



I get an error when trying to archive or backup to a USB Hard Drive stating there is not enough space.

USB Hard Drives are a useful form of backup media, which can have a large capacity and good throughput of data. For this reason they are becoming quite commonly used for Exaquantum backups and archiving.

One potential problem with USB Hard Drives is that many of them come formatted with a FAT32 file system and this has a limitation of 4 GB maximum file size for an individual file. When a user tries to create or modify a file on a FAT32 file system and the file exceeds 4 GB, the error returned incorrectly states that there is not enough room on the drive, which can be very confusing.

Exaquantum backups and archives can easily exceed this size and will fail, usually generating an error in the event log from SQL Server stating there is not enough space.

The solution to this problem is to ensure that the disc is formatted to have an NTFS file system. If this problem is detected with a drive that already has data then reformatting is not possible without data loss. In this case, the alternative is to use the Convert command as follows:

Click Start | Run and type "cmd" and press **Enter**

Type `CONVERT [driveletter:] /FS:NTFS` and press **Enter**

When the command completes the drive will be converted to NTFS with the existing files intact

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