

Re: How to switch OS to another HD?

Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.general/2004-11/1952.html>

From: Vic (*nospam_at_bogusaddress.com*)

Date: 11/17/04

Date: Wed, 17 Nov 2004 12:37:16 -0500

Pegasus,

Great instructions and very helpful comments. I tried booting from W2K CD to access the repair function and all worked well. Great 'repair' tip, I think that (bootloader) has been the greatest concern. It will be a little bit before there's time to transfer the system but all should go smoothly!

BTW, in the response below you mentioned to be sure to use the correct command switches when using 'xcopy' (should be XXcopy). Well, they have a /CLONE switch which 'clones' everything, so the XXcopy author made it real simple! If you're not familiar with their software you might have some interest, I've used it for many years. It is W9x, ME, W2K and XP compatible.

Thanks again for the detailed instructions, a tremendous help!

Vic

"Pegasus (MVP)" <I.can@fly.com> wrote in message
news:OIycFZKzEHA.1196@TK2MSFTNGP15.phx.gbl...

> *Here is how option c) works. It assumes that you have these disks:*

> – *Old disk (containing your existing OSs)*

> – *New disk (empty)*

>

> *1. Temporarily install the old disk and the new disk in some*

> *Win2000 PC. Connect them to the secondary controller.*

> *2. Start Win2000.*

> *3. Create the same partitions on the new disk as you had on the old*

> *disk (but choose sizes that suit you).*

> *4. Use xcopy.exe to copy each partition from the old disk to*

> *the corresponding partition on the new disk. Make sure to*

> *use the correct switches in order to copy hidden files and*

> *file/folder ownership.*

> *5. Install the new disk in your PC. Do not connect the old disk.*

> *6. Boot it with a Win98 boot disk (www.bootdisk.com).*

> *7. Run fdisk.exe and set your first partition to "active".*

> *8. Boot the machine with your Win2000 CD.*

> *9. Select "Repair", then "Command Console".*

> *10. Run fixboot and fixmbr.*

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>
> *Your machine should now boot into the same OSs as before.*
>
> *The Win2000 boot manager works by examining the lines in*
> *c:\boot.ini, then passing control to whichever item you select.*
> *There are far better ways of managing a multi-boot process*
> *(e.g. with XOSL, which is free), but they require you to*
> *reload the OS that you have on drive F:.*
>
>
> *"Vic" <ke4qjk@qsl.net> wrote in message*
> *news:OcjnO5JzEHA.908@TK2MSFTNGP11.phx.gbl...*
> *> Pegasus,*
> >
> > *In reading your tips it looks like I will try item 'C'. Tried using*
> *Norton's 'Ghost' (item 'A') but found it confusing and have*
> > *never had success (obviously doing something wrong as many people use*
> *the*
> *program and like it). I've used a program called XXCOPY*
> > *<http://www.xxcopy.com/index.htm> to clone drives. It works great but have*
> *never tried it on the boot drive for W2K. My greatest*
> > *concern is having trouble with the dual boot function not working after*
> *the new HD is cloned ... I don't know if the dual boot*
> > *feature is FILE related or if something is written in the boot section*
> *of*
> *the HD one cannot see.*
> >
> > *I am curious though, you said regarding option 'C':*
> > > *Option c) requires advanced knowledge about copying*
> > > *hidden and system files. You will also need to restore your*
> > > *current boot environment.*
> >
> > *Copying hidden and system files I know about but what do you mean by*
> > *"You will also need to restore your current boot environment"?*
> >
> > > *Do you mean W2K will need to be copied to drive 'F' once again (which I*
> *know it does), or something else?*
> >
> > *Thanks again!*
> > *Vic*
> >
> > _____
> > *"Pegasus (MVP)" <I.can@fly.com> wrote in message*
> *news:OoaBsDDzEHA.2016@TK2MSFTNGP15.phx.gbl...*
> > >
> > > > *"Vic" <nospam@bogusaddress.com> wrote in message*
> > > > *news:ObTwFm%23yEHA.1196@TK2MSFTNGP15.phx.gbl...*
> > > > > *I'd like to switch W2K4 to another hard drive but have concerns.*
> *Current*
> > > > *config:*
> > > >

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>>>> *c: dual boot (Win98se & W2K4)*
>>>> *d: junk*
>>>> *e: empty*
>>>> *f: W2K4*
>>>> *g: Win98se*
>>>>
>>>> *I have a complete backup of the system but my concerns of
transferring*
>>>> *everything to a different HD are these:*
>>>>
>>>> *1. will the dual boot function still work if I simply restore 'c:'
to*
> *a*
>>>> *different HD?*
>>>> *(I had a problem with dual boot before [think I had to reinstall
> OS] am*
>>>> *gun shy now)*
>>>> *2. will W2K 'see' it is installed to a new HD and fail?*
>>>> *(it would still go to 'F:' partition but a new HD – I'm removing
> the*
>>> *old*
>>>> *HD)*
>>>>
>>>> *Any (constructive) comments appreciated.*
>>>> *Any other 'obstacles' to look for doing this procedure?*
>>>>
>>>> *TIA,*
>>>> *Vic*
>>>
>>> *You have several ways of cloning your hard disk:*
>>> *a) Use the cloning program that some disk manufacturers make
>>> available on their home site.*
>>> *b) Use a commercial partition manipulation program, e.g.
>>> Partition Magic, Ghost, Acronis.*
>>> *c) Install the old and the new disk temporarily in some other
>>> PC, then copy everything across.*
>>>
>>> *Options a) and b) will preserve your dual boot environment,
>>> provided that you maintain the current drive letter assignment.*
>>> *In other words, since Win2000 is on drive F:, you must
>>> create drives D:, E: and F:: on the new disk, then copy the
>>> old drive F: to the new drive F:.*
>>>
>>> *After cloning the disk, avoid booting the machine with both
>>> disks connected at the same time. If you ignore this recommendation
>>> then you might end up with neither disk booting properly.*
>>>
>>> *Option c) requires advanced knowledge about copying
>>> hidden and system files. You will also need to restore your
>>> current boot environment.*
>>>

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> > > *If an any time you should lose your dual boot ability then*
> > > *there is no need to re-install an OS. Dual booting can be*
> > > *restored in less than five minutes. Post here in case this*
> > > *should happen to you.*

> > >

> > >

> >

> >

>

>