Chapter 14 - Secondary Storage Structures

• Access time expensive

• Efficiency improved by scheduling opera-

tions

• FCFC: Fair, but can be expensive

• SSTF: Possibility of starvation

• SCAN: Moves disk heads from side to side

• C-SCAN: Retracts head and sweeps from

1

same direction

• LOOK: variation on SCAN

Evaluation

Chapter 14 - Management

• Low-level and logical formatting

Boot block

• Error handling: sparing and slipping

• Swapping: Either use logical file system or

separate disk

• Reliability: RAID