

## Re: Too much hard drives failing

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Fedora/2007-01/msg03847.html>

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- *From:* Pablo Povarchik <[futurahost@xxxxxxxxxxxxxxxxx](mailto:futurahost@xxxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 26 Jan 2007 06:19:56 +0100
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Albert, thanks a lot for your answer.

The only log i can trace back now is

Device: /dev/sda, ATA error count increased from 11605 to 11610 because it's stored on our RequesTracker

I have also some notes about

ATA: abnormal status 0xD0 on port 0xE407

Jan 26 06:12:29 ns kernel: ata2: command 0x25 timeout, stat 0xd0 host\_stat 0x21

Jan 26 06:12:29 ns kernel: ata2: translated ATA stat/err 0xd0/00 to SCSI SK/ASC/ASCQ 0xb/47/00

Jan 26 06:12:29 ns kernel: ata2: status=0xd0 { Busy }

Jan 26 06:12:29 ns kernel: SCSI disk error : host 3 channel 0 id 0 lun 0 return code = 8000002

Jan 26 06:12:29 ns kernel: Current sd08:10: sns = 70 b

Jan 26 06:12:29 ns kernel: ASC=47 ASCQ= 0

Jan 26 06:12:29 ns kernel: Raw sense data:0x70 0x00 0x0b 0x00 0x00 0x00 0x00 0x00 0x0a 0x00 0x00 0x00 0x00 0x47 0x00 0x00 0x00 0x00 0x00

Jan 26 06:12:29 ns kernel: I/O error: dev 08:10, sector 0

Jan 26 06:12:29 ns kernel: ATA: abnormal status 0xD0 on port 0xE407

This is taken from of those broken disks that's still attached on the second port of one of the servers, i left it only to try figuring this out.

I tried replacing the cables, etc. But the disks are really broken. replacing them it works, maybe with no further errors.

Yes, i can remember about different error messages.

And i can only wait for it to happen again, if you need more logs

How did you work the 3Ware firmware thing?

Thanks a lot for the help

Re: Too much hard drives failing

Pablo

On Fri, 2007-01-26 at 04:57 +0000, Albert Graham wrote:

Hi Pablo,

What kind of failures are these ? hardware or disk corruption/software ?

I have about 40 SM servers (with SATA2, SG 500GB etc. running FC5) also using Reiser 3, I also had failures which I eventually traced to 3ware controller firmware, however I have not had any hardware failures.

Thanks.  
Albert.

Pablo Povarchik wrote:

Hello there

Im starting here because i really don't know which would the best place to look for help. If this is not the correct list, please advise. And if you can recommend any ML right for this, please let me know.

Words said, let's go to the point:

We have recently added 20 servers to our little farm, 7 of which were having hard failuers on disks (SATA, Seagate, good brand new SuperMicro boxes)

The fact is that this failures are coming up right after we decided to move to reiserfs.

Can 7 out of 20 hard drives be defective (yes, of course, but what is the % probability for this)?

Can this anyhow be related with reiserfs?

Sata2  
Seagate  
SuperMicro  
Fedora core 5

Any help will be more than appreciated

Thanks a lot

