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Subject: No LVM with vzkernel in ubuntu 10.04 LTS  
Posted by [hjthoeming](#) on Thu, 15 Mar 2012 16:12:54 GMT  
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Hello,

i installed a box with ubuntu 10.04 LTS.

For snapshot functionality i created a logical volume like here:  
[h\\_t\\_t\\_p://weblogs.amtex.nl/index.php/2007/10/08/using\\_vzdump  
\\_snapshot\\_to\\_backup\\_without\\_downtime?blog=2](http://weblogs.amtex.nl/index.php/2007/10/08/using_vzdump_snapshot_to_backup_without_downtime?blog=2)

Then i tried to install openvz under unbuntu 10.04 LTS, following this howto:  
[h\\_t\\_t\\_p://wiki.openvz.org/Install\\_kernel\\_from\\_RPM\\_on\\_Ubuntu\\_10.04](http://wiki.openvz.org/Install_kernel_from_RPM_on_Ubuntu_10.04)

There have been some errors and warnings (please see below), but i got my .deb files an was able to install a kernel.

But now my lvm partitions are not accessable anymore:  
"The disk drive for /var/lib/vz is not ready yet or not present"

The lvdisplay command shows my logical volume, but there is an error message "/proc/misc: No entry for device-mapper found. Is device-mapper driver missing from kernel?"

Did i forgot something to enable device-mapper or is it missing in vzkernel?

```
fakeroot alien --to-deb --scripts --keep-version vz*.rpm
```

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warning: vzctl-3.0.30.2-1.x86_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
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error: incorrect format: unknown tag  
warning: vzctl-3.0.30.2-1.x86_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
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warning: vzctl-3.0.30.2-1.x86_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
warning: vzctl-3.0.30.2-1.x86_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
warning: vzctl-3.0.30.2-1.x86_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6
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warning: vzctl-3.0.30.2-1.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
warning: vzctl-3.0.30.2-1.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
vzctl\_3.0.30.2-1\_amd64.deb generated  
warning: vzctl-lib-3.0.30.2-1.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
warning: vzctl-lib-3.0.30.2-1.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
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vzctl-lib\_3.0.30.2-1\_amd64.deb generated  
warning: vzkernel-2.6.32-042stab049.6.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
warning: vzkernel-2.6.32-042stab049.6.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
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warning: vzkernel-2.6.32-042stab049.6.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6

warning: vzkernel-2.6.32-042stab049.6.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
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vzkernel\_2.6.32-042stab049.6\_amd64.deb generated  
warning: vzkernel-devel-2.6.32-042stab049.6.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
warning: vzkernel-devel-2.6.32-042stab049.6.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
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error: incorrect format: unknown tag  
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warning: vzkernel-devel-2.6.32-042stab049.6.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
vzkernel-devel\_2.6.32-042stab049.6\_amd64.deb generated  
warning: vzquota-3.0.12-1.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6

warning: vzquota-3.0.12-1.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
warning: vzquota-3.0.12-1.x86\_64.rpm: Header V3 DSA signature: NOKEY, key ID a7a1d4b6  
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vzquota\_3.0.12-1\_amd64.deb generated

root@openvz:~/openvz\_rpm# dpkg -i vz\*.deb

(Lese Datenbank ... 81888 Dateien und Verzeichnisse sind derzeit installiert.)  
Vorbereiten zum Ersetzen von vzctl 3.0.30.2-1 (durch vzctl\_3.0.30.2-1\_amd64.deb) ...  
Entpacke Ersatz für vzctl ...  
Vorbereiten zum Ersetzen von vzctl-lib 3.0.30.2-1 (durch vzctl-lib\_3.0.30.2-1\_amd64.deb) ...  
Entpacke Ersatz für vzctl-lib ...  
Vorbereiten zum Ersetzen von vzkernel 2.6.32-042stab049.6 (durch  
vzkernel\_2.6.32-042stab049.6\_amd64.deb)  
  
...  
update-initramfs: Deleting /boot/initrd.img-2.6.32-042stab049.6  
Entpacke Ersatz für vzkernel ...  
Generating grub.cfg ...  
Found linux image: /boot/vmlinuz-2.6.32-39-server  
Found initrd image: /boot/initrd.img-2.6.32-39-server  
Found linux image: /boot/vmlinuz-2.6.32-28-server  
Found initrd image: /boot/initrd.img-2.6.32-28-server  
Found linux image: /boot/vmlinuz-2.6.32-042stab049.6  
Found memtest86+ image: /memtest86+.bin  
done  
Vorbereiten zum Ersetzen von vzkernel-devel 2.6.32-042stab049.6 (durch  
  
vzkernel-devel\_2.6.32-042stab049.6\_amd64.deb) ...  
Entpacke Ersatz für vzkernel-devel ...  
Vorbereiten zum Ersetzen von vzquota 3.0.12-1 (durch vzquota\_3.0.12-1\_amd64.deb) ...

Entpacke Ersatz für vzquota ...

Richte vzctl ein (3.0.30.2-1) ...

Richte vzctl-lib ein (3.0.30.2-1) ...

Richte vzkernel ein (2.6.32-042stab049.6) ...

update-initramfs: Generating /boot/initrd.img-2.6.32-042stab049.6

Generating grub.cfg ...

Found linux image: /boot/vmlinuz-2.6.32-39-server

Found initrd image: /boot/initrd.img-2.6.32-39-server

Found linux image: /boot/vmlinuz-2.6.32-28-server

Found initrd image: /boot/initrd.img-2.6.32-28-server

Found linux image: /boot/vmlinuz-2.6.32-042stab049.6

Found initrd image: /boot/initrd.img-2.6.32-042stab049.6

Found memtest86+ image: /memtest86+.bin

done

Richte vzkernel-devel ein (2.6.32-042stab049.6) ...

Richte vzquota ein (3.0.12-1) ...

Verarbeite Trigger für ureadahead ...

ureadahead will be reprofiled on next reboot

Verarbeite Trigger für man-db ...

Verarbeite Trigger für libc-bin ...

ldconfig deferred processing now taking place

update-grub