

## Re: [SLE] Changing Installation Source brings to filesystem crash

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/SuSE/2005-12/msg00507.html>

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- *From:* "Lonn" <[lonn@xxxxxxxx](mailto:lonn@xxxxxxxx)>
  - *Date:* Mon, 5 Dec 2005 14:15:04 -0500
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Sergey's message was in HTML format, so go to ===== below for response

To: [lonn@xxxxxxxx](mailto:lonn@xxxxxxxx)

Subject: Re: [SLE] Changing Installation Source brings to filesystem crash

Here what I found from 'cfdisk':

hda1 Boot Primary W95 FAT32 (LBA) 9434.40

hda5 Logical W95 FAT32 19518.59

hda6 Logical Linux ReiserFS 10018.40

hda7 Logical Linux swap / Solaris 1044.62

I have two disks C: and D: in my Windows XP, that seem to be hda1 and hda5 (I have also checked it when was mounting them). They were nearly full(I even was getting a warning message each time I was entering the YaST). Now I cleared them so my C: now have about 1Gb free space and my D: now have about 2.5Gb free space.

My Linux is on hda6 which is 9.3Gb as it shows from hda6's properties(now without copying the DVD it has 6.7 Gb free space)

and I have a swap space which is about 1Gb.

What about working till late...yes, I am on my last year in University(getting my B.S. soon) and this summer I am getting my diploma in Physics. Now I am working on some article (which means I had to stay at University till late evening) and besides it's a hot period of intermediate exams for me. So the only time for me to work is nights.

But I was not thinking that it can be felt from my posts...seems it is only you who haven't annoyed from me!

I was working at Open Source firm, where I was doing mostly Java and JSP. That was the place where I inspired to learn Linux. But it is very new for me, maybe I should learn some more about linux and only then start posting my problems. I don't know...

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Thank you for your wish to help me, I highly appreciate it.

Best,

Sergey Mkrtchyan.

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Your message to me was HTML format, so makes it difficult to properly manage it and send it to the list. But above is best I could do, hurriedly.

The believe the list is for learning, helping, sharing development issues, etc. I don't believe you are [OT] by any stretch of the imagination. Maybe you have a tough go in explaining your situation because you don't know what others might need to know to get a focus on possibilities for recovery.

I see some new information. Your recovery says your Linux partition is full. You cannot operate with a full file system. And – if that partition is corrupt (more likely "full") how can you copy anything into it? So the file system must be alright, but I haven't any idea what the result might be of copying the distro into your Linux partition. It is strange that recovery says 6.7 GB is free and disk magic says "full." Can you resolve that – explain it?

Are all of your partitions ACTIVE?

Do you have two hard disks or is D: a logical disk?

Altogether do you have about a 40 GB disk?

It seems all of your Linux is in one partition, except for swap. You will find a better way someday, as each partition may be treated separately in recovery and mount. Having all in one partition is not the best way to operate.

I think you can "defrag" XP when it is on FAT32. So "defrag" your XP and see how much of it is unused. Then you may find that you have recoverable space that could be used for a fresh Linux OS.

If you use disk magic without understanding where you are going, "all" can be lost. Does disk magic have a "resize" program to resize or shrink a partition? Maybe a third party prog is needed. Can find some assistance from a colleague at your workplace. That is highly recommended, as any partition changes can be \*fatal\* if done incorrectly. Your objective is to have room for an install that does not use any of the space of the crashed Linux.

In that regard, maybe you cannot do an autoinstall, but must customize a bit.

GRUB must be configured to look for the "new" Linux OS, else it will continue to find the old one and the "16" error. It is possible that the

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error is in GRUB and not in the file system – but chance is only slight. You can clean up the older Linux, later, after thorough investigation.

Tell me, do you or others spot errors in this thinking that may prevent a fresh install on different partitions. Particularly, I don't recall if XP has "defrag" because XP can be installed on NTFS, which MS does not defrag so maybe defrag is not in your XP, so maybe you will need a third party defrag program.

Lonn

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Also check the archives at <http://lists.suse.com>  
Please read the FAQs: [suse-linux-e-faq@xxxxxxxx](mailto:suse-linux-e-faq@xxxxxxxx)

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• *Follow-Ups:*

- ◆ **[Re: \[SLE\] Changing Installation Source brings to filesystem crash](#)**  
    ◇ *From:* Sergey Mkrtchyan
- ◆ **[Re: \[SLE\] Changing Installation Source brings to filesystem crash](#)**  
    ◇ *From:* Jerry Feldman

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