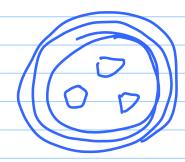
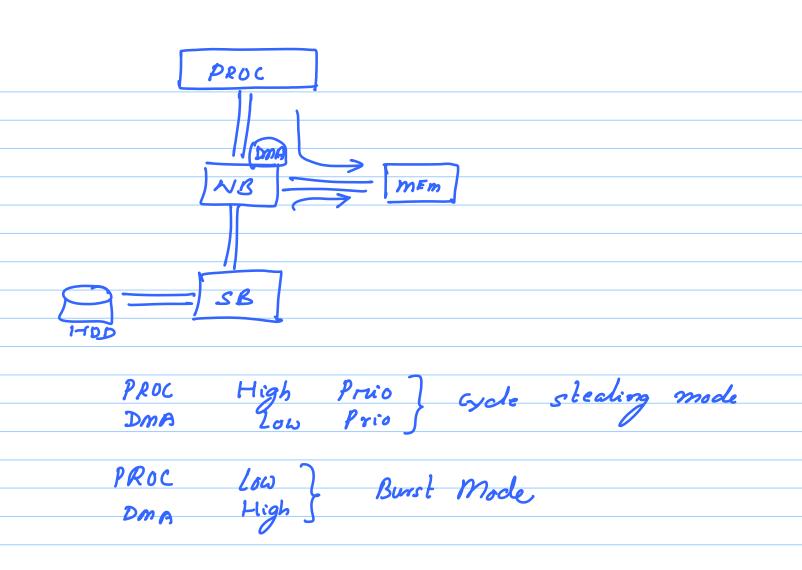


3) Transfer lime: Size
BW

Cylinder







Bonk: 107 customers

1 mB of data/customer.

=[10 TB]

Facebook 1 30ps

RAID: Redundant Array of Inexpensive Disks.

RAID-0

No fault tol.

RAID-1

Mirroring.

RAID-2



1000 .000

Failure Modeli:

FAIL-STOP: Immediately detect & stop

FAIL-SILENT: Silent Data Corruption.

RAW 3. LAID 4.

Byte Level (RAID 2)

Block Level (RAID 2)

RAID-5

Destribute Posity

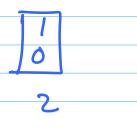


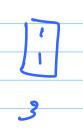














Volume (old value)

Pold (old value of fority)

Prew = Pold (Volume of fority)

Any write: 2 Reads

Volume Volume of the Volume

RAID 6: Tolorate 2 disk failures.

(N+2) disks [2 disks disks]

disk failures.

