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Subject: **\*SOLVED\*** Installation problem (urgent)  
Posted by [Kutschka](#) on Mon, 19 Feb 2007 20:23:34 GMT  
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Hello,

I follow this instruction

[http://wiki.openvz.org/Installation\\_on\\_Debian](http://wiki.openvz.org/Installation_on_Debian)

and try to install OpenVZ on Debian Sarge minimal.

I become this message:

```
"You already have a LILO configuration in /etc/lilo.conf
Install a boot block using the existing /etc/lilo.conf? [Yes] Yes
Testing lilo.conf ...
An error occurred while running lilo in test mode, a log is
available in /var/log/lilo_log.2123. Please edit /etc/lilo.conf
manually and re-run lilo, or make other arrangements to boot
your machine."
```

In the file /var/log/lilo\_log.2123:

```
"Fatal: open /boot/initrd.img: No such file or directory"
```

I dont understand what is the problem.

Any idea?

Thank you.

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Subject: Re: Installation problem (urgent)  
Posted by [dev](#) on Mon, 19 Feb 2007 21:04:21 GMT  
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```
# cat /etc/lilo.conf
# ls -la /boot
```

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Subject: Re: Installation problem (urgent)  
Posted by [stoffell](#) on Mon, 19 Feb 2007 21:22:56 GMT  
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I had the same issue on sarge, if your initrd.img does not exist in /boot or /, create it:

```
cd /boot
mkinitrd -o /boot/initrd.img-2.6.18-028test015.1+31-ovz 2.6.18-028test015.1+31-ovz
```

Then link /initrd.img to the correct initrd.img:  
ln -s /boot/initrd.img-2.6.18-028test015.1+31-ovz /initrd.img  
Re-run lilo -v and see if it's okay now..

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Subject: Re: Installation problem (urgent)  
Posted by [kir](#) on Mon, 19 Feb 2007 21:23:48 GMT  
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What bootloader do you use — grub or lilo?

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Subject: Re: Installation problem (urgent)  
Posted by [Kutschka](#) on Mon, 19 Feb 2007 21:28:15 GMT  
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dev wrote on Mon, 19 February 2007 16:04# cat /etc/lilo.conf  
# ls -la /boot

Hi..

```
# cat /etc/lilo.conf
boot=/dev/sda
root=/dev/sda2
map=/boot/map
delay=20
vga=normal
default=Linux
```

```
image=/boot/vmlinuz
    label=Linux
    read-only
    initrd=/boot/initrd.img
    vga=0x314
```

-----

```
# ls -la /boot
total 11196
drwxr-xr-x  2 root root   4096 2007-02-19 22:25 .
drwxr-xr-x 19 root root   4096 2007-02-19 22:18 ..
-rw-r--r--  1 root root    512 2007-02-19 22:18 boot.0800
```

```
-rw-r--r-- 1 root root 55215 2007-02-19 22:18 config-2.6.8-3-k7-smp
-rw-r--r-- 1 root root 34060 2007-01-30 01:29 config-2.6.9-023stab040.1-ovz
-rw-r--r-- 1 root root 4939776 2007-02-19 22:18 initrd.img-2.6.8-3-k7-smp
lrwxrwxrwx 1 root root 25 2007-02-19 22:18 initrd.img.old -> initrd.img-2.6.8-3-k7-smp
-rw----- 1 root root 75264 2007-02-19 22:18 map
-rw-r--r-- 1 root root 855116 2007-02-19 22:18 System.map-2.6.8-3-k7-smp
-rw-r--r-- 1 root root 1105287 2007-01-30 01:42 System.map-2.6.9-023stab040.1-ovz
lrwxrwxrwx 1 root root 30 2007-02-19 22:23 vmlinuz -> vmlinuz-2.6.9-023stab040.1-ovz
-rw-r--r-- 1 root root 1215946 2007-02-19 22:18 vmlinuz-2.6.8-3-k7-smp
-rw-r--r-- 1 root root 3124606 2007-01-30 01:42 vmlinuz-2.6.9-023stab040.1-ovz
lrwxrwxrwx 1 root root 22 2007-02-19 22:18 vmlinuz.old -> vmlinuz-2.6.8-3-k7-smp
```

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Subject: Re: Installation problem (urgent)  
Posted by [Kutschka](#) on Mon, 19 Feb 2007 21:40:56 GMT  
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kir wrote on Mon, 19 February 2007 16:23 What bootloader do you use — grub or lilo?

lilo. Does it make the problem?

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Subject: Re: Installation problem (urgent)  
Posted by [Kutschka](#) on Mon, 19 Feb 2007 22:05:59 GMT  
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stoffell wrote on Mon, 19 February 2007 16:22 I had the same issue on sarge, if your initrd.img does not exist in /boot or /, create it:

```
cd /boot
```

```
mkinitrd -o /boot/initrd.img-2.6.18-028test015.1+31-ovz 2.6.18-028test015.1+31-ovz
```

Then link /initrd.img to the correct initrd.img:

```
ln -s /boot/initrd.img-2.6.18-028test015.1+31-ovz /initrd.img
```

Re-run lilo -v and see if it's okay now..

No:(

```
/usr/sbin/mkinitrd: add_modules_dep_2_5: modprobe failed
```

```
FATAL: Module ext2 not found.
```

```
FATAL: Module ext3 not found.
```

```
FATAL: Module xfs not found.
```

```
FATAL: Module reiserfs not found.
```

```
FATAL: Module raid1 not found.
```

FATAL: Module 3w\_xxxx not found.  
FATAL: Module 3w\_9xxx not found.  
FATAL: Module sata\_via not found.  
FATAL: Module sata\_sil not found.  
FATAL: Module sata\_nv not found.  
FATAL: Module amd74xx not found.  
FATAL: Module sd\_mod not found.  
WARNING: This failure MAY indicate that your kernel will not boot!  
but it can also be triggered by needed modules being compiled into  
the kernel.

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Subject: Re: Installation problem (urgent)  
Posted by [kir](#) on Mon, 19 Feb 2007 23:56:54 GMT  
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Did you actually build those modules?

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Subject: Re: Installation problem (urgent)  
Posted by [stoffell](#) on Tue, 20 Feb 2007 06:19:19 GMT  
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Kutschka wrote on Mon, 19 February 2007 23:05  
WARNING: This failure MAY indicate that your kernel will not boot!  
but it can also be triggered by needed modules being compiled into  
the kernel.

This "MAY" indicate your kernel won't boot, give it a shot, it might as well work..

Make sure your /boot/initrd.img exists and is referenced from lilo correctly.

Execute lilo -v before you boot!

cheers..

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Subject: Re: Installation problem (urgent)  
Posted by [Vasily Tarasov](#) on Tue, 20 Feb 2007 07:28:27 GMT  
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Hello,

As far as I understand, you're installing stable OpenVZ kernel, i.e 2.6.9-023stable.... According to

the listing of /boot directory, installation was at least partially successfully: kernel is installed. Please, give us also the listing of /lib/modules/2.6.9-023stab040.1-ovz/kernel/kernel directory in order to be sure, that modules are also installed.

One more check, do

```
# dpkg -l | grep vz
```

to check that package is installed.

If everything is ok at first step, then let's try to create initrd image. As marked Kristof (aka stoffell), the messages outputted by mkinitrd are OK, because mentioned modules are compiled in kernel. But you should indicate that this is ok to mkinitrd. It should be done by options:

```
# mkinitrd --builtin=ext2 --builtin=ext3 --builtin=xfs \  
--builtin=reiserfs --builtin=raid1 --builtin=3w_xxxx \  
--builtin=3w_9xxx --builtin=sata_via --builtin=sata_sil \  
--builtin=amd75xx --builtin=sd_mod -o /boot/initrd.img-2.6.9-023stab040.1-ovz  
2.6.9-023stab040.1-ovz
```

Then create a link:

```
ln -s /boot/initrd.img-2.6.9-023stab040.1-ovz /boot/initrd.img
```

Then run `lilo -v` to install boot sector.

HTH,  
Vasily

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Subject: Re: Installation problem (urgent)  
Posted by [Kutschka](#) on Tue, 20 Feb 2007 08:08:27 GMT  
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stoffell wrote on Tue, 20 February 2007 01:19  
Make sure your /boot/initrd.img exists and is referenced from lilo correctly.

Execute lilo -v before you boot!

cheers..

Hello,

/boot/initrd.img2.6... exixts  
I have changed the path in the lilo manually and referenced to this file + "lilo -v"  
Then I could start the openvz.

I did create a vps, but couldn't start. If I start the VE, I become 2 errors.

Adding IP address(es): 192.168.0.101

arp send: 192.168.0.101 is detected on another computer : xx:xx:xx:xx:xx:xx

And the second error:

"Unable to start init, probably incorrect template."

If I try all the things on my local Debian3.1 there is no problem. Everything works.  
But its not working on my internet server.

Thank you  
Kutschka.

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Subject: Re: Installation problem (urgent)

Posted by [Vasily Tarasov](#) on Tue, 20 Feb 2007 08:24:24 GMT

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Please, create a new thread for this error, because the subject changed. In addition to the statement of the problem, add there the following information:

- 1) OS template you're using for problematic VE
- 2) `ls -l /vz/private/<veid>/sbin/init` output
- 3) What you see if you run /vz/private/<veid>/sbin/init manually from the node.

Thanks,  
Vasily

P.S. And this thread I'm closing as **\*SOLVED\***.

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Subject: Re: **\*SOLVED\*** Installation problem (urgent)

Posted by [Kutschka](#) on Tue, 20 Feb 2007 08:25:53 GMT

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Ok thank you.

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