

Re: How to calculate a useful size for a given pool

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On Mon, 02 Aug 2004 15:44:27 -0400, Brian Evans wrote:

>> 1. A firm receives 100,000 orders per week as electronic documents.

<snip>

>> 4. Retrieval from CDROM is time-consuming but a limited amount of space is

>> available to cache some of the documents on networked storage for more

>> immediate retrieval. There is not enough space to cache all the documents

>> so the older cached documents are deleted regularly.

<snip>

> #4 mostly likely doesn't hold true anymore.

> Harddrives have increased in capacity making caching all the data easy. A

> single 250gb drive caches 384 CDs worth at 650mb per CD. A fully

> decked out \$10,999 Apple XServe RAID would cache 5384 CDs.

> Thats 35/mb of electronic documents per order if 100,000 are

> stored on the XServer at any one time.

I was simplifying the figures for illustrative purposes – in reality, the volume is very much bigger. Sure, we could throw lots of storage at the issue, but I am grappling with the problem of what would be the most sensible amount of storage without having to cache everything for an over-long period of time. Having said that, a rough calculation shows that an XServe would hold over 100 days' worth of documents, which may be quite adequate. I just want to make sure, though. Thanks for the Apple tip, by the way – sounds a steal at that price.

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Regards, Gareth Williams