Subject: openvz not working - Unable to open /dev/vzctl
Posted by Rick C on Mon, 20 Aug 2007 16:50:23 GMT
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Hi there,
I am running openvz with hypervm and it was working fine, but now none of my vm`s are not working i can not access them, when i go to thier ip address`s i just get the servers root apache page.
I tried to start the vms via hypervm control panel but i get this error?

Failed to get Status from localhost. Server said:
no_kernel_support_for_openvz_check_if_right_kernel
()

i have checked /etc/grub.conf and its set to default=0

also if i try to connect to the server via command access in hyper vm i get this error!

Unable to open /dev/vzctl: No such file or directory
Please check that vzdev kernel module is loaded and you have sufficient permissions to ac
cess the file.
I recon its a problem with openvz

any ideas please? It was fully working, i had 2 vps servers running one with cpanel and had sites resloved to it and another with centos base install on it? all working perfect.
kind regards,
Rick

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by locutius on Mon, 20 Aug 2007 16:59:04 GMT
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uname -a

will tell you what kernel you have loaded

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by Rick C on Mon, 20 Aug 2007 17:02:05 GMT
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2.6.18-8.1.8.el5 #1 SMP Tue Jul 10 06:50:22 EDT 2 007 i686 i686 i386 GNU/Linux

what do you make of it? is it the right one?
thanks for your reply

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by locutius on Mon, 20 Aug 2007 17:13:57 GMT
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that is not an OpenVZ kernel. a VZ kernel will look like something like this (the latest):

2.6.18-8.1.8.el5.028stab039.1PAE

you are looking for the .028stab039.1PAE signifying the VZ kernel. edit your grub file and comment out all the other kernals with a #

but before you do that consider first what might have happened to cause your situation

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by Rick C on Mon, 20 Aug 2007 17:19:28 GMT
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grub.conf looks like this

```
#boot=/dev/sda
default=0
timeout=5
splashimage=(hd0,0)/grub/splash.xpm.gz
hiddenmenu
title CentOS (2.6.18-8.1.8.el5)
        root (hd0,0)
        kernel /vmlinuz-2.6.18-8.1.8.el5 ro root=LABEL=/
        initrd /initrd-2.6.18-8.1.8.el5.img
title CentOS (2.6.18-8.1.8.el5.028stab039.1)
        root (hd0,0)
        kernel /vmlinuz-2.6.18-8.1.8.el5.028stab039.1 ro root=LABEL=/
        initrd /initrd-2.6.18-8.1.8.el5.028stab039.1.img
title CentOS (2.6.18-8.el5)
        root (hd0,0)
        kernel /vmlinuz-2.6.18-8.el5 ro root=LABEL=/
        initrd /initrd-2.6.18-8.el5.img
```

so needs to be

```
#boot=/dev/sda
default=0
timeout=5
splashimage=(hd0,0)/grub/splash.xpm.gz
hiddenmenu
#title CentOS (2.6.18-8.1.8.el5)
        root (hd0,0)
```

```
        kernel /vmlinuz-2.6.18-8.1.8.el5 ro root=LABEL=/
        initrd /initrd-2.6.18-8.1.8.el5.img
title CentOS (2.6.18-8.1.8.el5.028stab039.1)
        root (hd0,0)
        kernel /vmlinuz-2.6.18-8.1.8.el5.028stab039.1 ro root=LABEL=/
        initrd /initrd-2.6.18-8.1.8.el5.028stab039.1.img
#title CentOS (2.6.18-8.el5)
        root (hd0,0)
        kernel /vmlinuz-2.6.18-8.el5 ro root=LABEL=/
        initrd /initrd-2.6.18-8.el5.img
```

is that right? sorry am new to Vz

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by locutius on Mon, 20 Aug 2007 17:24:28 GMT
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edit your grub to look like this:

```
#boot=/dev/sda
default=1
timeout=5
#splashimage=(hd0,0)/grub/splash.xpm.gz
#hiddenmenu
#title CentOS (2.6.18-8.1.8.el5)
#root (hd0,0)
#kernel /vmlinuz-2.6.18-8.1.8.el5 ro root=LABEL=/
#initrd /initrd-2.6.18-8.1.8.el5.img
title OpenVZ CentOS (2.6.18-8.1.8.el5.028stab039.1)
root (hd0,0)
kernel /vmlinuz-2.6.18-8.1.8.el5.028stab039.1 ro root=LABEL=/
initrd /initrd-2.6.18-8.1.8.el5.028stab039.1.img
#title CentOS (2.6.18-8.el5)
#root (hd0,0)
#kernel /vmlinuz-2.6.18-8.el5 ro root=LABEL=/
#initrd /initrd-2.6.18-8.el5.img
```

notice i also changed the title of the kernel adding "OpenVZ"

remember to leave 1 x blank line at the end of the file

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by Rick C on Mon, 20 Aug 2007 19:59:59 GMT

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excellent thanks that worked, need to figure out now why i cant get to the vps servers!

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by locutius on Mon, 20 Aug 2007 20:12:31 GMT
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vzlist -a

are they started?

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by Rick C on Mon, 20 Aug 2007 20:24:03 GMT
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yes says they are running, but cant get to cpanel on one that was running and when you ssh to them you get the root server by the ip?
thanks for the help

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by Rick C on Mon, 20 Aug 2007 21:55:07 GMT
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deleted vms and recreated all ok, thanks for your help

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by formatyk on Fri, 22 Jun 2012 19:12:22 GMT
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This is my grub configuration
does not work
Please help

```
      default=1
       timeout=5


       title OpenVZ CentOS (2.6.18-308.el5.028stab099.3)
       kernel /boot/vmlinuz-2.6.18-308.el5.028stab099.3 root=/dev/sda1  ro sysfs.deprecated=1
selinux=0
       root (hd0,0)
       initrd /boot/initrd-2.6.18-308.el5.028stab099.3.img
```

#title OpenVZ (2.6.18-274.18.1.el5.028stab098.1)
#kernel /boot/vmlinuz-2.6.18-274.18.1.el5.028stab098.1 root=/dev/sda1 ro sysfs.deprecated=1 selinux=0
#root (hd0,0)
#initrd /boot/initrd-2.6.18-274.18.1.el5.028stab098.1.img
#title OpenVZ (2.6.18-274.7.1.el5.028stab095.1)
#kernel /boot/vmlinuz-2.6.18-274.7.1.el5.028stab095.1 root=/dev/sda1 ro sysfs.deprecated=1 selinux=0
#root (hd0,0)
#initrd /boot/initrd-2.6.18-274.7.1.el5.028stab095.1.img
#title OpenVZ (2.6.18-274.3.1.el5.028stab094.3)
#kernel /boot/vmlinuz-2.6.18-274.3.1.el5.028stab094.3 root=/dev/sda1 ro sysfs.deprecated=1 selinux=0
#root (hd0,0)
#initrd /boot/initrd-2.6.18-274.3.1.el5.028stab094.3.img
#title CentOS (2.6.32-042stab039.2)
#kernel /boot/vmlinuz-2.6.32-042stab039.2 root=/dev/sda1 ro sysfs.deprecated=1
#root (hd0,0)
#initrd /boot/initrd-2.6.32-042stab039.2.img
#title linux centos5_64
#kernel /boot/bzImage-2.6.38.2-xxxx-grs-ipv6-64 root=/dev/sda1 ro
#root (hd0,0)

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by Ales on Sat, 23 Jun 2012 03:28:55 GMT
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Should be default=0 not default=1.

Subject: Re: openvz not working - Unable to open /dev/vzctl
Posted by formatyk on Sat, 23 Jun 2012 04:00:17 GMT
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not working .

default=0
timeout=1

title OpenVZ (2.6.18-308.el5.028stab099.3)
root (hd0,0)
kernel /boot/vmlinuz-2.6.18-308.el5.028stab099.3 root=/dev/sda1
initrd /boot/initrd-2.6.18-308.el5.028stab099.3.img

#title OpenVZ (2.6.18-274.18.1.el5.028stab098.1)
#kernel /boot/vmlinuz-2.6.18-274.18.1.el5.028stab098.1 root=/dev/sda1 ro sysfs.deprecated=1 selinux=0
#root (hd0,0)
#initrd /boot/initrd-2.6.18-274.18.1.el5.028stab098.1.img
#title OpenVZ (2.6.18-274.7.1.el5.028stab095.1)
#kernel /boot/vmlinuz-2.6.18-274.7.1.el5.028stab095.1 root=/dev/sda1 ro sysfs.deprecated=1 selinux=0
#root (hd0,0)
#initrd /boot/initrd-2.6.18-274.7.1.el5.028stab095.1.img
#title OpenVZ (2.6.18-274.3.1.el5.028stab094.3)
#kernel /boot/vmlinuz-2.6.18-274.3.1.el5.028stab094.3 root=/dev/sda1 ro sysfs.deprecated=1 selinux=0
#root (hd0,0)
#initrd /boot/initrd-2.6.18-274.3.1.el5.028stab094.3.img
#title CentOS (2.6.32-042stab039.2)
#kernel /boot/vmlinuz-2.6.32-042stab039.2 root=/dev/sda1 ro sysfs.deprecated=1
#root (hd0,0)
#initrd /boot/initrd-2.6.32-042stab039.2.img
#title linux centos5_64
#kernel /boot/bzImage-2.6.38.2-xxxx-grs-ipv6-64 root=/dev/sda1 ro
#root (hd0,0)