
Subject: Ploop error

Posted by [zgvtee1oqw](#) on Wed, 25 Sep 2013 00:08:49 GMT

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Hi,

Trying to figure out why Ploop fails to run properly on Proxmox (Debian based).

Installed version 1.9 of ploop and ploop-lib using alien from the RPM packages.

```
# uname -a
```

```
Linux openvz 2.6.32-24-pve #1 SMP Fri Sep 13 07:29:30 CEST 2013 x86_64 GNU/Linux
```

```
# mount |grep /mnt
```

```
/dev/mapper/openvz-openvz on /mnt type ext4 rw,relatime,barrier=1,nodelalloc,data=journal)
```

```
# lsmod |grep ploop
```

```
pfmt_ploop1          6384 0
```

```
ploop                112977 4 pfmt_ploop1,pfmt_raw,pio_direct,pio_nfs
```

```
# ploop init -s 10M -t ext4 /mnt/test.img
```

```
Creating delta /mnt/test.img bs=2048 size=20480 sectors v1
```

```
Error in create_empty_delta (ploop.c:339): Can't open /mnt/test.img: Invalid argument
```

```
# strace ploop init -s 10M -t ext4 /mnt/test.img
```

```
...
...
stat("/mnt/test.img", 0x7fff955cc590) = -1 ENOENT (No such file or directory)
stat("/mnt/DiskDescriptor.xml", 0x7fff955cc590) = -1 ENOENT (No such file or directory)
mmap(NULL, 1056768, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7fd53a5f8000
fstat(1, {st_mode=S_IFCHR|0600, st_rdev=makedev(136, 2), ...}) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) = 0x7fd53a70a000
write(1, "Creating delta /mnt/test.img bs=...", 59Creating delta /mnt/test.img bs=2048 size=20480 sectors v1) = 59
open("/mnt/test.img", O_RDWR|O_CREAT|O_EXCL|O_DIRECT, 0600) = -1 EINVAL (Invalid argument)
write(2, "Error in create_empty_delta (plo...", 86Error in create_empty_delta (ploop.c:339): Can't open /mnt/test.img: Invalid argument) = 86
munmap(0x7fd53a5f8000, 1056768) = 0
unlink("/mnt/test.img") = 0
exit_group(1)
```

Any ideas?

Subject: Re: Ploop error
Posted by [dr4g0nl0rd](#) on Wed, 25 Sep 2013 15:04:49 GMT
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Proxmox have not ploop support
visit the proxmox support forum.

Subject: Re: Ploop error
Posted by [zgvtee1oqw](#) on Wed, 25 Sep 2013 23:53:02 GMT
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dr4g0nl0rd wrote on Wed, 25 September 2013 11:04: Proxmox have not ploop support
visit the proxmox support forum.

Thanks for the reply dr4g0nl0rd.

I'm well aware that Proxmox doesn't support Ploop. However, since Proxmox uses OpenVZ kernel, kernel part is already there as you could see from my initial post. I should still be able to create Ploop image at least.

Any other suggestions?

Subject: Re: Ploop error
Posted by [zgvtee1oqw](#) on Fri, 27 Sep 2013 07:53:44 GMT
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It was "data=journal" on the ext4 mount option that was causing this error. Changing it to "data=ordered" works.

Can Ploop work without the use of O_DIRECT, so I can use data=journal again?
