

Order : <https://edh.cern.ch/Document/DAI/2101678>

One is **LBONDISK01**: S/N: 6G000970TS

1 X Intel(R) Xeon(TM) CPU 3.40GHz
2 GB RAM

RAID configuration: 2 RAID controllers with each 12 disks

First Board (slot3): Model : 9500S-12MI S/N:D19104A5430026 Firmware:FE9X 2.02.00.012
UNIT 0 = 150 GB (sda for Linux) = 2 mirrored disk 150GB
UNIT 1 = 1.16 TB (sdb for linux) = 5 RAID5 disks 300GB each
UNIT 2 = 900 MB (sdc for Linux) = 4 RAID5 disks 300GB each

Second Board (slot5): Model : 9500S-12MI S/N:D19104A5430025 Firmware:FE9X 2.02.00.012
UNIT 0 = 1.16 TB (sdd for Linux) = 5 RAID5 disks 300GB each
UNIT 1 = 1.45 TB (sde for linux) = 6 RAID5 disks 300GB each

Disk references:

- 150GB WDC WD1600SD-01KCC0
- 320 GB WDC WD3200SD-01KNB0

```
[pool02] ~ > df
Filesystem            1K-blocks      Used Available Use% Mounted on
/dev/sda2              30233928    2535096  26163020   9% /
/dev/sda7              1004024     242984   710036   26% /afscache
/dev/sda1               505604      18094   461406    4% /boot
none                   1027780         0   1027780    0% /dev/shm
/dev/sda3              50394996     85876  47749164    1% /scratch
/dev/sda5              4024188     280864  3538900    8% /var
AFS                     9000000         0   9000000    0% /afs
/dev/sda8              55991208     912324  55078884    2% /usr/backup
/dev/sdc1              527226560   3567200  523659360    1% /home
/dev/sde1              1562310528    528 1562310000    1% /testbeamData
```

```
[pool02] ~ > cat /etc/fstab
# This file is edited by fstab-sync - see 'man fstab-sync' for details
LABEL=/                /                    ext3    defaults    1 1
LABEL=/afscache        /afscache            ext3    defaults    1 2
LABEL=/boot1           /boot                ext3    defaults    1 2
none                   /dev/pts             devpts  gid=5,mode=620 0 0
none                   /dev/shm             tmpfs   defaults    0 0
LABEL=/scratch         /scratch             ext3    defaults    1 2
none                   /proc                proc    defaults    0 0
none                   /sys                 sysfs   defaults    0 0
LABEL=/var              /var                 ext3    defaults    1 2
LABEL=SWAP-sda6        swap                 swap    defaults    0 0
LABEL=/usr/backup      /usr/backup          xfs     defaults    1 2
LABEL=/home            /home                xfs     defaults    1 2
LABEL=testbeamData     /testbeamData        xfs     defaults    1 2
```

```
[pool02] ~ > cat /etc/exports
#
# CCPC home directories
#
/home/ccpcusers          10.135.0.0/255.255.0.0(rw,sync) pcpog*.cern.ch(rw,sync) pclbcc*.cern.ch
```

/home backups to **/castor/cern.ch/lhcb/online/backups/\$host/monthly** with script
/afs/cern.ch/user/n/niko/scripts/backup/backuppool02.monthly run by niko's crontab :

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```
# backup of pool02 home directories
# every day five past 3 in the morning
HOME=/afs/cern.ch/user/n/niko
MAILTO=niko.neufeld@cern.ch
5 3 * * *      $HOME/scripts/backup/backuppool02.daily >> /var/log/backup/backup.daily 2>&1
# every first of a month at midnight
0 0 1 * *      $HOME/scripts/backup/backuppool02.monthly >> /var/log/backup/backup.monthly 2>&1
```

MailFromJanVanEldik about 3ware and raid config.

rfiod installed : rpm package castor-rfio-server-2.0.0-59

ipconfig line added : -A RH-Firewall-1-INPUT -m tcp -p tcp --dport 5001 -j ACCEPT

rootd installed directly from ROOT binary (<http://root.cern.ch>)

ipconfig line added : -A RH-Firewall-1-INPUT -m tcp -p tcp --dport 1094 -j ACCEPT

All LHCb users (Z5 group) added to passwd file with /sbin/nologin as shell

Velo local group created with velo users.

velo subdirectory in /testbeamdata created with velo as group and write access to that group

-- LoicBrarda - 05 Apr 2006

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