

Re: Partitioning and volume creation

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From: HRISHIKESH KULKARNI (hrk007_at_yahoo.com)

Date: 09/08/04

Date: Wed, 8 Sep 2004 06:36:34 -0700 (PDT)

To: sunmanagers@sunmanagers.org

Hi Kenneth,

Thanks a lot for clearing this.

So if we are definitely going with UFS filesystem definitely, then other than easy configurability through graphical interface, there is not much sense going with the expensive Veritas Volume Manager. I assume SDS is available as a free download.

Regards,

Hrishi.

— Kenneth Modrego <Kenneth.Modrego@toyota-fs.com>
wrote:

- > *Hi!*
- >
- > *The A5200 doesn't have RAID Manager or any RAID*
- > *hardware. you will see the*
- > *disks through the Fiber channel controller.*
- > *You can always use those disks with format, but you*
- > *will need to use them*
- > *separately and you will have the 7 partition*
- > *restriction.*
- >
- > *With SDS you'd be able to create RAID 0/1/10/5 in*
- > *such disks, and it's*
- > *FREE!*
- > *additionally SDS allows you to create Soft*
- > *partitions, so you can overcome*
- > *the 7 partitions limit.*
- >
- > *Veritas Volume Manager it's a good option if you a*
- > *re running a larger*
- > *environment, it is faster, easier to configure and*
- > *more stable,*
- > *combined with VxFS (Veritas File system) it will*
- > *allow you to grow and*

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> *Shrink filesystems without unmounting them. plus the*
> *VxFS is faster than*
> *UFS.*
>
> *However Veritas is very expensive and not always*
> *justified in medium/small*
> *environments.*
>
> *hope that helps.*
>
> *Best regards,*
>
> *Kenneth Modrego*
> *UNIX Systems Administrator*
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>
> *HRISHIKESH KULKARNI <hrk007@yahoo.com>*
> *Sent by: sunmanagers-bounces@sunmanagers.org*
> *08/09/2004 05:37*
>
> *To*
> *sunmanagers@sunmanagers.org*
> *cc*
>
> *Subject*
> *Partitioning and volume creation*
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>
> *Hi,*
>
> *I had a basic question regarding partition creation*
> *when a storage array is connected to a server.*
> *Assuming a E45K is connected to couple of A5200s*
> *would you need to have veritas , DiskSuite or such*
> *similar software for creation required*
> *partitions/volumes.*
> *Cant we do the same with format option of solias?*
> *Is the only advantage of software like Veritas that*
> *they help you create logical volumes which can mix*
> *disks from different disk arrays. I assume the other*
> *benefit is software level RAID features offered by*
> *veritas.*
> *Cant this be achieved by hardware RAID controllers*

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> for
> the disk arrays and creating partitions on storage
> array with format command
>
> Regards,
> Hrishi.
>
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>
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>
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>
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