

# Re: [SLE] PROBLEM WITH TAPE HARDWARE COMPRESSION

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/SuSE/2005-12/msg02891.html>

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- *From:* Greg Freemyer <[greg.freemyer@xxxxxxxx](mailto:greg.freemyer@xxxxxxxx)>
  - *Date:* Fri, 30 Dec 2005 11:52:06 -0500
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> > Also remember that you will never get 40G of data on the 20G tape using  
> > compression. Binary files never compress 50% and actually compress very  
>  
> Neither of those statements are strictly true. I've seen ratios of 10:1  
> or better. It all depends on the nature of the data that you are backing  
> up. Now, I don't know if hardware compression can do quite that well,  
> but gzip certainly can, and bzip is even better (although \*far\* more  
> expensive).  
>

RE: Hardware compression.

I have some highly compressable data I backup. Sometimes the tape drive will just stop spinning for 30 seconds or more at a time. When I look to verify nothing is broken I see that data is pumping out at 20 MB/sec or more, so it is the highly compressible nature of the data that is allowing the tape drive to basically idle.

Greg

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Greg Freemyer  
The Norcross Group  
Forensics for the 21st Century

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- *References:*
  - ◆ **[SLE] PROBLEM WITH TAPE HARDWARE COMPRESSION**  
◇ *From:* KRAMO FIACRE
  - ◆ **Re: [SLE] PROBLEM WITH TAPE HARDWARE COMPRESSION**  
◇ *From:* Ken Schneider

Re: [SLE] PROBLEM WITH TAPE HARDWARE COMPRESSION

◆ **Re: [SLE] PROBLEM WITH TAPE HARDWARE COMPRESSION**

◇ From: Jon Nelson

- Prev by Date: **Re: [SLE] Lean & Mean!!!**
- Next by Date: **Re: [SLE] OpenOffice 2.0 AND 2.1**
- Previous by thread: **Re: [SLE] PROBLEM WITH TAPE HARDWARE COMPRESSION**
- Next by thread: **Re: [SLE] PROBLEM WITH TAPE HARDWARE COMPRESSION**
- Index(es):
  - ◆ **Date**
  - ◆ **Thread**