

Re: Advice needed on partitioning HD for XPPro

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.setup_deployment/2004-03/2510.html

From: Jim (*null_at_null.com*)

Date: 03/28/04

Date: Sat, 27 Mar 2004 18:05:04 -0800

RE: FAT32 being limited to 32GB

You can't create a FAT32 >32GB in XP, but you can use other utilities, such as BootIt NG, Partition Magic, etc., to create >32GB, and XP will happily read and write to it.

Jim

"Pegasus (MVP)" <I.can@fly.com> wrote in message
news:uO%23GrhEFEHA.4080@TK2MSFTNGP09.phx.gbl...

>

> "A Colwood" <ac@nbco.nospam.demon.co.uk> wrote in message

> news:OQyXWcDFEHA.580@TK2MSFTNGP11.phx.gbl...

>> Hi,

>>

>> I am about to install Win XP Pro on a system presently running Win ME. I

>> would appreciate if anyone can advise me about partitioning a large HD in

> XP.

>>

>> My current arrangement is as follows:

>>

>> Drive 0: Maxtor 120GB

>>

>> C: 18GB Windows and application programs

>> D: 2GB Windows swap file

>> E: 50GB Data

>> F: 50GB Data

>>

>> Drive 1: Seagate 20GB

>>

>> G: 20GB Backup files

>>

>> (The swap file is on a partition on drive 0 because I figured it is
still

>> faster than putting it on drive 1 which is older and slower.)

>>

>> All partitions are FAT32. The system has 512MB of memory and the swap

file

> > *is set to a minimum size of 512MB. (It only really uses much swap file*
> *when*
> > *I'm really pushing the system with PhotoShop and GoLive.)*
> >
> > *The Microsoft site recommends partitioning as one huge NTFS volume which*
I
> > *don't really like the idea of. MS also suggests that the paging file in*
XP
> > *should be on the same partition as the OS for efficiency.*
> >
> > *Would a sensible compromise be to combine the C: & D: partitions as a*
> *single*
> > *NTFS volume for the OS and page/swap file and application programs and*
> *keep*
> > *my separate Data partitions?*
> >
> > *Also, should E: & F: be converted to NTFS or can they be left as FAT32?*
> >
> > *I hope I haven't been too long winded with this query.*
> >
> > *TIA*
> >
> >
> > --
> > *Antony Colwood*
> >
> >
> >
> > *I would never run a system with just one single partition.*
> *At the very least I would do this:*
> - *Drive C: Operating system, Applications*
> - *Drive D: Data*
>
> *In some cases, extra partitions may be required.*
>
> *WinXP will happily run with FAT32 and NTFS partitions.*
> *The differences are:*
> - *FAT32: No security, easier to access when things go wrong.*
> - *NTFS: Good security, hard to deal with when problems arise.*
>
> *I seem to recall that FAT32 partitions are limited to 32 GBytes*
> *but I'm no sure if this applies to WinXP.*
>
> *In spite of what other posters say, NTFS is slower than FAT32.*
> *For folders up to around 2000 files, the difference is barely*
> *noticeable. When accessing large folders (10,000 files), NTFS*
> *runs at around half the speed of FAT32.*
>
>