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Subject: device mapper inside VE

Posted by [jeanroch](#) on Tue, 11 Jan 2011 11:12:25 GMT

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hello,

I would like to encrypt an entire disk inside a VE with cryptsetup. But I didn't manage to use device mapper.

```
[root@sauvegarde ~]# dmsetup table /dev/vgr0/sauvegarde
/proc/devices: No entry for misc found
Is device-mapper driver missing from kernel?
/dev/mapper/control: open failed: Operation not permitted
Failure to communicate with kernel device-mapper driver.
Command failed
```

/proc/devices is empty and /dev/mapper/control is already present

```
[root@sauvegarde ~]# ll /dev/mapper/
total 0
crw-r----- 1 root root 10, 59 Jan 10 23:24 control
```

I have tried to give some capability, but without success,

```
[root@storalca1 ~]# tail -2 /etc/vz/conf/48101.conf
DEVNODES="vgr0/sauvegarde:rw "
CAPABILITY="SYS_MODULE:on MKNOD:on "
```

kernel 2.6.32.25 with patch dzhanibekov (device mapper and dm-crypt are compiled in the kernel)

vzquota 3.0.12

vzctl 3.0.25

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