

Re: Batch ntbackup to external hard drives (new version – Sept 2006)

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2006-09/msg00399.html>

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 - *Date:* Sat, 9 Sep 2006 14:37:10 -0700
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Trying a different method of posting to see if I can fix the line wrapping in my previous post...

Below is a new version of the backup script that I posted to USENET back on 5 July 2005. This new version can also be found at:

<http://www.derkits.com/apps/serverbackup.txt>

(be sure to change the file attribute to .cmd before using it)

The main improvements are:

- The errorlevel handling now works, so disk space issues and other failures with ntbackup and/or robocopy should be properly reported.
- I was able to wrap all of the long lines in the script so that no line exceeds 80 characters. I used the "^" character and variables to achieve this. Hopefully, when I post this through Google Groups, it will not wrap it at less than 80 characters. If there is line wrapping on this posted version, you may want to instead get the script from the above URL.

One caveat:

- Robocopy, when run in a batch script, can have problems with very large backup (.bkf) files. I have noticed this with individual .bkf files that are around/over 110GB in size, and it is more likely to occur on servers that have the /3GB switch enabled in boot.ini. In some cases, rebooting the server will resolve the problem, at least temporarily. One workaround is to copy the file manually, using robocopy or another method. But, if you are encountering this error often, then your infrastructure may have outgrown the capabilities of this script. For additional information on this robocopy "bug", search the web for: robocopy insufficient resources. See also:

<http://support.microsoft.com/default.aspx?scid=kb:en-us:Q259837>

Some text from my earlier post is still relevant, so I'll repeat it here.

"Below is a batch-based script that I have developed for a few clients in setting them up with disk-based backup (using USB2 and/or FireWire external hard drives, such as those available from AcomData and others).

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I'm posting it here in case anyone has a use for it.

This material is supplied without any warranty or support. You should periodically test the quality of your backups no matter what backup software you use, including running test restores on test hardware.
Alth