

microsoft.public.sqlserver.server: Is this some structural problem?

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Hello-

We were on SQL 7.0 / Windows NT and have moved to SQL 2000 sp4a / Windows 2003. Since upgrade, we have seen some strange behavior.

Following are some of the observations so far:

1. We have witnessed exceedingly large database restoration timings. With SQL 7.0, it used to take around 1.5-2.0 hours to restore database sized 125+ GB (with around 70 GB of data... we had some fragmentation problems!). Now, the whole process takes from 4 to 9 hours. The restoration times are very large when restored the first time (true, I am trying to create a database as well).
2. We are using a vertical solution that used to have high level of fragmentation. The fragmentation used to be so high that it used to increase data device to 122+ GB with actual data of ~ 65+ GB. This forces me to rebuild indexes and run the maintenance DBCC on every weekend. Since upgrading to SQL 2000, this problem has reduced a lot. But, the maintenance job timings since upgrade have also increased by 50% (it used to take ~ 8 hours and now the job is taking ~ 12 hours).
3. On at least two occasions (the latest on last Friday), the database has generated exceedingly large transaction log backups. True, the application system administrator has told me there was a runaway process that might have created exceedingly large logs. But, the backups were so huge (+61 GB) that it filled up the whole backup drive resulting in failures for other transaction log backups till I cleaned the drive and took a full backup. The normal hourly transaction log backups have total of size of 600+ MB (624 MB as of now).

My question is: Am I seeing some kind of structural problems and has anyone encountered similar problems?

Please share your experiences and expertise.

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Regards,

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