

Re: Relocating/Eliminating HIBERFIL.SYS for WinXP

Source:

http://www.derkeiler.com/Newsgroups/microsoft.public.windowsxp.security_admin/2003-01/24063.html

From: David Jones (kk7gw@yahoo.com)

Date: 01/03/03

From: "David Jones" <kk7gw@yahoo.com>

Date: Fri, 3 Jan 2003 12:10:02 -0800

I partially stand corrected, after playing around on a test system, hiberfil.sys is on whatever the boot drive is, rather than C:

You miss a few things with your pseudocode though, albeit your point is well taken:

Power options (aka, my laptop).

It's set to hibernate at 5% battery, as well as the standard x hours.

What happens if there's not enough room on the drive when

a) 5% battery is hit

b) x hours hits?

Suspend will run it out of battery in both cases, and what if I don't want shutdown? (On my laptop, booting from hibernation is tremendously faster than booting cold)

Remember, I may not be around to see a warning prompt if I leave the laptop somewhere, so asking me if I want to shutdown fully doesn't work either.

I also know a few people that set their laptop to hibernate when the lid is closed. Same questions apply, should it suspend now? Chews up battery. Shutdown? They might just be walking to a new meeting, and then have the longer boot time.

Or I might have a scheduled task set, every Friday night a machine hibernates. Whoops, no disk space. Suspend chews up power, which is the reason it's set to hibernate, and then I get to wonder why it shutdown all

the way on Monday.

Litanys of things like that pop to mind...all because the space isn't reserved.

Oh, and about the boot time difference between hibernate vs shutdown, check out all the "how can I make my computer boot faster" posts, not to mention the 1000's of FAQ posts and wonder if that would increase if the machine shutdown because of lack of space vs hibernate.

Not that I disagree with you, but as a frequent laptop user (with a not-so-fast disk even though it's 20GB), I expect it to hibernate, not suspend or shutdown.

If the space really bugs people, why do they want to get rid of it if they still want to hibernate? You'll need the space when you hibernate, so why try to 'clear it up' if you will?

(Also, why not just set your PF to something like 25 MB on a 1 GB RAM system?)

I don't disagree with you here, but it's not quite as simple as it seems to me.

>-----Original Message-----

>Yeah, unfortunately, on a larger memory system it is eating up 5% of my
>main partition. (1GM,20Gdisk). Now if you combine that with a "recommended 1.5X
>swap" (I actually run with 0, despite PERFOS.DLL bug that causes it to fault
>under such circumstances), that'd use 7.5% of my disk partition. It's not
>even placed out of the way, at the end of the disk, to not fragment the free
>space and not waste inner track speed.

>

>Sigh...

>-l

>

>

>

>

>Roger Abell [MVP] wrote:

>> You pseudocode for this is a reasonable choice.

>> Apparently the design point was, if they want to be

>> able to hibernate guarantee that they can; and, no

>> vote was sufficiently strong for: if they want to be

>> able to hibernate if possible let there be that choice.

>>
>> --
>> Roger
>>
>> "linda w" <lindaw_tlinxorg@hotmail.com> wrote in
message
>> news:3E1505AD.4060700@hotmail.com...
>>
>>>I don't understand why it needs to reserve the space
in advance.
>>>
>>>I can easily see:
>>>If request hyber then
>>>if ! exist hyber && create(hyberfile)=false then
>>>error(insufficient room for hypernate file, suspending
instead)
>>>suspend;
>>>else
>>>hyper;
>>>
>>>I could even see settings "If hyper file cannot be
created, then issue
>>
>> warning and:
>>
>>>a) suspend
>>>b) shutdown
>>>or
>>>c) abort and ignore request
>>>
>>>Seems so simple, makes me wonder how much design,
thought or peer review
>>
>> goes
>>
>>>into new features.
>>>
>>>-l
>>>
>>>David Jones wrote:
>>>
>>>>Must be on C: because of the way the OS boots, and if
you
>>>>don't use hibernation, you can disable it (and reclaim
>>>>the space) from Control Panel->Power Options, and the
>>>>Hibernate tab.
>>>>
>>>>
>>>>
>>>>>-----Original Message-----
>>>>>Grets.

microsoft.public.windowsxp.security_admin: Re: Relocating/Eliminating HIBERFIL.SYS for WinXP

>>>>>
>>>>>*Is it possible to either eliminate and/or relocate*
the
>>>>>*windows XP HIBERFIL.SYS on the C: drive to another*
>>>>
>>>>*drive?*
>>>>
>>>>
>>>>>*Is it really needed for the OS to function? I'm*
assuming
>>>>>*its for when the computer hibernates. Cannot we*
disable
>>>>>*this file?*
>>>>>
>>>>>*Thanks.*
>>>>>*Randolf.*
>>>>>.
>>>>>
>>>
>>>--
>>>--
>>>*L. A. Walsh Trust, Security, and OS Technology*
>>>*Professional Newbie in life*
>>>*Email: Apply "s/@.*\$/;s/_/@/;s/x/x./" (sed commands)*
to my From-address.
>>>
>>
>>
>>
>>
>
>--
>--
>*L. A. Walsh Trust, Security, and OS*
Technology
> *Professional Newbie in*
life
>*Email: Apply "s/@.*\$/;s/_/@/;s/x/x./" (sed commands) to*
my From-address.
>
>.
>