Subject: Please help
Posted by wyndryder on Sat, 24 Jun 2006 00:59:12 GMT
View Forum Message <> Reply to Message

Hi guys,

I can't seem to boot into the openvz kernel. I am using the Fedora Core 5 kernel

Here is my /boot/grub/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 have a /boot partition.  This means that
#          all kernel and initrd paths are relative to /boot/, eg.
#          root (hd0,0)
#          kernel /vmlinuz-version ro root=/dev/VolGroup00/LogVol00
#          initrd /initrd-version.img
#boot=/dev/hda
default=0
timeout=5
splashimage=(hd0,0)/grub/splash.xpm.gz
hiddenmenu
title OpenVZ (2.6.16-1.2111_FC5.026test012)
        root (hd0,0)
        kernel /vmlinuz-2.6.16-1.2111_FC5.026test012 ro root=/dev/VolGroup00/LogVol00
        initrd /initrd-2.6.16-1.2111_FC5.026test012.img
title Fedora Core (2.6.15-1.2054_FC5)
        root (hd0,0)
        kernel /vmlinuz-2.6.15-1.2054_FC5 ro root=/dev/VolGroup00/LogVol00
        initrd /initrd-2.6.15-1.2054_FC5.img
~
```

And below is my /etc/sysctl.conf file:

```
# On Hardware Node we generally need
# packet forwarding enabled and proxy arp disabled
net.ipv4.ip_forward = 1
net.ipv4.conf.default.proxy_arp = 0
# Enables source route verification
net.ipv4.conf.all.rp_filter = 1
# Enables the magic-sysrq key
kernel.sysrq = 1
# TCP Explict Congestion Notification
#net.ipv4.tcp_ecn = 0
# we do not want all our interfaces to send redirects
net.ipv4.conf.default.send_redirects = 1
net.ipv4.conf.all.send_redirects = 0
```

Thanks ahead of time for the help

Subject: Re: Please help
Posted by HaroldB on Sat, 24 Jun 2006 01:29:22 GMT
View Forum Message <> Reply to Message

What error do you receive when booting?

Harold

Subject: Re: Please help "Boot kernel problem"
Posted by devnu11 on Sat, 24 Jun 2006 02:17:12 GMT
View Forum Message <> Reply to Message

This is just a guess but I see you have the following commented out

Quote:#boot=/dev/hda

did you try with Quote:boot=/dev/hda

Just a guess as I don't have time to look at my grub.conf at the moment.

Good Luck!

Subject: Re: Please help
Posted by wyndryder on Sat, 24 Jun 2006 06:03:52 GMT
View Forum Message <> Reply to Message

It's a kernel panic: fatal exception

Subject: Re: Please help "Boot kernel problem"
Posted by wyndryder on Sat, 24 Jun 2006 06:27:54 GMT
View Forum Message <> Reply to Message

devnu11 wrote on Fri, 23 June 2006 22:17This is just a guess but I see you have the following commented out

Quote:#boot=/dev/hda

did you try with Quote:boot=/dev/hda

Just a guess as I don't have time to look at my grub.conf at the moment.

Good Luck!

Darn, I was hoping that would be it but it is not

Subject: Re: Please help
Posted by HaroldB on Sat, 24 Jun 2006 13:11:39 GMT
View Forum Message <> Reply to Message

Can you take a photograph of the monitor when it fails to boot? There is relevant information which you are failing to mention. Without further information I do not thing anyone here can help you.

Harold

Subject: Re: Please help "Boot kernel problem"
Posted by wyndryder on Sat, 24 Jun 2006 16:35:57 GMT
View Forum Message <> Reply to Message

That's a good idea. Here they are, thanks

Subject: Re: Please help
Posted by dev on Sun, 25 Jun 2006 07:25:54 GMT
View Forum Message <> Reply to Message

does latest 2.6.16-014 kernel work? or it fails to boot with the same problems?

Subject: Re: Please help
Posted by wyndryder on Sun, 25 Jun 2006 08:41:09 GMT
View Forum Message <> Reply to Message

Are you asking me? I haven't tried that kernel

Subject: Re: Please help
Posted by glenn on Sun, 25 Jun 2006 16:39:10 GMT
View Forum Message <> Reply to Message

Hi!

I had the same problem too. I solved it by using the dev kernel, instead of the Fedora Core 5 kernel.

See http://openvz.org/download/kernel/devel/

Subject: Re: Please help
Posted by wyndryder on Sun, 25 Jun 2006 19:24:19 GMT
View Forum Message <> Reply to Message

Is there a reason why you chose the dev kernel instead of the stable kernel?

Subject: Re: Please help
Posted by wyndryder on Sun, 25 Jun 2006 19:26:18 GMT
View Forum Message <> Reply to Message

Please forgive me for being a total newb, but i can't seem to find instructions on how to uninstall the current kernel. Could anyone be kind enough as to point out how?

Subject: Re: Please help
Posted by glenn on Mon, 26 Jun 2006 01:46:17 GMT
View Forum Message <> Reply to Message

No worries. I'm still learning too.

You do not really require to uninstall the kernel.

Just download the new development kernel RPM, rpm-ivh ovzkernel.rpm.

Edit /etc/grub/grub.conf and change the default=0 to reflect the new kernel. (Considering 0 is the first kernel in the config file)

Subject: Re: Please help
Posted by wyndryder on Mon, 26 Jun 2006 06:39:53 GMT

the dev kernel works for me as well. Guess I'll go with this one.

Thanks for the help

Subject: Re: Please help
Posted by glenn on Mon, 26 Jun 2006 06:52:04 GMT

No worries.

Not sure why though . Worked for me.

Do help me with my other post

Cheers!