

Re: Performance RAID setup...

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/isp/2004-08/0058.html>

From: Josh Paetzel (josh_at_tcbug.org)

Date: 08/26/04

To: Chuck Swiger <cswiger@mac.com>
Date: Thu, 26 Aug 2004 15:14:15 -0500

On Thursday 26 August 2004 14:10, you wrote:

> *Mitch (bitblock) wrote:*
> [...]
>
>> *One floating consideration is the hard drive configuration and*
>> *the relative performance.*
>>
>> *I could go with 6 73GB 15000 RPM drives in two RAID 5 sets, or I*
>> *could go with 6 146GB 10000RPM drives in RAID mirrors.*
>>
>> *The goal is to provide a NFS / SAMBA server for 4 - 20*
>> *application servers.*
>>
>> *Anyone have any value for dollar comments?*
>
> *Unless your volumes are read-only, or close to it, RAID-10 (or*
> *"-1,0") will give you significantly better write performance than*
> *RAID-5. You might also give small SAN devices a thought; in*
> *particular, the Xserve RAID box has a very good price/performance*
> *point.*
>
> *I don't have experience with the SRCU42L SCSI controller, so you*
> *might want to do a search about it and FreeBSD, and/or ask your*
> *vendor.*

Of course the Xserve RAID is IDE drives only to the best of my knowledge. ;)

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Thanks,
Josh Paetzel

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