

## Re: SuSe 9.3: Bad sector on XFS volume, how to fix? CONCLUSION.

*Source:* <http://linux.derkeiler.com/Newsgroups/alt.os.linux.suse/2005-06/1393.html>

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OK, I got it right (finally):

1) I downloading from the Western Digital (disk brand), a software to scan (for defaults) and it necesarry fix (map out) bad sectors.

Did not find a bad sector.

Using a CDROM based Knoppix, I did reformat the volume ("mkfudfs"), and the ran again the "xfs\_repair" utility.

I then still got a couple of error... the first time, but at the second pass, it ran clean. Now my system is much faster too (retries were slowing down the system).

Could it be that the SUSE install do not reformat an XFS a partition which is already formatted as such?

Also it would make sense to only install SUSE on an healthy partition (xfs\_check for ex.) which is obviously not the case.

Conclusion: SuSE could/ (should?) enhance it support for XFS partitions: better detect, better install, better check.. and possible fix.

AFC3.

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Andreas Stieger wrote:

- > *AnonymousFC3 <ano@fc3.net> schrieb:*
- >> *Bad sector on XFS volume, how to fix them?*
- >
- > *Buy a new drive of equal or larger size.*
- > *Use dd\_rescue to copy the partition to the new drive.*
- > *Try to fsck and mount the filesystem from the new drive.*
- >
- > *Alternatively, buy SpinRite 6 from grc.com to try and restore*
- > *the bad sector. I'd buy a new drive in any case.*