

Re: RAID and NFS exports (Possible Data Corruption)

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2003-07/0258.html>

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To: Sumit Shah <shah@ucla.edu>

On Tue, Jul 15, 2003 at 06:26:24AM -0700, Sumit Shah wrote:

> *Here is a message I sent to freebsd-questions and I was hoping I could
> get some help debugging this.*

It seems very unlikely that restarting mountd could cause an error like:

>*ad4: hard error reading fsbn 242727552*

The error means that that the disk said that there was an error trying to read this block. You say that when you rebooted that the controller said a disk had gone bad, so this would sort of confirm this. (I could believe that restarting mountd might upset raid stuff if there were a kernel bug, but it seems very unlikely it could cause a disk to go bad.)

My best guess would be that you have a bad batch of disks that happen to have failed in similar ways. It is possible that restarting mountd uncovered the errors, 'cos I think mountd internally does a remount of the filesystem in question and that might cause a chunk of stuff to be flushed out on to the disk, highlighting an error.

(I had a bunch of the IBM "deathstar" disks fail on me within the space of a week or so, after they'd been in use for about six months.)

David.

freebsd-hackers@freebsd.org mailing list

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