
Subject: Fuse O_DIRECT support in RHEL6 kernel
Posted by [zitseng](#) on Fri, 07 Mar 2014 06:05:11 GMT
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Hi there,

I'm trying to use Gluster to store OpenVZ containers. When the OpenVZ containers are configured to use Ploop, O_DIRECT is required to be supported by the underlying FS.

Now, I understand Fuse (and thus gluster-fuse) did not support O_DIRECT in the past. However, I notice that there is a patch to add O_DIRECT into fuse from 2.6.32-220.17.1.el6 kernel:

rpm.pbone.net/index.php3/stat/22/idpl/18082292/com/changelog.html

Using the latest testing OpenVZ kernel
(wiki.openvz.org/Download/kernel/rhel6-testing/042stab085.12), which is supposed to be rebased from 2.6.32-431.1.2.el6. I presume that the O_DIRECT support is there. However, I tested and found it not the case. Creating files with O_DIRECT on a gluster mounted volume will fail.

Any help with what might be wrong? Thanks.

Regards,

.lzs
