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Subject: OpenVZ on CentOS 4.2

Posted by [czaver1](#) on Fri, 17 Mar 2006 12:53:06 GMT

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On a fresh install of CentOS 4.2, I tried to install OpenVZ using three different methods and encountered failure in some way:

Method 1. Source RPM. This is the source rpm that I used:

`http://download.openvz.org/kernel/022stab070.1/ovzkernel-2.6.8-022stab070.1.src.rpm`  
Result: Some error regarding Intel Microcode on boot and that MAC address is not as expected, finally, on checking `/sbin/ifconfig` I noticed that the interface for which I receive the MAC address error was missing .... please see result of `dmesg` below.  
What I did exactly: Downloaded the above srpm and said `"rpmbuild --rebuild --target=i686 ovzkernel-2.6.8-022stab070.1.src.rpm"`. Then I went to RPMS directory and installed the rpm using `-ivh` flags. (I received a warning here about module `ata_piix`).

Method 2. RPM. This is the rpm that I used:

`http://download.openvz.org/kernel/022stab070.1/ovzkernel-2.6.8-022stab070.1.i686.rpm`  
Result: Same error as above.  
What I did exactly: Downloaded the above rpm and simply said `"rpm -ivh ovzkernel-2.6.8-022stab070.1.i686.rpm"`.  
(I received a warning here about module `ata_piix`).

Method 3: Patch. Patching the kernel:

Kernel:

`http://www.kernel.org/pub/linux/kernel/v2.6/linux-2.6.8.tar.bz2`

Patch:

`http://download.openvz.org/kernel/022stab070.1/patches/patch-022stab070-combined.gz`

Result: The vanilla kernel is bootable and fine. After patching, I get error in make step.

Compiled and installed the vanilla kernel first, using the following commands:

```
make mrproper
make xconfig
make
make modules_install
cp arch/i386/boot/bzImage /boot/vmlinuz-2.6.8
cp System.map /boot/System.map /boot/System.map-2.6.8
/sbin/mkinitrd /boot/initrd-2.6.8.img 2.6.8
gunzip patch-022stab070-combined.gz
patch -p1 <patch-022stab070-combined
make oldconfig
make
```

(I received error here)

the output of `dmesg` is in attached file.

Please let me know if further information is required.

It is a P4 CPU @ 3.0 GHz, 2 GB RAM and 2 SATA HDD each one 80 GB. The second hdd is under partition `/vz`.

Thank-you,

Sincerely,

Chintan Zaveri.

## File Attachments

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1) [results.of.dmesg](#), downloaded 503 times

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