

# SW RAID1 rebuilding notes

Situation:

2 S-ATA disks as SW RAID1 mirror:

```
/dev/sda1 and /dev/sdb1 make /dev/md0 mounted on /boot
```

```
/dev/sda2 and /dev/sdb2 as swap
```

```
/dev/sda3 and /dev/sdb3 make /dev/md1 mounted on /
```

/dev/sdb died and just got replaced.

To rebuild the redundant configuration, these steps should satisfy:

```
sfdisk -d /dev/sda | sfdisk /dev/sdb  
grub-install /dev/sdb  
mdadm --manage /dev/md0 --re-add /dev/sdb1  
mdadm --manage /dev/md1 --re-add /dev/sdb3  
mkswap /dev/sdb2  
swapon /dev/sdb2
```

Wait for the re-sync to be finished: `cat /proc/mdstat`

Done.

---

*From: IBCL Blog.  
Originally posted: 2008-12-26*