

freebsd-performance: Re: 20TB Storage System

## Re: 20TB Storage System

**Source:** <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2003-09/0014.html>

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To: Max Clark <[max.clark@media.net](mailto:max.clark@media.net)>

In the last episode (Sep 02), Max Clark said:

> 2) *What is the maximum size of a filesystem that I can present to the  
> host OS using vinum/ccd? Am I limited anywhere that I am not aware  
> of?*

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.

> 3) *Could I put all 20TB on one system, or will I need two to sustain  
> the IO required?*

To sustain only 30MByte/s across the entire set? Doesn't really matter, since even a single disk could do that.

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