

Re: Hybernation and running applications

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- *From:* Derek Broughton <news@xxxxxxxxxxxxxxxx>
 - *Date:* Sun, 30 Mar 2008 23:15:38 -0300
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Arnold Weber wrote:

That would depend on the program (which software are you using?) but I would expect not. Have you looked at the software documentation to see if it can handle hibernation?

Huh? Of course it will continue. Hibernation simply stops *_everything_*, then saves the state of memory. When it resumes, it restores memory and starts again. If hibernation works at all, *_all_* programs have to work.

It will work for *_almost_* all programs. Troubling are programs that rely on stable network connections (like instant messengers) or programs that are getting confused if time jumps ahead a few hours at once while running (but i don't know an example for this category)

Do you have an example in any category? An IM program should simply tell you it lost the network connection – which it did – but it would be a pretty poor network app that couldn't properly handle a lost network connection. The network does get taken down during hibernation (at least the standard version – I'm not sure about swsusp).

Programs shouldn't have a problem with the time skipping ahead – as Florian put it, it's just as if it took a very long time to get a time slice.

Programs *_do_* frequently react to the time going *_backwards_* because that can mean duplicate timestamps. Dovecot is one app that I use that automatically terminates its daemon if the time goes backwards by too much (if it's just a few seconds, it sleeps until the clock catches up). This actually did cause a problem with hibernation, because my clock actually gains time when powered off, and network restart runs ntpdate to reset it, but the solution was simply to ensure that I slewed the time in manageable steps.

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Re: Hybernation and running applications

derek

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ubuntu-users@xxxxxxxxxxxxxxxxx

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