

freebsd boot and fsck problem

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/newbies/2003-08/0097.html>

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To: <questions@freebsd.org>

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Dear FreeBSD people

I started to learn and used FreeBSD from last year. And I found FreeBSD is really very powerful and lovely. But I am also a little scared of it, for then it has problem, I just do not know how to fix it.

Here I came up a big emergent problem this morning, and I wish you can give me your precious advice and help.

I have been using a script `drivecopy.sh` for a couple of months to do full backup once a week. This `drivecopy.sh` is a small scripts to copy whole IDE HDD (of freeBSD) to another HDD. Please have a look at the attached script `drivecopy.sh`. It worked very fine till yesterday.

Last night, As usual,I started `./drivecopy.sh` to backup my FreeBSD4.3 server (Disk1) on another HDD(Disk2). Disk2 has been used successfully as backup for more than 10 times with same procedure of `./drivecopy.sh`. So it seemed the start up going smoothly, then I left the server room. This morning, when I came to check the server and backup. (which was supposed to have finished). And I surprised to find all those horrible error messages on the console screen:

***start to quote error message

```
ad0s2e: had error reading fsbn 97103692 of 3473456-3473467(ad0s2 bn
97103692; cn 6044 fn 108 sn 28) status=59 error=40
cannot read: BLK 3473456
UNEXPECTED SOFT UPDATE INCONSISTENCY.
```

**end of error message quote

So I had to force to suspend the backup process by pressing Ctrl+Z. Then I tried to reboot Disk1. I had problem during the booting process.

**start to quote error message

....

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```
chflags: not found
chown: not found
cd: can't cd to /var/run
cd: can't cd to /var/spool/lock
/etc/rc: can't create /var/run/dmesg.boot directory nonexistent
cd: can't cd to /var/run
/etc/rc: cannot ceate
/var/run/clean_var:dirctory nonexitent.
Enter full path of shell or return for /bin/sh
.....
**end of error message quote
Then I just press Enter and came to the single boot mode. I typed the
following command to try to munually fsck the problem partition.
#fsck /dev/ad0s2e
The console then showed the following message.
**/dev/ad0s2e
**Last mounted on /www
**Phase 1 -check block & size
cannot read: BLK 19596336
UNEXPECTED SOFT UPDATE INCONSISTENCY
continue [y/n]
```

```
.....
Looks like the manual fsck doesn't working here.
Then I tried my luck to boot Disk2.Unfortunately, it showed the same errors
as Disk2 during booting.
```

Your advice will be highly appreciated.

Jennifer

P.S. The attached is my `drivecopy.sh`, which had worked fine for the previous backup processes except yesterday. So I do not think anything wrong with the `drivecopy.sh` itself. There must be something wrong with my yesterday's backup process, though I can not find out what it is.

freebsd-newbies@freebsd.org mailing list

<http://lists.freebsd.org/mailman/listinfo/freebsd-newbies>

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- application/octet-stream attachment: [drivecopy.sh](#)