

LVM and lilo and kernel 2.6.8

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Hi List!

I have a system running sarge with 2 SATA – disks configured with lvm. I installed kernel–image 2.6.8–1–686 and everything worked fine. But now I need to start my old kernel (2.4.27 that is), which still resides in my /boot – partition. My / is a partition on lvm, which works very well.

So I decided to change my lilo.conf and just write the new config into the mbr.

But when I change /etc/lilo.conf and type lilo –t I get:
Fatal: open /dev/hdc: No such device or address

So I had a look at my mounted partitions:

```
/dev/mapper/vg1–lv1 on / type xfs (rw)
proc on /proc type proc (rw)
sysfs on /sys type sysfs (rw)
devpts on /dev/pts type devpts (rw,gid=5,mode=620)
tmpfs on /dev/shm type tmpfs (rw)
/dev/mapper/vg1–lv2 on /domino type xfs (rw)
usbfs on /proc/bus/usb type usbfs (rw)
```

I decided to tell lilo to use /dev/mapper/vg1–lv1 as shown above by using –b, but all I get is the following:

```
lilo –t –b /dev/mapper/vg1–lv1
Ignoring entry 'boot'
Warning: '/proc/partitions' does not match '/dev' directory structure.
Name change: '/dev/dm–0' –> '/dev/fd/5'
Fatal: Filesystem would be destroyed by LILO boot sector:
/dev/mapper/vg1–lv1
```

therefor I tried:

```
lilo –t –b /dev/vg1/lv1
```

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with the following results...

Ignoring entry 'boot'

Warning: '/proc/partitions' does not match '/dev' directory structure.

Name change: '/dev/dm-0' -> '/dev/fd/5'

Fatal: Filesystem would be destroyed by LILO boot sector: /dev/vg1/lv1

my /proc/partitions says:

major minor #blocks name

```
8 0 78150744 sda
8 1 1951866 sda1
8 2 76196295 sda2
8 16 78150744 sdb
8 17 1951866 sdb1
8 18 76196295 sdb2
254 0 52428800 dm-0
254 1 41943040 dm-1
```

Which is quite strange, as I do not have any sdX – Devices. At least I did not have any as long as I used 2.4.27!

So isn't it possible to use lilo with 2.6.8 or what do I have to do to make it work correctly?

Thanks in advance!!!

Andy

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