08/24/22 Smallest unit ob data transfer is block.

rowin

Porta is transported the disk and nemory in blocks. > should a size of a block be smaller (or) bigger?

And) It defends on the kind of application (or) the kind

Of scendios: RAID: (Redundant Arrays of Independent Disks.) () Reduces Time. ->OLTP is "write" heavy. Ex:- Banking. 702 AP is "Read" heavy. Ex:- Scientific Data. of ra(22.

Missoing - It is used for reliability. (write) Strifing _ It is used bot data transper speed. (Read) RAID-Level: - 7 (no-Mishroring)

Level 0 — Black striping; non-redundant.

Level 1 — Mishrored disks with black striping. Level 2 - Memory-9 tyle - Extral - correcting codes (ECC) with bit striping. Level 3 - Bit-Interleaved Parity; Cong time are lose 2 disks, are lose the duta)

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8/31/22	Strifing helps improve the speed of Read.
	Level-5 - Black-Interleaved Distributed
	Level-5 — Black-Interleaved Distributed forsty; (any time, we lose 2 diste, we lose the data)
	Level-6 — P+a Redundancy Schene,
	Level o < level 1 < level 3 <
	Level o < level 5 < level 3< Level 4 < level 5 < level 6:
	Fators in Chooling RAID Level:
	-> Manchary colt.
	> Monetary cost. > perpormance.
	- Serbornance during Faclure.
	-> Perpormance owning Rebuild:
	Ĭ
	=> For writing RAID Level - is very important.

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