Install Raid1

Hardware configuration

- MB : ASUS M2N32 Workstation Professional
- CPU: Athlon 64 X2 5600+
- HD : 2xWD 74GB Raptor, 2xSamsung 2TB, 2xSamsung 1TB
- RAM: 4 GB DDR2-6400
- Usage: Server

Desired configuration of the disks

hdd	partition	raid1	lvm	mount point
sda	sda1	md4	-	/
sdb	sdb1	md4		
sda	sda3	md1	-	swap
sdb	sdb3	md1		
sda	sda2	md3	-	-
sdb	sdb2	md3		
sdc	sdc1	md5	vg1, lv1, lv2	/home, /srv
sdd	sdd1	md5		
sde	sde1	md2	vg2, lv3	/backup
sdf	sdf1	md2	vg2, lv3	/backup

md3 is the previous system partition, not mounted. To be used when upgrading the operating system.

Install Base

1. Install Ubuntu Hardy (8.04) Alternate Install: F6-F6-Expert Mode
2. Install Raid1 with MD package activated and assign mount points

Check wether all volumes get mounted during system boot

to check wether root and swap are mounted, enter:

```
mount
free -m -t
```

to check mismatching uuid's, enter:

```
ls -la /dev/disk/by-uuid
cat /etc/fstab
```

to fix, do:

```
vim /etc/fstab
```

replace the uuid's found in fstab with the ones found in /dev/disk. Make sure you copy the correct uuid (md0, md1) to the respective entry in fstab.

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Last update: **2012/07/17 11:59**