

Re: normally take LONG time to backup an ntbackup file using ntbackup?

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- *From:* "Pegasus \ (MVP)" <L.can@xxxxxxx>
  - *Date:* Thu, 18 Jan 2007 12:32:07 +1100
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"David" <nospam@xxxxxxxxxx> wrote in message  
<news:eILKALpOHHA.2312@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>

windows 2000 server backs up data from itself and other machines to

another

server over the network resulting in about a 24GB ntbackup .bkf file. This bkf file is on a windows server 2003 machine which then backs it up using ntbackup to a locally attached DLT 8000 tape drive. The first backup, the one over the network to the 2k3 server, takes a little over 3 hours. Then the backup from that 2k3 server to the tape drive takes about 12 hours! Is that normal?

The backup file is 24 GB. The tape drive is a DLT 8000 which has a compressed 80GB capacity and a transfer rate of 12MB/s. Thats 96mbps

(12\*8)

which is very close to the 100mbps network. So if I'm thinking about this correctly the 'over the network' transfer rate and the 'tape drive' transfer rate should be about the same. So I assumed the backup jobs

should

be about the same... in fact I assumed the backup to tape would even be a little faster since the first backup did the task of compressing all the

raw

data into the one .bkf file.

what could be causing this difference in time? Is this normal? am I just missing where the bottleneck actually is on the second backup job... maybe the SCSI bus itself? maybe ntbackup choking on trying to compress the already compressed bkf file?

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I suspect your tape drive can do about 12 MBits/s (rather than 12 MBytes/s), which is about 1 MByte/s after allowing for control bits etc. A 24 GByte file would take some 24,000 seconds to back up, which is about 7 hours, which is in the same ball park as the 12 hours you observe.

Your best bet is to carefully read the manual and the specs that came with the tape drive. Note that your times will double if the verify switch is on.