

Re: A Problem With Replacing a Windows XP Computer System's Disk Drives

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.hardware/2007-07/msg00586.html>

- *From:* "Rich Barry" <rbarry@xxxxxxxxxxxxx>
 - *Date:* Sat, 21 Jul 2007 13:33:28 -0700
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Sorry Rich, about that link. I saw Procedure for and thought that's what it was. I don't know if it's feasible to image or transfer a raid array from one set of drives to another. Frankly I have never heard it done. I think that's why you get a lack of response for your post.

"RRTRACKS" <u34362@uwe> wrote in message news:7570c4478cdd6@xxxxxx

The problem is transferring everything on my current hard drives (4) onto a replacement set of hard drives (2). The reason I am doing this is because I have been getting bad cluster reports. This is a problem I have recently asked assistance for on this board. Because there was not any assistance given I thought that describing the problem with a little less discussion might be more productive. There is just one comment I would like to make before continuing. The reason I am asking for help is because I know next to nothing about Windows as should be obvious by some of the just plain nutty things I have done.

The relevant components of my current computer system consist of the following:

OS: Windows XP Home
HDs: Four IDE 250GB drives in two Raid 0 Arrays
Raid Controller: Silicon Image Ultra-133 Medley ATA Raid Controller
MB: Asus P4800-E (Uses the Intel 865PE chip set)
Processor: Intel P4 3.2 GHz
Memory: 2GB DDR2 3200

According to Disk Manager the arrays are partitioned (In GBs) as follows:

Set 1: 22 (OS); 9; 5, and 269
Set 2: 467

Set 2 is where I have been getting the bad clusters. So far I have not had any observable problems with either Windows or any of the programs I have

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been running.

The replacement drives I wish to use are two Seagate SATA 500GB drives utilizing the MB controller.

The most recent attempt to transfer the drives consists of the following partitions (In GBs):

Drive 1: 49 (OS), and 416

Drive 2: 7; 7, and 450

A summary of the most relevant efforts and the resulting problems follow.

Partitioning and formatting just one drive with either Seagate's or Windows software resulted in the following problem. A disk copy of the operating system to the new partition with Norton's Ghost including the MBR would not work.

The progress bar would do its thing, the Windows XP Home Screen would be displayed and then a blue screen similar to the next normal start up screen would be displayed. It differed from the normal start up screen in that it did not briefly display the message, Windows is Starting, and did not contain the text "Windows Home XP", just the text " Microsoft Windows" with the same screen. At this point the boot process would lock up.

Using the software provide by Seagate to copy the boot partition was successful in getting the computer to boot to the Desktop. However upon copying the data to the second partition using either the utilities provided by Norton or Seagate caused the same problem with the boot sequence described above. The drive letters of the data added to the additional partition were the same. As the problem I am having is occurring before Windows even starts up this would not seem to be an issue.

Any thoughts about what might be causing this problem or thoughts about how to deal with it with even a best guess approach would be greatly appreciated.

Thanks,

Rich

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Message posted via WindowsKB.com

<http://www.windowskb.com/Uwe/Forums.aspx/windows-xp-hardware/200707/1>