

ext3 & bad blocks error

Source: <http://linux.derkeiler.com/Mailing-Lists/Debian/2005-12/msg00497.html>

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 - *Date:* Mon, 5 Dec 2005 21:52:10 +0100 (CET)
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Hi,

my power supply switched off suddenly last week while I was doing some update of system files last week. Since then, I am not able to boot the 2.6.13.4 kernel (with udev support) anymore, more specifically, my /home partition cannot be mounted and booting stops with the message:

```
"fsck.ext3: No such file or directory while trying to
open /dev/hda6: The superblock could not be read or
does not describe a correct ext2 filesystem. If the
device is not valid and it really contains an ext2
filesystem, then the superblock is corrupt, and you
might try running e2fsck with an alternate superblock.
fsck failed. Please repair manually."
```

No I have tried `fsck -c /dev/hda6` but this device cannot be found, although it is correctly in the /proc/partitions:

```
major minor #blocks name
```

```
3 0 39082680 hda
3 1 6835626 hda1
3 2 1 hda2
3 5 771088 hda5
3 6 31471303 hda6
```

After doing a manual `mknod /dev/hda6 b 3 6` I can run `fsck`, but the report does not show bad block or missing inodes. Neither does the report for the /root partition.

Mounting the /home from the linux 2.4.24.x kernel (with static devfs) works flawless, as does the boot from the live cd. Continuing booting with 2.6.13.4 times out after a while with some error messages on `init.d/rcS` script not correct.

Does anyone see what is happening here ? Or, do I need to reformat my whole harddisk ?

Thank you very much for your help.

Patrick

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