

Re: FBSD 2.5.1-p11 | Promise SATA150 TX2plus | Seagate B 200GB – BAD SUPERBLK / Machine freezes up etc

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/questions/2004-11/0842.html>

From: Louis LeBlanc (*FreeBSD_at_keyslapper.org*)

Date: 11/08/04

Date: Mon, 8 Nov 2004 13:42:57 -0500

To: freebsd-questions@freebsd.org

On 11/08/04 06:57 PM, Sebastian Holmqvist sat at the `puter and typed:

- > *Hi, I'm running a FBSD 5.2.1-p11 server on a 350 PII.*
- > *1 IDE is plugged in on the motherboard. The other two Seagate*
- > *Barracuda 200 GB SATA discs are plugged in on the controllercard.*
- >
- > *I get bad geometry in sysinstall (which is apparently a bug as far as*
- > *I know from searching old mail-lists). Fdisk states that 387621/16/63*
- > *is wrong. Inside is changes to 24321/255/63.*
- > *ST3200822AS is the product name for the hard-drive.*
- > *<http://www.seagate.com/cda/products/discsales/personal/family/0,1085,599,00.html>*
- > *is the datasheet.*
- >
- > *My problem is when I transfer large amounts of data to any of the discs.*
- > *Without warning, the whole system absolutely freeze up and I have to*
- > *manually reboot.*
- > *When I then run fsck it reports on several problems, among them a*
- > *SUPERBLK ERROR. I take it that's not good :p*
- > *The disc has to be formatted and we go again.*
- >
- > *The first time it happened, I acquired a fan since they seemed a tad*
- > *hot.. They were pushing 60°C. They are now around 35°C idle. High load*
- > *is probably putting them around 45°C I believe.*
- >
- >
- > *These are the theories I've come up with:*
- > *1) Both my discs are bad (brand new when I bought them)*
- > *2) The setup with the controller card and the motherboard doesn't work*
- > *3) FBSD can't handle the data-transfer very well after a while. Could*
- > *it be that the data goes to the IDE and then to the SATA-discs?*
- >
- > *Thanks in advance, I really don't know how to handle this. Or, well*
- > *I'm gonna try updating to 5.3 in a couple of days, since they have*
- > *better SATA-handling I've been told.*

