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**Subject:** Re: Kernel used with slackware?  
**Posted by** [penguin\\_2007](#) **on Sun, 14 Sep 2008 03:33:02 GMT**  
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Referring to given information  
Though it installed as follows  
Please teach the method of settlement where the problem occurs  
variously.

VFS: Cannot open root device "803" or unknown-block(8,3)  
Please append a correct "root=" boot option; here are the available partitions;  
Kernel panic - non syncing: VFS: Unable to mount root fs on unknown-block(8,3)

```
# lilo -v
Warning: LBA32 addressing assumed
Reading boot sector from /dev/sda
Using BITMAP secondary loader
Calling map_insert_data
Mapping bitmap file /boot/slack.bmp
Calling map_insert_file
```

Boot image: /boot/vmlinuz-huge-smp-2.6.24.5-smp  
Added Linux \*

Boot image: /boot/vmlinuz-2.6.24.8-union  
Added Linux-union

Boot image: /boot/vmlinuz-2.6.24-ovz  
Added Linux-ovz

Writing boot sector.  
/boot/boot.0800 exists - no boot sector backup copy made.  
One warning was issued.

```
# tar vjxf linux-2.6.24.tar.bz2
# cd linux-2.6.24
# gzip -dc patch-ovz005.1-combined.gz | patch -p1
# cp kernel-2.6.24-i686.config.ovz .config
# make oldconfig
# ln -sf linux-2.6.24 linux
# cd /usr/src/linux
# make
# make bzImage
# make modules
# make modules_install
# cp /usr/src/linux/arch/i386/boot/bzImage /boot/vmlinuz-2.6.24-ovz
```

```
# cp /usr/src/linux/System.map /boot/System.map-2.6.24-ovz
# ln -sf /boot/System.map-2.6.24-ovz /boot/System.map
# cp /usr/src/linux/.config /boot/config-2.6.24-ovz
# ln -sf /boot/config-2.6.24-ovz /boot/config
Edit of lilo
# lilo -L
# shutdown -r now
```

CPU : AMD Athlon(tm)64 Processor 35000+  
Memory : DDR 1GHz  
HDD : SATA 200G  
OS : Slackware 12.1  
.config : kernel-2.6.24-i686.config.ovz  
patch : patch-ovz005.1-combined.gz  
LILO : version 22.8

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