 02:15:26-05:00 tytso@snap.thunk.org
> Default mount options from superblock for ext2/3 filesystems
> <http://linux.bkbits.net:8080/linux-2.6/gnupatch@3dc0d88eKbV9ivV4ptRNM8fBuA3JBQ>
>
> In case ext3 file system is mounted with errors=continue (EXT3_ERRORS_CONTINUE)
> errors should be ignored when possible. However at present in case of any error
> kernel aborts journal and remounts filesystem to read-only. Such behavior was
> hit number of times and noted to differ from that of 2.4.x kernels.

I've also noticed this differing behavior,

<http://marc.theaimsgroup.com/?l=linux-ext4&m=115376966821953&w=2>

It passed w/o comment. :)

Unless Ted had a specific reason for changing the behavior, 2.4 and 2.6 should probably be brought into line. Calling `ext3_commit_super()` before the panic may defeat (some of) the purpose of the panic option, though, which is to preserve as much state as possible at the time of the error for later analysis...

-Eric
