

# SW RAID

## Array configuration

- RAID LEVEL: 5
- DISK DRIVES: 4 x 200 GB Seagate, ST3200822A (186 GB)

## Partitioning

### Schema

hda: drive 0 - primary master

hda1	hda2	hda3
/boot	/	/home SW-RAID partition 1 of 4

hdb: drive 1 - primary slave

hdb1	hdb2	hdb3
/etc	/tmp	/home SW-RAID partition 2 of 4

hdc: drive 2 - secondary master

hdc1	hdc2	hdc3
/root	/var/tmp	/home SW-RAID partition 3 of 4

hdd: drive 3 - secondary slave

hdd1	hdd2	hdd3
/usr/portage	SWAP	/home SW-RAID partition 4 of 4

### Sizes

- / hda2 6 GB - 128 MB ext3
- /boot hda1 128 MB ext2
- /etc hdb1 1 GB ext3
- /home hda3,hdb3,hdc3,hdd3 540 GB usable ext3, SW RAID 5 (4x180G)
- /root hdc1 2 GB ext3
- /tmp hdb2 5 GB ext2
- /usr/portage hdd1 4 GB ext3
- /var/tmp hdc2 4 GB ext2
- swap hdd2 2 GB SWAP

### Additional information

- UPS is recommended
- daily backup of non-raid data to raid volume
  - /
  - /boot
  - /etc
  - /root