

Disk failures constitute 20-55% of storage system failures (lower for high end systems)

- Disk enclosures, physical interconnects, protocol stacks and so on – combined are large factors!

Fundamental assumptions of RAID and all other fault handling techniques – faults are independent – are NOT correct

- Disk failures are highly correlated:
 - Space
 - Time

Memory failures will become increasing factor of data faults as amount of data increases and as it goes thru multiple copies and virtualization