RAID 3

Disk 0 — A1, A4, B1, B4

Disk 1 — A2, A5, B2, B5

Disk 2 — A3, A6, B3, B6

Disk 3 — $A_{p(1-3)}$, $A_{p(4-6)}$, $B_{p(1-3)}$, $B_{p(4-6)}$