

Re: RAID-5 of 4x IBM IC35L073UCDY10 incompatible with SEAGATE ST373207LC

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John-Paul Stewart wrote:

> *Victor Mataré wrote:*

>

>> *Hi,*

>>

>> *I'm running a RAID-5 of 4x IBM IC35L073UCDY10 on an ICP Vortex GDT8514RZ*

>> *SCSI/RAID-Controller, firmware 2.44.02-RC7B (current). It is to be*

>> *expanded by 2 SEAGATE ST373207LC, but the expand command in the*

>> *controller's console fails with the message "no suitable disks found".*

>> *This seems to be due to a compatibility issue of the IBM drives. The IBM*

>> *support doesn't seem to be of much help - the firmware update (S29A)*

>> *they sent me made no difference.*

>> *If anyone has experience with expanding RAID arrays of IBM disks or*

>> *similar situations, please tell me...*

>

>

> *Some RAID controllers simply refuse to work unless all drives are*

> *identical brand and model. I don't think it's a compatibility issue*

> *with the IBM drives so much as it's an issue with the controller. Check*

> *with the controller manufacturer for information; there's a chance they*

> *might have a workaround (if this is indeed your problem).*

The controller definitely does support using different drives in a single array. It even leaves a "tolerance gap" of about 10 MB of unused space at the end of the disks to ensure that drives with a slightly smaller capacity can still be added to the array. I'm pretty sure it's an incompatibility issue with either the IBM- or the Seagate-disks. If this can't be resolved, I'd appreciate some tips on how to find out who (IBM, Seagate or maybe ICP Vortex) has been messing with the standards there, in order to find someone to "blame" for this ;)

thx4help,

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Victor Mataré

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comp.os.linux.hardware: Re: RAID-5 of 4x IBM IC35L073UCDY10 incompatible with SEAGATE ST373207LC

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