

# Re: Space running out

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2007-09/msg01058.html>

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- *From:* "Larry Struckmeyer" <lstruckmeyer(at)mis-wizards(dot)com>
  - *Date:* Sat, 8 Sep 2007 08:05:27 -0400
- 

Looks like that board is:

- a: intended to be a desktop board, not a server board
- b. probably ok until you have reason to change, but not one that I would trust my business to
- c. capable of controlling 6 SATA drives, but only 2 in RAID1, (as opposed to multiple sets of RAID1)

[http://www.gigabyte.com.tw/FileList/FAQ/mb\\_faq/faq\\_e\\_gsata2 RAID.pdf](http://www.gigabyte.com.tw/FileList/FAQ/mb_faq/faq_e_gsata2 RAID.pdf)

so, your decision points are:

1. Stay with a single drive and make backups and hope that when the drive fails, and it will, you can find another drive and that your backups work
2. Call the mobo mfg, or some other way determine if you can mirror (the common term for RAID1) two identical drives AFTER the OS has been installed. My guess is you cannot.
3. Find an add on controller that will let you mirror the drives after the OS has been installed. I am sure that both Adaptec and Promise make such controllers, and that their support folks will help you, and that it won't break the budget.
4. Use Windows Software Mirroring, which will involve changing your disks to dynamic and then creating the mirror.
5. Do it yourself, or find a competent SBS savvy consultant who will help you for reasonable fee, and whom you can call on when things go bump in the night.

For any of the above, you should have a complete backup on tape or external USB or Firewire drives. Preferable two backups that have been at least partially tested.

Once you have all the hardware straightened out, and a plan for where you are going, you need to investigate software that will either image your data or repartition your drives, or both.

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But you can either take a little controlled pain and get the drives mirrored, or you WILL take a lot of uncontrolled pain when the drive fails, as it will.

Larry

"Poodle" <Poodle@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:593BB3B2-EEC3-4DD2-AD1C-C6886666F6FD@xxxxxxxxxxxxxxxxxxxx](mailto:news:593BB3B2-EEC3-4DD2-AD1C-C6886666F6FD@xxxxxxxxxxxxxxxxxxxx)

Its a Gigabyte GA-965G-DS3.

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Poodle  
CCNA

"Larry Struckmeyer" wrote:

Ok, so here is what I would do.

Using the info that I sent you earlier, move as much stuff off the C drive as you can just to buy a little time.

Investigate the mobo that you have to see if its SATA controllers can be RAID1. Post up the model number and I will look.

If mobo is capable of RAID1, then you have a decision to make, cause on board controllers can be flaky.

If mobo is not, then you need a RAID1 SATA controller, and, depending on the quality and reputation of the one, if any, on the mobo, you may need one anyway.

OR, for no additional money, you could use software raid.. it is built into Windows, and it works perfectly well, although there are some / many, who would disagree.

You have the ball...<g> what is the model of the mobo?

Larry

"Poodle" <Poodle@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:AF873064-409B-4ECB-9DD2-06B458379A92@xxxxxxxxxxxxxxxxxxxx](mailto:news:AF873064-409B-4ECB-9DD2-06B458379A92@xxxxxxxxxxxxxxxxxxxx)

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Yes, 220GB of data is more than enough for uis.

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Poodle  
CCNA

"Larry Struckmeyer" wrote:

re Pagefile.sys

While technically you only need one, the system may work better with two.

But if your system partition (drive C normally) is full, you can remove the pagefile.sys from C. It will require a restart.

start-my computer - right click - properties - advanced tab - performance - settings - advanced - Virtual Memory - change

set C to 0, but you MUST leave at least one, D or E or both.

You did not answer: is 220GB of data space enough?

Larry

"Poodle"

<Poodle@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:4278BBCB-1938-48CE-BDE7-004C5BB7850F@xxxxxxxxxxxxxxxxxxxx](mailto:news:4278BBCB-1938-48CE-BDE7-004C5BB7850F@xxxxxxxxxxxxxxxxxxxx)

The only files backed up on the server are documents from users and they are currently at about 15GB looking at the users folder.

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They are going  
to  
increase with time due to  
expansions in the company.

We've also kept some  
software that we download  
from the net,  
specifically  
service packs from  
Microsoft.

The server is self assembled,  
running Core 2 Duo E6600,  
Gigabyte  
Board,  
2  
x  
250GB SATA HDDs and  
4GB memory.

Im also noticing a hidden  
file on both the D and E:  
drives called  
pagefile.sys. Its huge on  
both drives, actually about  
4GB per drive.  
What  
is  
it and why is takin up so  
much of my space?

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Poodle  
CCNA