
Subject: Re: Running DRBD inside a VE?
Posted by [dev](#) on Thu, 18 Jan 2007 10:13:06 GMT
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drbr_ioctl() requires CAP_SYS_ADMIN capability:

```
+ if (!capable(CAP_SYS_ADMIN)
+     && cmd != DRBD_IOCTL_GET_CONFIG
+     && cmd != DRBD_IOCTL_GET_VERSION) {
```

you can:

1. add this cap to VE (insecure).
2. replace this if() in the code with

```
+ if (!capable(CAP_SYS_ADMIN) && !capable(CAP_VE_SYS_ADMIN) &&
+     && cmd != DRBD_IOCTL_GET_CONFIG
+     && cmd != DRBD_IOCTL_GET_VERSION) {
```

Thanks,
Kirill

Lars Kellogg-Stedman wrote:

```
> Is it possible to run DRBD inside a VE? The drbdsetup command is
> getting EPERM when trying to execute an ioctl on a disk device:
>
> open("/dev/shared0", O_RDWR)      = 4
> fstat64(4, {st_mode=S_IFBLK|0644, st_rdev=makedev(253, 7), ...}) = 0
> open("/dev/shared0", O_RDWR)      = 5
> fstat64(5, {st_mode=S_IFBLK|0644, st_rdev=makedev(253, 7), ...}) = 0
> ioctl(3, 0x40204406, 0xbfeaacb0)  = -1 EPERM (Operation not permitted)
>
> (/dev/shared0 is actually an LVM block device. The VE has read/write
> permissions to this device, and I can successfully create a filesystem
> on and mount the device itself)
>
> Thanks,
>
> -- Lars
```