

Re: Converting to NTFS

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From: Michael Cecil (macecil@attbi.com)

Date: 02/07/03

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On Thu, 6 Feb 2003 17:00:53 -0800, "Frank" <hpum@yahoo.com> wrote:

> *I want to take advantage of PERMISSION Features of NTFS*
> *and want to convert from FAT 32, however, I am concerned*
> *about this:*
> *Volumes converted from FAT to NTFS lack some performance*
> *benefits compared to volumes initially formatted with*
> *NTFS.*

Yes, you need to align the clusters so they can convert to the 4K clusters NTFS prefers to use. You can use BootitNG's free demo to "slide" the partition to do this.

> *On converted volumes, the MFT might become*
> *fragmented.*

Sure. That's what defraggers are for. I don't know if the built-in defragger can handle this, but I think all the 3rd party ones can. Usually this entails boot-time defragging. I like PerfectDisk.

> *In addition, on converted boot volumes, NTFS*
> *permissions are not applied after the volume is converted*
>
> *I searched the MSN knowledge base and found this:*
>
> *PRB: File Security Issues After Converting FAT32*
> *Partitions to the NTFS File System at*
> *[http://support.microsoft.com/default.aspx?scid=kb;en-](http://support.microsoft.com/default.aspx?scid=kb;en-us;810142)*
> *us;810142.*
>
> *DO THEY MEAN THE SAME? Will converting affect me using*
> *PERMISSIONS EFFECTIVELY IN FILES AND FOLDERS?*

Yes, this is a known problem. If your sole purpose of converting to NTFS is for the enhanced security features, it's better to do a clean

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install and select NTFS this time.

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