

SUMMARY: error messages from hard disk

Source: <http://unix.derkeiler.com/Mailing-Lists/SunManagers/2006-08/msg00292.html>

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 - *Date:* Mon, 28 Aug 2006 18:33:39 +0300
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On Mon, Aug 28, 2006 at 11:20:40AM +0300, Athanasios Douitsis wrote:

Hi everyone,

I got this from one of my machines:

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scsi: [ID 107833 kern.warning] WARNING: /pci@1f,4000/scsi@3/sd@8,0 (sd7):  
Error for Command: read(10) Error Level: Retryable  
scsi: [ID 107833 kern.notice] Requested Block: 18739904 Error Block: 44645507  
scsi: [ID 107833 kern.notice] Vendor: SEAGATE Serial Number: 3HZ04FWP  
scsi: [ID 107833 kern.notice] Sense Key: Media Error  
scsi: [ID 107833 kern.notice] ASC: 0xc (write error), ASCQ: 0x0, FRU: 0xd3  
scsi: [ID 107833 kern.warning] WARNING: /pci@1f,4000/scsi@3/sd@8,0 (sd7):  
Error for Command: read(10) Error Level: Retryable  
scsi: [ID 107833 kern.notice] Requested Block: 18739904 Error Block: 44645510  
scsi: [ID 107833 kern.notice] Vendor: SEAGATE Serial Number: 3HZ04FWP  
scsi: [ID 107833 kern.notice] Sense Key: Hardware Error  
scsi: [ID 107833 kern.notice] ASC: 0x44 (internal target failure), ASCQ: 0x0, FRU: 0xd3
```

This disk is one of the two mirrors on a RAID-1 setup using SVM. Metacheck says everything ok.

Is this a preamble to a complete failure of the disk, or just a bad block? Should I ignore or have the disk replaced?

Many thanks in advance for any response,

Cheers,
Athanasios

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<http://www.sunmanagers.org/mailman/listinfo/sunmanagers>

Many thanks to everyone for your speedy reply,

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The general concensus is that this kind of errors probably signify that some block has gone bad inside the disk. Some managers have suggested to use the "format" command with either the "defect" subcommand to count the defects or the "analyze" subcommand to possibly make repairs. However to use "analyze" the disk must be unmounted. Since this is a disk that is a submirror, detaching it and reattaching it to SVM may prove more work than its worth it.

Most of the replies say that if the problem reappears several times, it will be a good time to change the disk. But if this is a single occurence, it can be ignored, at least temporarily.

Kind regards,
Athanasios

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