

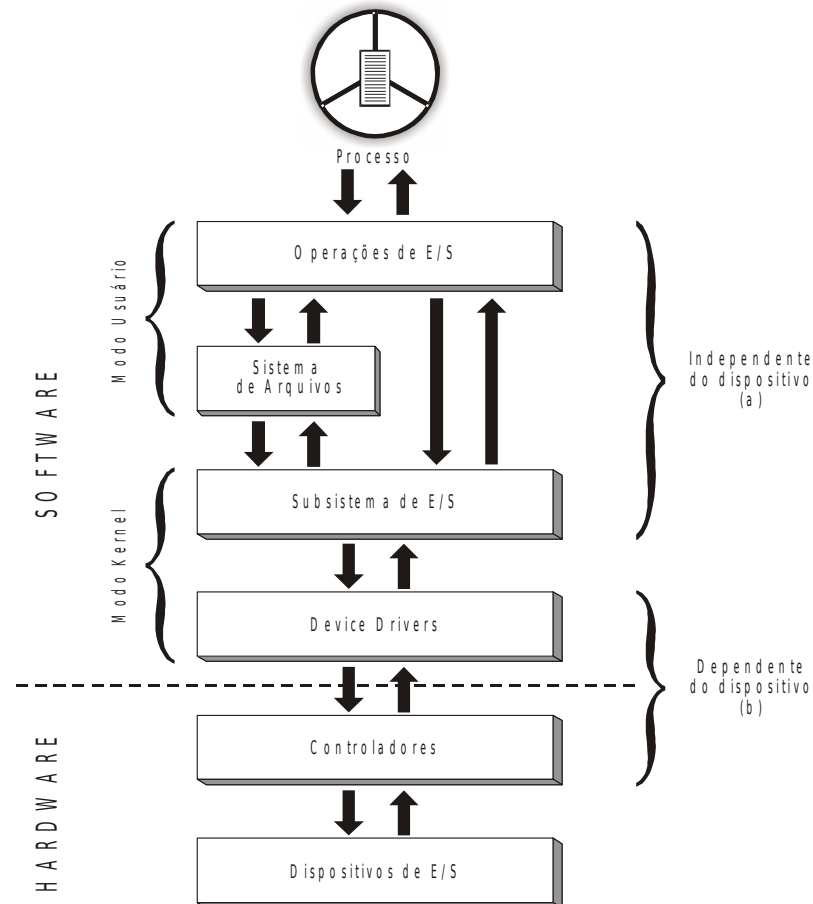
Arquitetura de Sistemas Operacionais

**Francis Berenger Machado
Luiz Paulo Maia**

**Capítulo 12
Gerência de Dispositivos**

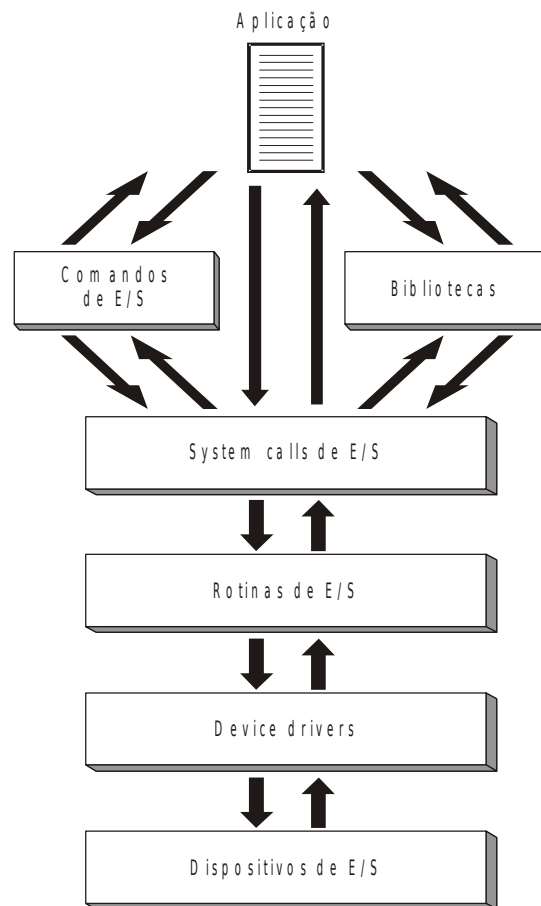
Introdução

- Gerência de dispositivos



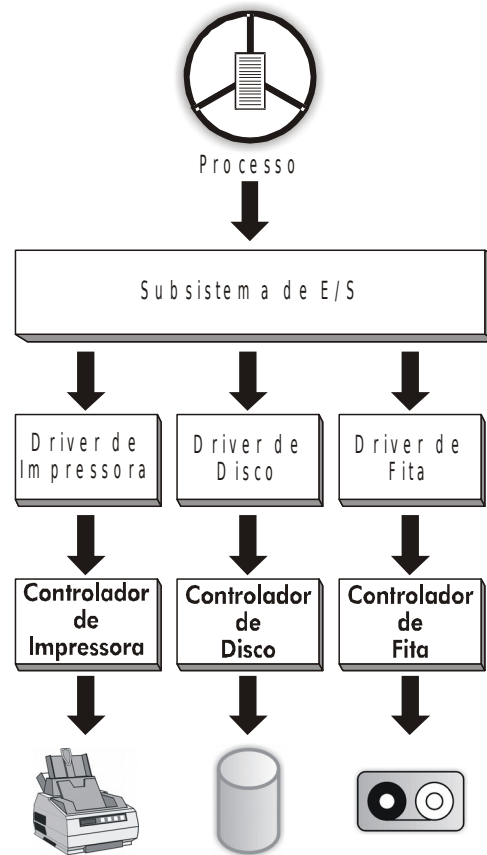
Acesso ao Subsistema de Entrada e Saída

- Operações de entrada/saída



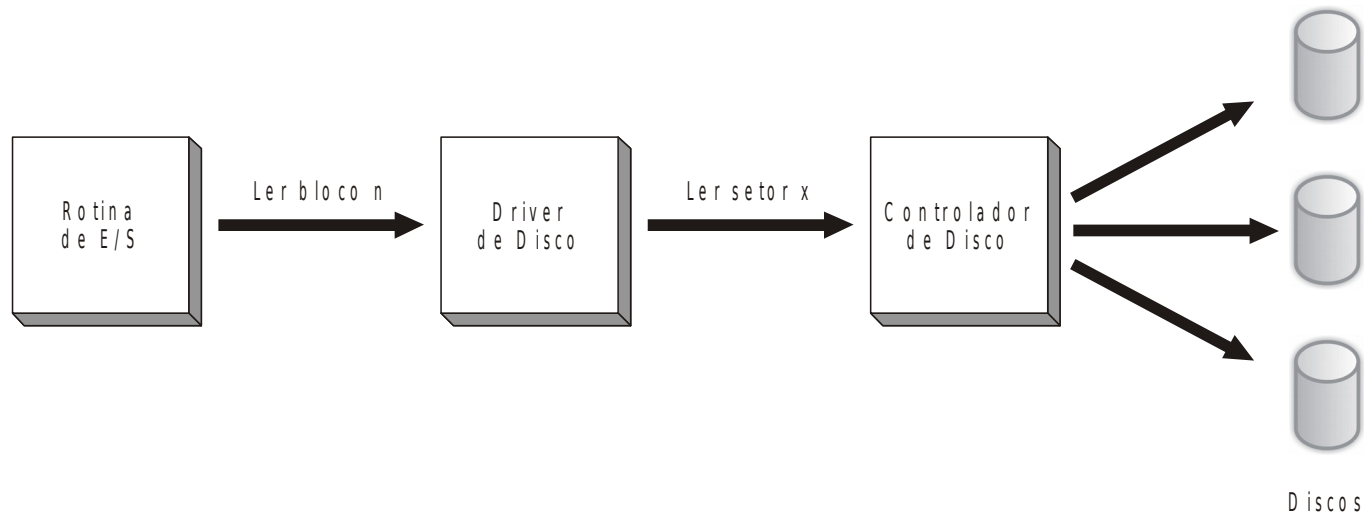
Device Drivers

- Device Drivers



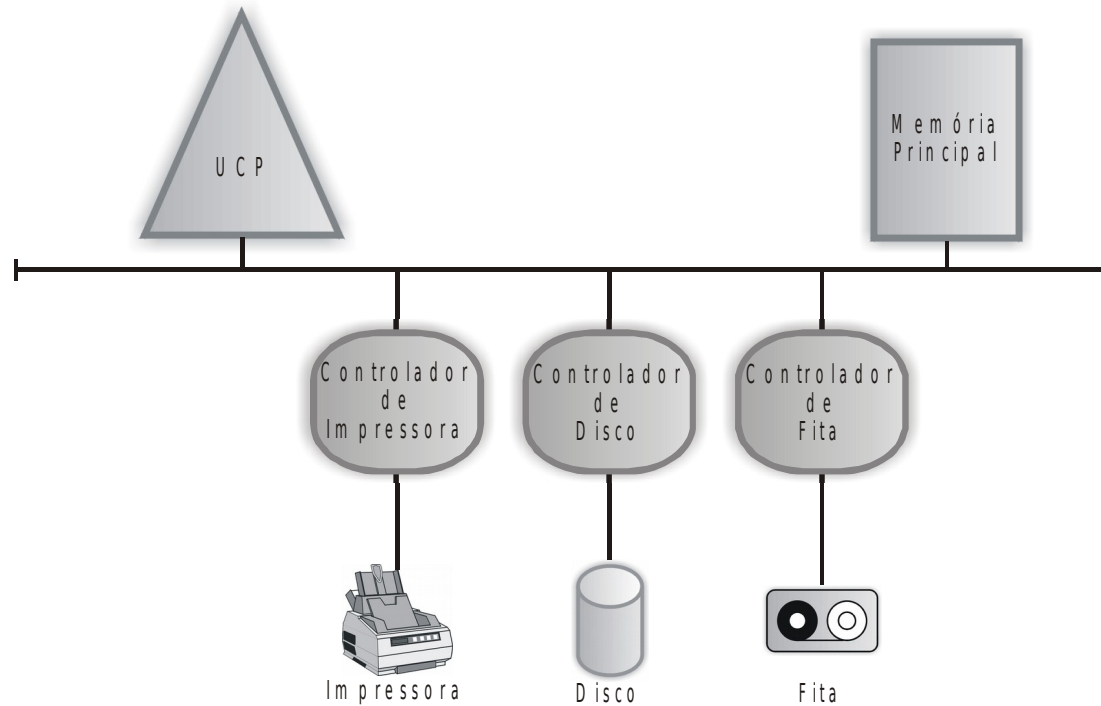
Device Drivers

- Driver de disco



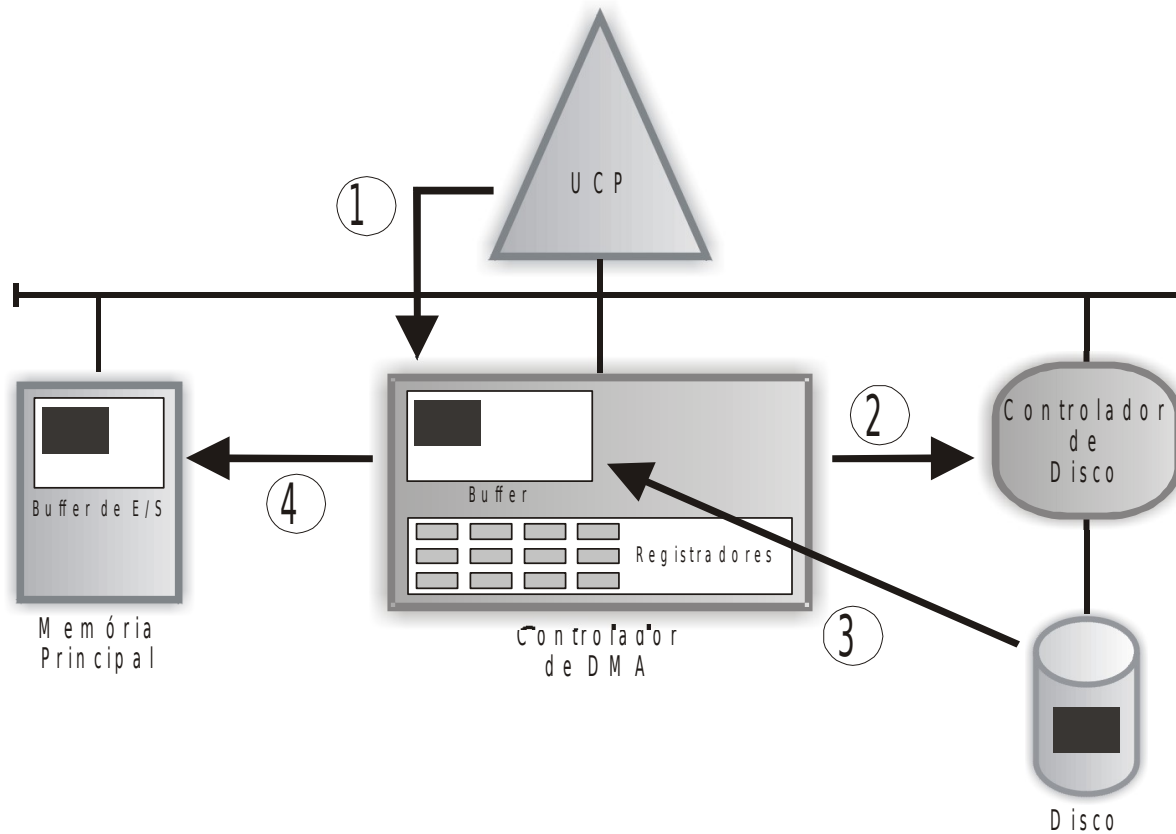
Controladores

- UCP, memória e controladores



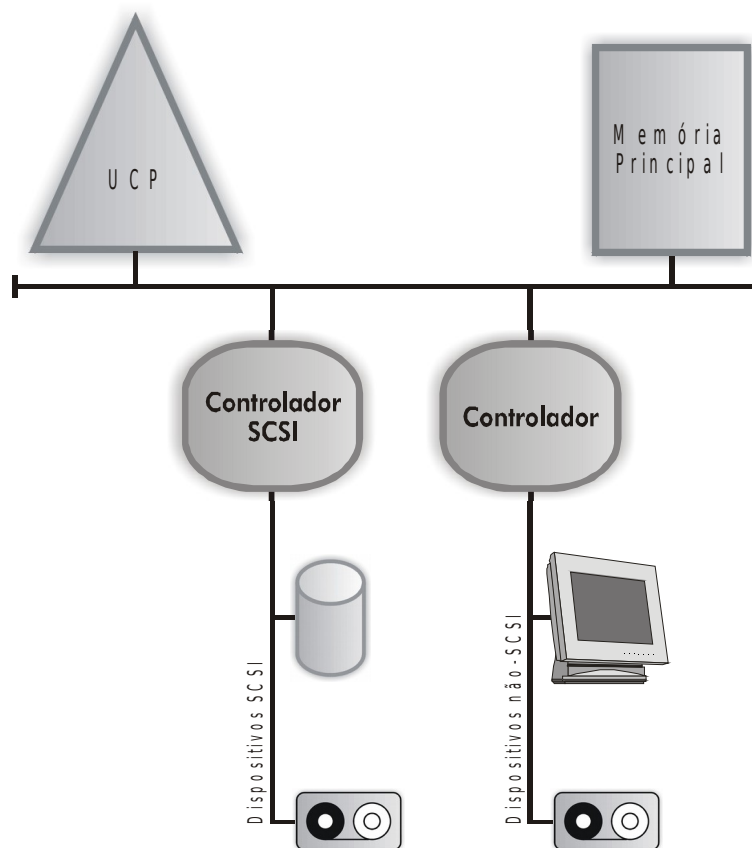
Controladores

- Técnica de DMA



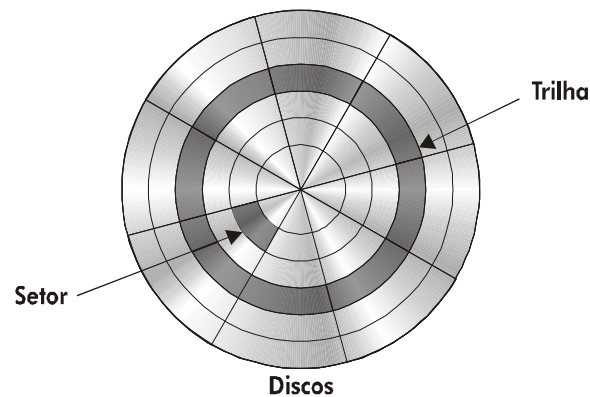
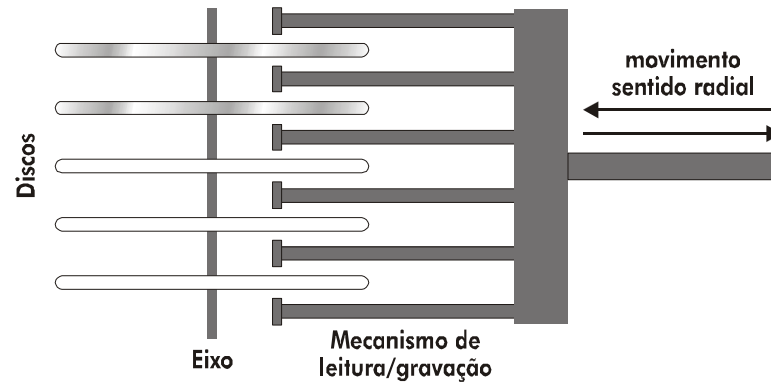
Controladores

- Controlador SCSI



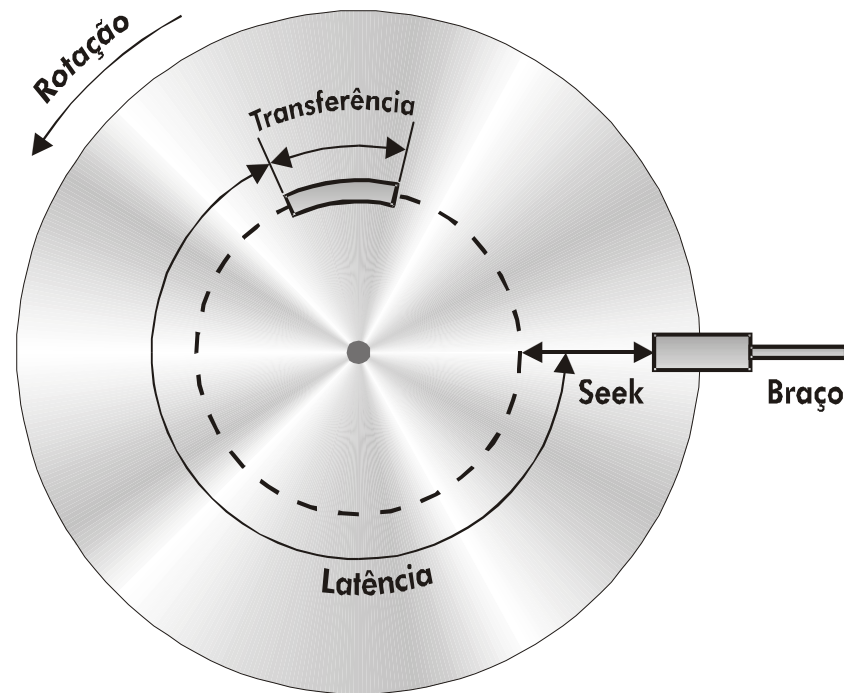
Discos Magnéticos

- Estrutura de um disco magnético



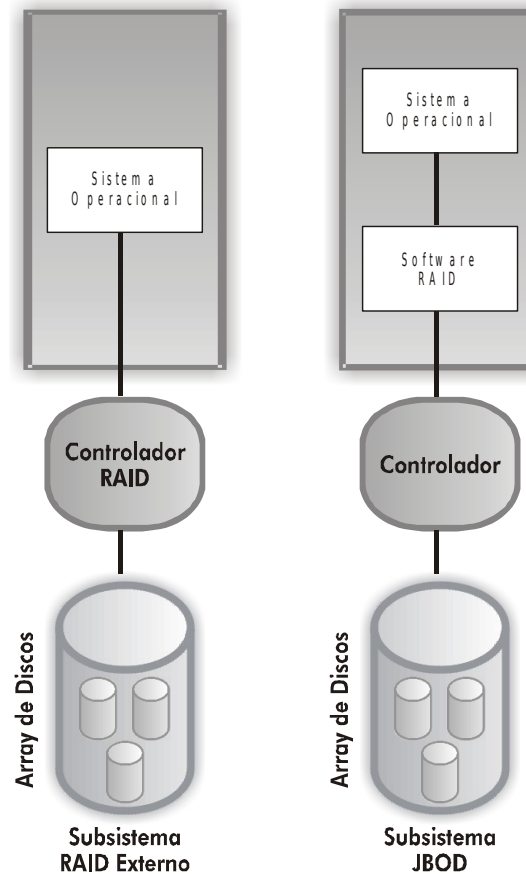
Discos Magnéticos

- Tempo de acesso



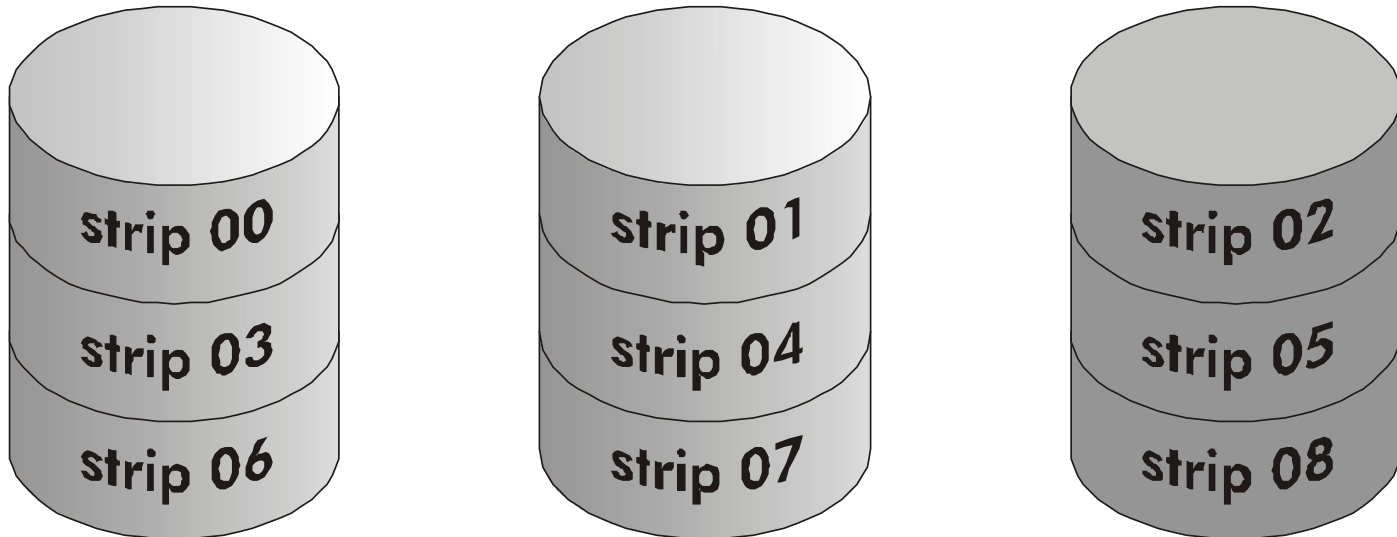
Desempenho, Redundância e Proteção de Dados

- Subsistema de discos



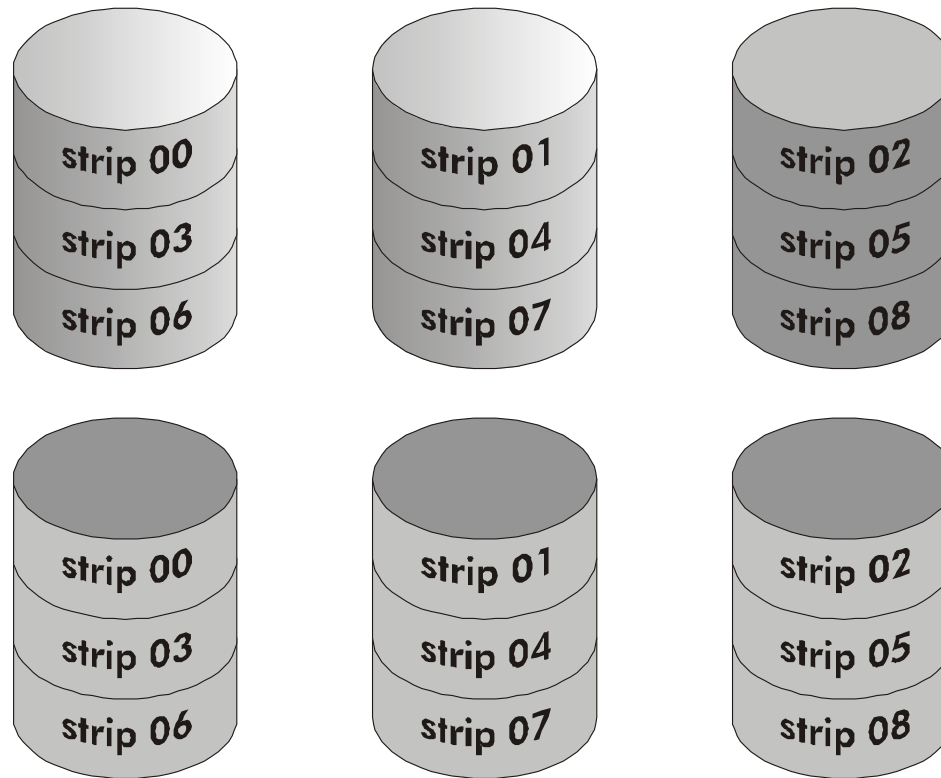
Desempenho, Redundância e Proteção de Dados

- RAID 0



Desempenho, Redundância e Proteção de Dados

- RAID 1



Desempenho, Redundância e Proteção de Dados

- RAID 5

