Previous Backup Method

Computer

2 disk Raid 0 Main Data Storage
(fast but not secure)
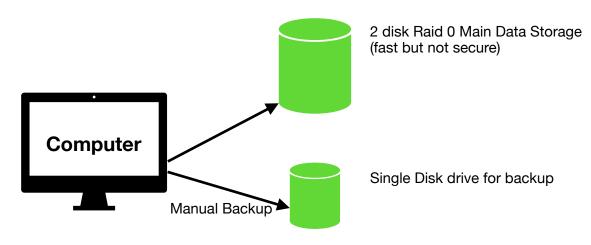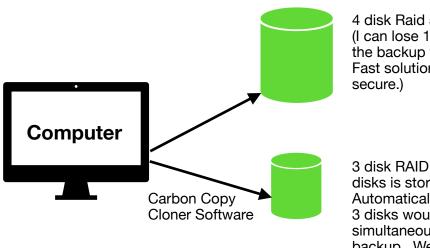
Single Disk drive for backup

Manual Backup

New Secure Backup Method

Computer

4 disk Raid 5 Main Data Storage
(I can lose 1 drive and not require
the backup for restore.
Fast solution and reasonably
secure.)

Carbon Copy
Cloner Software

3 disk RAID 1 (mirror). One of the
disks is stored off site.
Automatically backed up daily. All
3 disks would have to
simultaneously fail, to not have a
backup. Weekly disk 2 and disk 3
are switched to off-site from on-
site. It takes about 6 minutes for
the off-site disk to be synched to
the primary disk.