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Subject: Fwd: boot error - unable to mount root fs on unknown-block(0, 0)

Posted by [Ian Johnson](#) on Thu, 18 Oct 2007 06:19:00 GMT

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----- Forwarded message -----

From: Ian Johnson <[johnson.ian@gmail.com](mailto:johnson.ian@gmail.com)>

Date: Oct 18, 2007 2:17 PM

Subject: Re: [Users] boot error - unable to mount root fs on unknown-block(0, 0)

To: [frankb@frankb.us](mailto:frankb@frankb.us)

Thank you very much!

I have created my own VE, however how can I login VE by ssh? I used the IP setting described in [http://wiki.openvz.org/Installation\\_on\\_Debian](http://wiki.openvz.org/Installation_on_Debian).

Thanks again,

Ian

On 10/17/07, E Frank Ball III <[frankb@frankb.us](mailto:frankb@frankb.us)> wrote:

> On Wed, Oct 17, 2007 at 12:20:01PM +0800, Ian Johnson wrote:

> > > Where can I get the pre-built kernel image?

> > >

> > > <http://download.openvz.org/debian/dists/etch/main/binary-i386/base/>

> > >

> > > In your sources list add:

> > >

> > > deb <http://download.openvz.org/debian> etch main

> > >

> >

> > I added the line in source.list, but apt-cache search said it can not

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> "apt-cache search linux-image-2.6.18-openvz" shows the openvz kernels

> for me.

>

>

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> > know how to use it after download the image file.

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>  
>  
> --  
>  
> E Frank Ball                frankb@frankb.us  
>

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Subject: Re: Fwd: boot error - unable to mount root fs on unknown-block(0, 0)  
Posted by [dev](#) on Thu, 18 Oct 2007 08:35:00 GMT  
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---

Ian,

just like to any other usual machine using  
ssh from your workstation.

1. assign IP address to some VE using  
ve0# vzctl set <VEID> --ipadd <VEIP> --save

2. just in case, check that VE is pingable from your workstation:  
ws# ping <VEIP>

3. just in case, check that VE is running sshd service:  
ve0# vzctl exec <VEID> ps axf | grep sshd

if it is not running sshd then enter to VE using vzctl enter command  
and install/start sshd service.

4. don't forget to set root user password  
ve0: vzctl set <VEID> --userpasswd root:mypassword

5. now you can login to VE as to usual machine using it's IP

Kirill

Ian jonhson wrote:

> ----- Forwarded message -----  
> From: Ian jonhson <jonhson.ian@gmail.com>  
> Date: Oct 18, 2007 2:17 PM  
> Subject: Re: [Users] boot error - unable to mount root fs on unknown-block(0, 0)  
> To: frankb@frankb.us

>  
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>> E Frank Ball                frankb@frankb.us  
>>  
>

---

---

Subject: Re: Fwd: boot error - unable to mount root fs on unknown-block(0, 0)  
Posted by [lan jhonsen](#) on Thu, 18 Oct 2007 09:57:17 GMT  
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Thank you very much~~

But it seems that I can not connect internet in VE. It is OK when ping to its host system, however when ping external IP address, it dumps. I google the internet to find how to set the network in VE, but I can not find any hint to do it.

Could anybody give some advices how to configure network?

Thanks again,

lan

On 10/18/07, Kirill Korotaev <dev@sw.ru> wrote:

> lan,  
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> just like to any other usual machine using  
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> 5. now you can login to VE as to usual machine using it's IP  
>  
> Kirill  
>

>

> Ian jonhson wrote:

> > ----- Forwarded message -----

> > From: Ian jonhson <jonhson.ian@gmail.com>

> > Date: Oct 18, 2007 2:17 PM

> > Subject: Re: [Users] boot error - unable to mount root fs on unknown-block(0, 0)

> > To: frankb@frankb.us

> >

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> > Thanks again,

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Subject: Re: Fwd: boot error - unable to mount root fs on unknown-block(0, 0)  
Posted by [kir](#) on Thu, 18 Oct 2007 10:35:42 GMT  
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Have you enabled IP forwarding (as per  
[http://wiki.openvz.org/Quick\\_installation#sysctl](http://wiki.openvz.org/Quick_installation#sysctl))? Are you using real IP  
for your VE?

Ian jonhson wrote:

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>> Kirill
>>
>>
>> Ian jonhson wrote:
>>
>>> ----- Forwarded message -----
>>> From: Ian jonhson <jonhson.ian@gmail.com>
>>> Date: Oct 18, 2007 2:17 PM
>>> Subject: Re: [Users] boot error - unable to mount root fs on unknown-block(0, 0)
>>> To: frankb@frankb.us
>>>
>>>
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---

---

Subject: Re: Fwd: boot error - unable to mount root fs on unknown-block(0, 0)  
Posted by [kir](#) on Thu, 18 Oct 2007 10:40:29 GMT  
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Or, in case of Debian which you use, more relevant howto is  
[http://wiki.openvz.org/Installation\\_on\\_Debian#modify\\_needed\\_settings](http://wiki.openvz.org/Installation_on_Debian#modify_needed_settings)

Kir Kolyshkin wrote:

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---

---

Subject: Re: Fwd: boot error - unable to mount root fs on unknown-block(0, 0)

Posted by [lan jhson](#) on Thu, 18 Oct 2007 11:10:48 GMT

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---

> Have you enabled IP forwarding (as per  
> [http://wiki.openvz.org/Quick\\_installation#sysctl](http://wiki.openvz.org/Quick_installation#sysctl))? Are you using real IP  
> for your VE?

In where I should enable the IP forwarding, host system or VE (Sysem image file)?

I enabled the IP forwarding in /etc/sysctl.conf in host system (by copying configuration directly from [http://wiki.openvz.org/Quick\\_installation#sysctl](http://wiki.openvz.org/Quick_installation#sysctl)), but it isn't work; it is same when enabled in VE.

I used the real IP. For example, host IP address is 192.168.8.54, and I set the IP of VE is 192.168.8.55. Both are effective IP addresses.

Then, I started VE.

Under above setting, I entered VE and run apt-get update. However, I got error message.

No matter what IPs I pinged, all can not make connection.

What should I do next? Could anybody give me some advices?

Thanks,

Ian

---

---

Subject: Re: Fwd: boot error - unable to mount root fs on unknown-block(0, 0)

Posted by [lan jhson](#) on Fri, 19 Oct 2007 05:30:20 GMT

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---

Hi,

I guess maybe some configuration in VE is wrong. So I reseted my VE network as follows.

If there are something wrong, please correct me. Thank you very much.

I booted my system and selected the openvz environment, then

```
# cat /etc/network/interfaces
```

```
...
```

The primary network interface

```
allow-hotplug eth0
iface eth0 inet static
    address 192.168.8.54
    netmask 255.255.255.0
    network 10.61.0.0
    broadcast 10.61.0.255
    gateway 192.168.8.1
    dns-nameservers 10.61.0.254
    dns-search anqin-test-debian4
auto eth0
```

Before I started VE, I set the network by vzctl command,

```
# vzctl set 777 --ipadd 192.168.8.60 --nameserver 10.61.0.254
--hostname anqin-test-debian4 --save
```

OK, then I started VE:

```
# vzctl start 777
# vactl enter 777
# ping 192.168.8.1
```

The ping command said it can not connect to gateway:192.168.8.1. However,

```
# ping 192.168.8.54
```

is OK, VE can connect to VPS.

What is wrong with my setting?

On 10/18/07, Ian jonhson <jonhson.ian@gmail.com> wrote:

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