

2.6.7 kernel panic

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2004-11/3794.html>

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To: <debian-user@lists.debian.org>

i compiled the 2.6.7 kernel from source using make-kpkg. when i boot i get this:

UDF-fs: No partition found (1)

Kernel panic: VFS: unable to mount root fs on unknown block(3,4)

/dev/hda4 is the root partition and has /boot on it as well. it's an ext3 partition. i have no UDF partitions to my knowledge.

kernel options that may have relevance that i set for 2.6.7 are:

```
CONFIG_EXT3_FS=y
CONFIG_BLK_DEV_IDE=y
CONFIG_BLK_DEV_IDEDISK=y
CONFIG_BLK_DEV_RAM=y
CONFIG_BLK_DEV_RAM_SIZE=16384
CONFIG_BLK_DEV_INITRD=y
CONFIG_BLK_DEV_IDEPCI=y
CONFIG_DEVFS_FS=y
```

worse, my old 2.4.18 kernel no longer works. i'm assuming this means that what i'm doing wrong is something trivial & stupid. my current lilo.conf is:

```
boot=/dev/hda
compact
lba32
timeout=200
prompt
```

```
# To use the new LILO boot menu, add the following
bitmap=/boot/debianlilo.bmp
bmp-table=109p,148p,1,7
bmp-colors=0,15,8,15,1,7
bmp-timer=514p,144p,0,15
```

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```
# don't think this is needed:  
#install=/boot/boot-bmp.b
```

```
map=/boot/map  
vga=normal  
delay=20  
default=Linux  
image=/vmlinuz  
    label = Linux  
# i've tried commenting out read-only, but to no avail  
    read-only  
    initrd=/initrd.img  
    root=/dev/hda4
```

```
image=/vmlinuz.old  
    label = "Linux 2.4"  
    read-only  
    append = "hdc=ide-scsi hdd=ide-scsi"  
    initrd=/initrd.img.old  
    root=/dev/hda4
```

```
other=/dev/hda1  
    label="Windows 98"
```

thanks in advance for any help,
macho

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