

Re: 20TB Storage System

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2003-09/0029.html>

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To: Max Clark <max.clark@media.net>

On Tue, Sep 02, 2003 at 03:53:53PM -0700, Max Clark wrote:

- > *Depends on whether you plan on crashing or not :) According to*
- > <http://lists.freebsd.org/pipermail/freebsd-fs/2003-July/000181.html>,
- > *you may not want to create filesystems over 3TB if you want fsck to*
- > *succeed. I don't know if that's using the default newfs settings*
- > *(which would create an insane number of inodes), though.*
- >
- > *- This is a big problem (no pun intended), my smallest requirement is still*
- > *5TB... what would you recommend? The smallest file on the storage will be*
- > *500MB.*
- >

If you files are all going this large I imagine you should look carefully at what you do with inodes, block and cluster sizes

However I just read the newfs man page and am intrigued to know what effect the -g and -h options have....

-g avgfilesize

The expected average file size for the file system.

-h avgfdir

The expected average number of files per directory on the file system.

freebsd-performance@freebsd.org mailing list

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