Subject: Re: DRBD?
Posted by wfischer on Wed, 26 Jul 2006 11:45:58 GMT
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Hi again,

I found postings from Lars (one of the drbd developers):
http://lists.linbit.com/pipermail/drbd-user/2006-May/005027. html and
http://lists.linbit.com/pipermail/drbd-user/2006-June/005051 .html

there he gives a short explanation on version numbers for api and proto version. As I already thought, the api version of the userland tools must match the api version of the kernel module.

I checked the drbd version of the last three openvz kernels, see below:
[root@localhost ~]# cat /proc/version
Linux version 2.6.8-022stab077.1 (root@kern268.build.sw.ru) (gcc version 3.3.3 20040412 (Red Hat Linux 3.3.3-7)) #1 Fri Apr 21 16:50:02 MSD 2006
[root@localhost ~]# modprobe drbd
[root@localhost ~]# cat /proc/drbd
version: 0.7.17 (api:77/proto:74)
SVN Revision: 2093 build by phil@mescal, 2006-03-06 15:04:12
 0: cs:Unconfigured
 1: cs:Unconfigured
[root@localhost ~]#

[root@localhost ~]# cat /proc/version
Linux version 2.6.8-022stab078.10 (root@rhel4-32) (gcc version 3.4.5 20051201 (Red Hat 3.4.5-2)) #1 Wed Jun 21 12:01:20 MSD 2006
[root@localhost ~]# modprobe drbd
[root@localhost ~]# cat /proc/drbd
version: 0.7.17 (api:77/proto:74)
SVN Revision: 2093 build by phil@mescal, 2006-03-06 15:04:12
 0: cs:Unconfigured
 1: cs:Unconfigured
[root@localhost ~]#

[root@localhost ~]# cat /proc/version
Linux version 2.6.8-022stab078.14 (root@kern268.build.sw.ru) (gcc version 3.3.3 20040412 (Red Hat Linux 3.3.3-7)) #1 Wed Jul 19 16:02:34 MSD 2006
[root@localhost ~]# modprobe drbd
[root@localhost ~]# cat /proc/drbd
version: 0.7.20 (api:79/proto:74)
SVN Revision: 2260 build by phil@mescal, 2006-07-04 15:18:57
 0: cs:Unconfigured
 1: cs:Unconfigured
[root@localhost ~]#

Regarding instructions building a drbd/heartbeat cluster with openvz for the openvz wiki: finally today I have time to do this - so in about 12 hours the infos about that should be in the wiki. [update: unfortunately I won't finish today - I have my two CentOS boxes now running for this, but it takes a little longer than I thought - I post here once the content is in the wiki]

best wishes from Austria,
Werner
