

Re: freebsd-performance Digest, Vol 4, Issue 7

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2003-06/0062.html>

From: Eric Anderson (anderson_at_centtech.com)

Date: 06/18/03

Date: Wed, 18 Jun 2003 15:44:14 -0500
To: "Jin Guojun [DSD]" <j_guojun@lbl.gov>

Jin Guojun [DSD] wrote:

> *Eric Anderson wrote:*

>

>

>>> *Very minimum.*

>>> *It was slow on SCSI bus , but I do not have time to diagnose,*

>>> *which can be very time consuming.*

>>

>> *My tests have shown that a GOOD hardware RAID5 controller can really*

>> *help you out when it's being slammed (specially over NFS) – I use Dell*

>> *PERC/2 and PERC/3 controllers (rebranded AMI RAID boards). They run*

>> *like champs, and I get 40MB/s sustained xfers..*

>

>

> *What did you mean sustained xfers ? -- in and out, or just read out.*

sustained writes (not burst transfers) and sustained reads.. With hardware RAID's that have cache memory on them (as the PERC's do – mine has 128mb), you can get huge burst speeds (all in memory, so it makes sense). If you have a machine that is writing small files constantly, the cache can significantly help. However, putting a lot of extra memory in the server running a software RAID can do this with similar results. I always suggest piling on the RAM for servers..

Eric

--

Eric Anderson Systems Administrator Centaur Technology
Attitudes are contagious, is yours worth catching?

freebsd-performance@freebsd.org mailing list

<http://lists.freebsd.org/mailman/listinfo/freebsd-performance>

To unsubscribe, send any mail to "freebsd-performance-unsubscribe@freebsd.org"