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Subject: kernel Problem

Posted by [aoscentral](#) on Sat, 08 Nov 2008 11:35:54 GMT

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Hi , my openvz server kernel have problem

i removed that with rpm -e . so now when i install kernel get this error mesage :

```
[root@serverd608 dl]# rpm -ihv ovzkernel-PAE-2.6.18-92.1.13.el5.028stab059.3.i686.rpm
Preparing...      ##### [100%]
 1:ovzkernel-PAE  ##### [100%]
grubby fatal error: unable to find a suitable template
[root@serverd608 dl]#
[root@serverd608 dl]#
[root@serverd608 dl]# rpm -qa | grep kernel
kernel-2.6.18-53.el5
kernel-headers-2.6.18-92.1.17.el5
ovzkernel-PAE-2.6.18-92.1.13.el5.028stab059.3
```

so openvz boot menu config lines not added in grub.conf :

```
# 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/sda2
#          initrd /initrd-version.img
#boot=/dev/sda
timeout=5
splashimage=(hd0,0)/grub/splash.xpm.gz
hiddenmenu
title CentOS (2.6.18-53.el5)
    root (hd0,0)
    kernel /vmlinuz-2.6.18-53.el5 ro
    initrd /initrd-2.6.18-53.el5.img
```

where is the problem ?

thanks

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Subject: Re: kernel Problem  
Posted by [kir](#) on Sat, 08 Nov 2008 11:48:38 GMT  
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Could you try installing some CentOS kernel and see if you get the same error?

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Subject: Re: kernel Problem  
Posted by [aoscentral](#) on Sat, 08 Nov 2008 12:40:57 GMT  
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kir wrote on Sat, 08 November 2008 06:48: Could you try installing some CentOS kernel and see if you get the same error?

ovzkernel-PAE-2.6.18-92.1.13.el5.028stab059.3 kernel installed on my server and working good today, after restart server, centos could not be loaded from boot loader.

Datacenter Support: copied over kernel 2.6.18-53.el5 and boot server with this kernel.

now, I removed ovzkernel-PAE-2.6.18-92.1.13.el5.028stab059.3 kernel with `rpm -e` and when I reinstall this with `rpm` see that error messages!

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Subject: Re: kernel Problem  
Posted by [kir](#) on Sat, 08 Nov 2008 14:15:45 GMT  
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I doubt the problem is ovzkernel-specific/related. So

1. check if `grub` and `mkinitrd` are installed correctly:

```
rpm -V grub  
rpm -V mkinitrd
```

2. check if you get the same error from stock centos kernels, i.e. try to run `rpm -ihv` on some centos kernel (e.g. from centos updates).

---

Subject: Re: kernel Problem  
Posted by [aoscentral](#) on Sat, 08 Nov 2008 17:03:19 GMT  
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Hi, ThanQ

```
[root@serverd608 ~]# rpm -V grub
```

```
[root@serverd608 ~]# rpm -V mkinitrd
```

```
[root@serverd608 ~]# yum install grub
Loading "fastestmirror" plugin
Loading mirror speeds from cached hostfile
* lxlabsupdate: download.lxlabs.com
* lxlabslxupdate: download.lxlabs.com
* base: mirrors.serveraxis.net
* openvz-kernel-rhel5: download.openvz.org
* updates: centos.mirrors.tds.net
* addons: yum.singlehop.com
* openvz-utils: download.openvz.org
* extras: yum.singlehop.com
Setting up Install Process
Parsing package install arguments
Package grub - 0.97-13.2.i386 is already installed.
Nothing to do
```

and

```
[root@serverd608 ~]# yum install mkinitrd
Loading "fastestmirror" plugin
Loading mirror speeds from cached hostfile
* lxlabsupdate: download.lxlabs.com
* lxlabslxupdate: download.lxlabs.com
* base: mirrors.serveraxis.net
* openvz-kernel-rhel5: download.openvz.org
* updates: centos.mirrors.tds.net
* addons: yum.singlehop.com
* openvz-utils: download.openvz.org
* extras: yum.singlehop.com
Setting up Install Process
Parsing package install arguments
Package mkinitrd - 5.1.19.6-28.i386 is already installed.
Nothing to do
```

what should i do now ?

kir wrote on Sat, 08 November 2008 09:15| doubt the problem is ovzkernel-specific/related. So

1. check if grub and mkinitrd are installed correctly:

```
rpm -V grub
rpm -V mkinitrd
```

2. check if you get the same error from stock centos kernels, i.e. try to run rpm -ihv on some

centos kernel (e.g. from centos updates).

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Subject: Re: kernel Problem  
Posted by [kir](#) on Sat, 08 Nov 2008 17:18:50 GMT  
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check if you get the same error from stock centos kernels, i.e. try to run rpm -ihv on some centos kernel (e.g. from centos updates).

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Subject: Re: kernel Problem  
Posted by [aoscentral](#) on Sat, 08 Nov 2008 17:34:05 GMT  
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other kernels installed success !

kir wrote on Sat, 08 November 2008 12:18check if you get the same error from stock centos kernels, i.e. try to run rpm -ihv on some centos kernel (e.g. from centos updates).

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Subject: Re: kernel Problem  
Posted by [kir](#) on Sat, 08 Nov 2008 18:09:12 GMT  
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aoscentral wrote on Sat, 08 November 2008 20:34other kernels installed success!

Have you tried it *\*after\** you saw the fail with ovzkernel?

Can I see how your /etc/boot/grub.conf looks like now?

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Subject: Re: kernel Problem  
Posted by [aoscentral](#) on Sat, 08 Nov 2008 18:15:34 GMT  
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1- yes

2- [root@serverd608 root]# cat /etc/boot/grub.conf  
cat: /etc/boot/grub.conf: No such file or directory

kir wrote on Sat, 08 November 2008 13:09aoscentral wrote on Sat, 08 November 2008 20:34other

---

kernels installed success!

Have you tried it \*after\* you saw the fail with ovzkernel?

Can I see how your /etc/boot/grub.conf looks like now?

---

Subject: Re: kernel Problem  
Posted by [aoscentral](#) on Sat, 08 Nov 2008 18:40:28 GMT  
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---

hi , sorry

when i install some of kernels see this erro message !!!!!

```
[root@serverd608 root]# rpm -ihv kernel-PAE-2.6.24-ovz006.4.i686.rpm
Preparing...          ##### [100%]
 1:kernel-PAE        ##### [100%]
grubby fatal error: unable to find a suitable template
```

aoscentral wrote on Sat, 08 November 2008 13:151- yes

```
2- [root@serverd608 root]# cat /etc/boot/grub.conf
cat: /etc/boot/grub.conf: No such file or directory
```

kir wrote on Sat, 08 November 2008 13:09aoscentral wrote on Sat, 08 November 2008 20:34other kernels installed success!

Have you tried it \*after\* you saw the fail with ovzkernel?

Can I see how your /etc/boot/grub.conf looks like now?

---

Subject: Re: kernel Problem  
Posted by [kir](#) on Sat, 08 Nov 2008 19:17:34 GMT  
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---

See, this is why I asked you about it in the first place. The problem is not OpenVZ-specific.

I do want to help but I don't know the details of how grubby works. I recommend you to ask on

some CentOS forum (and maybe post the solution here).

---

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Subject: Re: kernel Problem

Posted by [aoscentral](#) on Sat, 08 Nov 2008 19:19:52 GMT

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Ok

kir wrote on Sat, 08 November 2008 14:17: See, this is why I asked you about it in the first place. The problem is not OpenVZ-specific.

I do want to help but I don't know the details of how grubby works. I recommend you to ask on some CentOS forum (and maybe post the solution here).

---

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Subject: Re: kernel Problem

Posted by [aoscentral](#) on Sat, 08 Nov 2008 22:57:41 GMT

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Hi , Reloaded my server os and kernel problem solved . now for use apf on vpses , i changed config by this kb : <http://kb.parallels.com/en/875>

after add lines in iptables-config and vz . see this error messages when restart vz :

```
[root@serverd608 /]# service vz restart
: command not foundne 6:
: command not foundne 12:
: command not foundne 16:
: command not foundne 20:
: command not foundne 23:
: command not foundne 26:
: command not foundne 32:
: command not foundne 35:
: command not foundne 39:
: command not foundne 42:
Bringing down interface venet0:          [ OK ]
Stopping OpenVZ:                          [ OK ]
/etc/init.d/vz: line 200: echo: write error: Broken pipe
/etc/init.d/vz: line 200: echo: write error: Broken pipe
/etc/init.d/vz: line 200: echo: write error: Broken pipe
/etc/init.d/vz: line 200: echo: write error: Broken pipe
/etc/init.d/vz: line 200: echo: write error: Broken pipe
Starting OpenVZ:                          [ OK ]
Bringing up interface venet0:            [ OK ]
```

```
Configuring interface venet0:           [ OK ]  
failed: Bad parameter for --cpuunits: 1000 [FAILED]  
[root@serverd608 /]#
```

where is the problem ?

kir wrote on Sat, 08 November 2008 14:17: See, this is why I asked you about it in the first place. The problem is not OpenVZ-specific.

I do want to help but I don't know the details of how grubby works. I recommend you to ask on some CentOS forum (and maybe post the solution here).

---

Subject: Re: kernel Problem  
Posted by [kir](#) on Sat, 08 Nov 2008 23:38:37 GMT  
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Weird. Please provide the output of

```
rpm -q vzctl  
rpm -V vzctl  
cat /etc/*release
```

```
sh -x /etc/init.d/vz restart (this one will be long)
```

---

Subject: Re: kernel Problem  
Posted by [aoscentral](#) on Sun, 09 Nov 2008 00:46:17 GMT  
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hi ,

```
[root@serverd608 /]# rpm -q vzctl  
vzctl-3.0.22-1  
[root@serverd608 /]# rpm -V vzctl  
SM5....T c /etc/sysconfig/vz  
S.5....T c /etc/sysconfig/vz-scripts/ve-vps.basic.conf-sample  
S.5....T c /etc/vz/vz.conf  
[root@serverd608 /]# cat /etc/*release  
CentOS release 5.2 (Final)  
[root@serverd608 /]# sh -x /etc/init.d/vz restart
```

### ATTACHED IN TXT FILE ###

thanks

kir wrote on Sat, 08 November 2008 18:38 Weird. Please provide the output of

```
rpm -q vzctl
rpm -V vzctl
cat /etc/*release
```

```
sh -x /etc/init.d/vz restart (this one will be long)
```

---

## File Attachments

1) [txt.txt.txt](#), downloaded 591 times

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Subject: Re: kernel Problem

Posted by [kir](#) on Sun, 09 Nov 2008 02:42:18 GMT

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---

Thanks. It looks like you were editing /etc/vz/vz.conf with some Windoze text editor. Don't do that since it inserts extra characters ("\r").

For now, try this to fix the file:

```
cat /etc/vz/vz.conf | tr -d '\r' > vz.conf.new && mv vz.conf.new /etc/vz/vz.conf
```

Then rerun /etc/init.d/vz restart and see if the above fix helped. If not, attach your /etc/vz/vz.conf here.

---

---

Subject: Re: kernel Problem

Posted by [aoscentral](#) on Sun, 09 Nov 2008 03:12:16 GMT

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---

HI , ( : command not foundne errors ) solved !

```
[root@serverd608 ~]# cat /etc/vz/vz.conf | tr -d '\r' > vz.conf.new && mv vz.conf.new
/etc/vz/vz.conf
mv: overwrite `/etc/vz/vz.conf'? y
```

```
[root@serverd608 ~]# /etc/init.d/vz restart
Shutting down VE 110
Bringing down interface venet0:          [ OK ]
Stopping OpenVZ:                          [ OK ]
/etc/init.d/vz: line 200: echo: write error: Broken pipe
/etc/init.d/vz: line 200: echo: write error: Broken pipe
```

```
/etc/init.d/vz: line 200: echo: write error: Broken pipe
/etc/init.d/vz: line 200: echo: write error: Broken pipe
/etc/init.d/vz: line 200: echo: write error: Broken pipe
Starting OpenVZ:                [ OK ]
Bringing up interface venet0:   [ OK ]
Configuring interface venet0:   [ OK ]
Starting VE 110:                [ OK ]
[root@serverd608 ~]#
```

### /etc/vz/vz.conf Attached ###

Thanks

kir wrote on Sat, 08 November 2008 21:42 Thanks. It looks like you were editing /etc/vz/vz.conf with some Windoze text editor. Don't do that since it inserts extra characters ("r").

For now, try this to fix the file:

```
cat /etc/vz/vz.conf | tr -d '\r' > vz.conf.new && mv vz.conf.new /etc/vz/vz.conf
```

Then rerun /etc/init.d/vz restart and see if the above fix helped. If not, attach your /etc/vz/vz.conf here.

## File Attachments

1) [vz.txt.txt](#), downloaded 514 times

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Subject: Re: kernel Problem

Posted by [kir](#) on Sun, 09 Nov 2008 03:49:13 GMT

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---

You're all set. The error you get ("/etc/init.d/vz: line 200: echo: write error: Broken pipe") is actually not an error but some harmless warning, which is fixed by the following patch:

<http://git.openvz.org/?p=vzctl;a=commitdiff;h=79f91681e87b352a7511f52283105295c6e3a258>

You can either safely ignore it or apply the patch.

---

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Subject: Re: kernel Problem

Posted by [aoscentral](#) on Sun, 09 Nov 2008 03:58:16 GMT

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Thank You Kir

have Nice day

kir wrote on Sat, 08 November 2008 22:49 You're all set. The error you get ("/etc/init.d/vz: line 200: echo: write error: Broken pipe") is actually not an error but some harmless warning, which is fixed by the following patch:

<http://git.openvz.org/?p=vzctl;a=commitdiff;h=79f91681e87b352a7511f52283105295c6e3a258>

You can either safely ignore it or apply the patch.

---