

Re: Problem "Un-cloning" HD

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<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2008-08/msg04543.html>

- *From:* "Dave" <djbahb@xxxxxxxxxx>
 - *Date:* Sun, 24 Aug 2008 20:58:58 -0500
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Tim -

What does the new HD look like in the old HD's Disk Management utility?

As I noted before, Disk Management shows the Cloned HD (WD320G) as DRV4_VOL1 (C:), 298.09 GB NTFS.

Notice it did come out as drive C: - I thought that was progress :-)

Does the used space on the new HD equal the used space on the old HD?

Using Computer Management routine, new HD is ~298.09G capacity, ~275.45GB
Free Space = 22.64G used
Old HD capacity 37.25GB, Free Space 16.17 GB = 21.08GB
That's pretty close, especially for WD

That "DRV4_VOL1" is mysterious

I have no idea where that came from - was hoping you might tell me. FWIW, I did quite a bit of inquiring about cloning on MS Newsgroups, and was told by several that the WD routine was what I wanted and worked well for several commenter's. Go figure!

I'm wondering if I should find some more specific cloning software and start over. The only problem with that is that my comp will not boot on my old drive for some reason. Assuming that means it is corrupt somehow, I don't want to clone a corrupt drive.

I don't think my BIOS is helping. The only drive option I have for HD's is the C: drive, and that's exactly what it's doing - booting on the C:, which just happens to be the external cloned drive. I don't have any way to change the BIOS to look directly for the D: drive. Also, there is no default option on the BIOS. I have checked and found an update on the BIOS, but Dell refers to it as 'optional' I believe the word was. I hate to start that, since it just another change which I shouldn't need at least to get

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back to where I was.

What to do?

Dave

"Timothy Daniels" <NoSpam@xxxxxxxxxxxxxxxx> wrote in message
news:uturCFIBJHA.3392@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

I took a look at the .pdf for the User Manual for Data Lifeguard Tools on the Western Digital website, and it (the manual) is terrible. It refers to copying a bootable hard drive, then it describes folder-to-folder copying. Since the purpose of providing it is presumably to clone an entire hard drive to another hard drive, it must be making a clone. What does the new HD look like in the old HD's Disk Management utility? Does the used space on the new HD equal the used space on the old HD? That "DRV4_VOL1" is mysterious. If it refers to a dynamic drive, I'm at a loss....

TimDaniels

"Dave" wrote:

Thank you Tim – I'll do my best
I'm back on my own comp again – I'll tell you how in a minute
(not good)–

- 1) Data Lifeguard Tools CD which came with new Western Digital 320G HD
- 2) I do not remember seeing that as an option
- 3) Copy the whole disk (which only shows 1 partition) Again, I don't recall seeing that as a option
- 4) Good question – they never use the word 'clone' – just 'copy' (can't get at the exact language right now) Don't recall seeing the word 'image' either.
- 5) External drive was USB – this is an EIDE setup, all jumpers in Cable Select

Now – the present status:

The system will come up one way, and one way only (and believe me I have tried a lot of combinations):

- 1) Original HD (Hitachi 40G) as only internal – system recognizes it as Local Disk (D:) 37.25 GB NTFS This is the disk which I originally cloned FROM
- 2) Cloned HD (WD320G) as external, Computer Management recognizes it as DRV4_VOL1 (C:), 298.09 GB NTFS.

I hadn't noticed the "VOL 1" notation on the 320G drive. Is that a clue

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to what you are asking?

Anyway, I don't know what else to add, but I would greatly appreciate your comments.

Dave

"Timothy Daniels" wrote:

"Dave" wrote:

Wanted to replace my full primary HD with
a larger one.
Cloned a new drive as an external...

OK, back to basics.

- 1) What utility did you use to make the "clone".
- 2) Some utilities give you the option of copying the MBR or not. Which kind do you have?
- 3) Did you tell it to copy a partition or all partitions, i.e. the entire disk? (Some people, knowing that they have just one partition, just copy the partition.)
- 4) Did it make an actual clone (a byte-for-byte copy), or did it make an image file? (If it offered you the option of compressing the result, it was an image file.)
- 5) Was the "external drive" a USB/Firewire drive or an eSATA drive?

In short, you haven't told us enough to be able to really help with a diagnosis.

TimDaniels