

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

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From: Eric Anderson (*anderson_at_centtech.com*)

Date: 06/18/03

Date: Wed, 18 Jun 2003 15:05:14 -0500

To: freebsd-performance@freebsd.org

Jin Guojun [DSD] wrote:

> *Doug Clements* wrote:

>

>

>> *On Wed, Jun 18, 2003 at 11:52:55AM -0700, Jin Guojun [DSD] wrote:*

>>

>>> *Recently, we tested software RAID via CCD and VINUM, and compared*

>>> *them to adaptec 2xxx RAID controller. The performance is the same.*

>>> *The CPU are Xeon 2.8 GHz, SuperMicro MB with ServerWork Chipset.*

>>> *Seagate 3147xxxLC drives.*

>>>

>>> *Problem is the write is slow for all of them, especially when multiple writes.*

>>>

>>> *Heard from Adaptec that their 5400 RAID has best performance, but*

>>> *never had one for testing.*

>>>

>>> *So, soft RAID is ok to save bucks for hardware.*

>>

>> *How was CPU usage during the tests?*

>

>

> *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..

With software RAID, I get less, however it is substantially cheaper, and for price/punch it's hard to beat.

It really depends on how much you depend on it, and how much you want to spend on the solution.

vinum is one of the sweetest pieces of software ever written to

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compliment FreeBSD (in my opinion) – it's just one of those tools you can depend on.

Eric

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Attitudes are contagious, is yours worth catching?

freebsd-performance@freebsd.org mailing list

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