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Subject: New Server - Kernel Won't Load

Posted by [rickhall](#) on Wed, 11 Feb 2009 18:03:35 GMT

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Greetings:

I am in the process of setting up a new OpenVZ install on a fresh CentOS 5 server.

I've tried using multiple kernel versions, but I can't seem to get any of them to make it to the initrd.

Current running kernel:

```
# uname -r
2.6.18-92.el5
```

```
# rpm -qa --queryformat "%{name} %{version} %{release} %{arch}\n" | grep kernel
kernel 2.6.18 92.el5 x86_64
ovzkernel-devel 2.6.18 53.1.6.el5.028stab053.6 i686
ovzkernel 2.6.18 92.1.18.el5.028stab060.2 i686
ovzkernel-xen 2.6.18 92.1.18.el5.028stab060.2 i686
ovzkernel-devel 2.6.18 92.1.18.el5.028stab060.2 i686
ovzkernel-xen-devel 2.6.18 92.1.18.el5.028stab060.2 i686
ovzkernel 2.6.18 53.1.6.el5.028stab053.6 i686
```

Here's what's inside my /etc/grub.conf file:

```
# grub.conf generated by anaconda
#
# Note that you do not have to rerun grub after making changes to this file
# NOTICE: You do not have a /boot partition. This means that
#         all kernel and initrd paths are relative to /, eg.
#         root (hd0,0)
#         kernel /boot/vmlinuz-version ro root=/dev/sda1
#         initrd /boot/initrd-version.img
#boot=/dev/sda
default=0
timeout=5
splashimage=(hd0,0)/boot/grub/splash.xpm.gz
hiddenmenu
title CentOS (2.6.18-92.1.18.el5.028stab060.2xen)
    root (hd0,0)
    kernel /boot/xen.gz-2.6.18-92.1.18.el5.028stab060.2
    module /boot/vmlinuz-2.6.18-92.1.18.el5.028stab060.2xen ro root=LABEL=/
    module /boot/initrd-2.6.18-92.1.18.el5.028stab060.2xen.img
title CentOS (2.6.18-92.1.18.el5.028stab060.2)
    root (hd0,0)
    kernel /boot/vmlinuz-2.6.18-92.1.18.el5.028stab060.2 ro root=LABEL=/'
```

```
initrd /boot/initrd-2.6.18-92.1.18.el5.028stab060.2.img
title CentOS (2.6.18-53.1.6.el5.028stab053.6)
    root (hd0,0)
    kernel /boot/vmlinuz-2.6.18-53.1.6.el5.028stab053.6 ro root=LABEL=/
    initrd /boot/initrd-2.6.18-53.1.6.el5.028stab053.6.img
title CentOS (2.6.18-92.el5)
    root (hd0,0)
    kernel /boot/vmlinuz-2.6.18-92.el5 ro root=LABEL=/
    initrd /boot/initrd-2.6.18-92.el5.img
```

Thank you so much for your help!

Rick

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