
Subject: Re: Building DRBD 8.3.4 against OpenVZ kernel
2.6.18-164.2.1.el5.028stab066.7

Posted by [triangle](#) on Wed, 02 Dec 2009 09:52:01 GMT

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Hmm... Is your answer really correct or do I get something wrong?

The OpenVZ kernel 2.6.18-164.2.1.el5.028stab066.7 contains - as expected - only the kernel module of DRBD:

```
[root@hostname ~]# rpm --query --filesbypkg ovzkernel-2.6.18-164.2.1.el5.028stab066.7 | grep
drbd
ovzkernel          /lib/modules/2.6.18-164.2.1.el5.028stab066.7/kernel/drivers/ block/drbd
ovzkernel          /lib/modules/2.6.18-164.2.1.el5.028stab066.7/kernel/drivers/
block/drbd/drbd.ko
[root@hostname ~]#
```

The DRBD userland tools (such as /sbin/drbdadm) are obviously provided by another package. When running the OpenVZ kernel 2.6.18-128.1.1.el5.028stab062.3 (which contains DRBD 8.3.0 kernel code)

I am using the package drbd-8.3.0-3 to get these tools:

```
[root@hostname ~]# rpm --query --filesbypkg drbd-8.3.0-3
drbd              /etc/drbd.conf
drbd              /etc/ha.d/resource.d/drbddisk
drbd              /etc/ha.d/resource.d/drbdupper
drbd              /etc/rc.d/init.d/drbd
drbd              /etc/xen/scripts/block-drbd
drbd              /sbin/drbdadm
drbd              /sbin/drbdmeta
drbd              /sbin/drbdsetup
drbd              /usr/lib/drbd/notify-out-of-sync.sh
drbd              /usr/lib/drbd/notify-split-brain.sh
drbd              /usr/lib/drbd/notify.sh
drbd              /usr/lib/drbd/outdate-peer.sh
drbd              /usr/lib/drbd/snapshot-resync-target-lvm.sh
drbd              /usr/lib/drbd/unsnapshot-resync-target-lvm.sh
drbd              /usr/sbin/drbd-overview.pl
drbd              /usr/share/cluster/drbd.metadata
drbd              /usr/share/cluster/drbd.sh
drbd              /usr/share/doc/drbd-8.3.0
drbd              /usr/share/doc/drbd-8.3.0/COPYING
drbd              /usr/share/doc/drbd-8.3.0/README
drbd              /usr/share/doc/drbd-8.3.0/drbd.conf
drbd              /usr/share/doc/drbd-8.3.0/file.list
drbd              /usr/share/man/man5/drbd.conf.5.gz
drbd              /usr/share/man/man8/drbd.8.gz
drbd              /usr/share/man/man8/drbdadm.8.gz
```

```
drbd          /usr/share/man/man8/drbddisk.8.gz
drbd          /usr/share/man/man8/drbdmeta.8.gz
drbd          /usr/share/man/man8/drbdsetup.8.gz
drbd          /var/lib/drbd
[root@hostname ~]#
```

BTW: The RPM package drbd-8.3.0-3 built fine against the OpenVZ kernel 2.6.18-128.1.1.el5.028stab062.3.

Please correct me if I am misunderstanding something. Otherwise, I am still looking for some advise related to my original question.

Thanks, David
