
Subject: Re: Fuse O_DIRECT support in RHEL6 kernel

Posted by [zitseng](#) on Mon, 10 Mar 2014 08:53:28 GMT

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I forgot to add earlier that I have tested with the plain CentOS kernel 2.6.32-431.5.1.el6, and O_DIRECT works fine.

Anyway, I've figured out that the fuse module in the OpenVZ patch is not quite the same as the plain CentOS 2.6.32-431.5.1.el6. The O_DIRECT support is not enabled by default. Instead, one needs to give the `direct_enable` option to fuse to have the support enabled.

Then, alas, it still does not work. I didn't realise, ploop specifically requires ext4 (maybe ext2 and ext3 too?) or NFS. It will just not work with other FS.

Thought I'd share this in case anyone is looking into OpenVZ with containers in Ploop format stored on a Gluster mount.
