

## Re: Disk with NTDS failing

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-05/msg01641.html>

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- *From:* Jim Behning SBS MVP <[jimbehning@xx](mailto:jimbehning@xx)>
  - *Date:* Mon, 12 May 2008 23:17:48 -0400
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I have one account backing up over a 100 gigs every night twice. Once using NTBackup to usb drive starts at 5:00 pm. A second backup using Backup Exec to DLT tape starts at 11:00 pm.

I have backed up the system state and Exchange separately from other stuff when I was having issues.

On Mon, 12 May 2008 19:56:00 -0700, Pallium  
<[Pallium@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Pallium@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote:

Thanks Cliff and Jim,

So, any clue about my experience? Is a 79 GB backup file unusual? There sure seemed to be enough hits on the 'net about this "unrecognized media" error I got.

Would it be advisable to do two separate backups, one of system state, and one of my Exchange mail data?

-Bryan

"Jim Behning SBS MVP" wrote:

I have restored from scratch a server using NTBackup. I am not alone on total server restores using NTBackup. Disaster recovery 101 is doing test restores frequently. Part 2 is having multiple go back restore files.

On Mon, 12 May 2008 12:38:01 -0700, Pallium  
<[Pallium@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Pallium@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote:

I never did get the backup to restore. However, I *did* finally get things working. The drive that was dying, that had Active Directory on it...right

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before it died, I copied SysVol and NTDS to another drive.  
Good thing. That's  
what saved me.

I put those onto the replacement drive, with the same drive  
letter, and SBS  
started up ok. I'm back online and getting mail.

This experience, however, has left my faith in ntbakup  
deeply shaken. I  
need a \*reliable\* backup mechanism, and my experience this  
weekend is \*not\*  
giving me that feeling.

Is there something better than ntbakup? Are there best  
practices written  
down somewhere? I really need to avoid this kind of  
headache in the future.

-Bryan

"Pallium" wrote:

Hi everyone,

I've got an SBS 2003 SP2 server. The disk  
on which NTDS resides (not the  
boot disk), is failing, and keeping lsass.exe  
from starting. I can boot into  
Directory Services Restore Mode, logged in  
as machine Admin.

My AD event log has events indicating that  
AD can't access its database,  
such as this (event ID 508)

NTDS (412) NTDSA: A request to write to  
the file "C:\NTDS\temp.edb" at  
offset 172032 (0x000000000002a000) for  
122880 (0x0001e000) bytes succeeded,  
but took an abnormally long time (122  
seconds) to be serviced by the OS. This  
problem is likely due to faulty hardware.  
Please contact your hardware vendor  
for further assistance diagnosing the  
problem.

SO:

How do I move directory services  
(x:\NTDS) to a different disk? Or if that

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is impossible, recreate it on another disk?

Thanks,  
Bryan

See what SBS support is working on  
<http://blogs.technet.com/sbs/default.aspx>  
Check your SBS with the SBS Best Practices Analyzer  
<http://blogs.technet.com/sbs/archive/tags/BPA/default.aspx>

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<http://blogs.technet.com/sbs/archive/tags/BPA/default.aspx>