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Trinket

2014-03-05 13:50:11

#1

Member

Registered: 2014-03-05

Posts: 7

Hi,

I'm new to the forum, although I've been using Archlinux for quite a while.

My problem is really strange, it all started after my netbook went out of battery while compiling (Octave, if it matters).

Now it's unusable. When I boot it up, it keeps going to sleep state S3 every 10sec. I've to keep on waking it up (by pressing any key), despite this, all seems normal and in the end it reaches desktop (but keeps suspending).

Anybody has any idea as to where to look at?

dmesg only shows that it suddenly goes to S3 state, but it does so cleanly, as if something requests for it.

Thank you very much, sorry I can't give much more information now, will try to get some logs to show you.

EDIT-Unsolved:

While writing the post I had an idea. It turned out that Laptop-mode-tools got bugged (Don't know how/why) and it was issuing the suspend command. I disabled it with:
`systemctl disable laptop-mode`
and it got fixed.

EDIT2:

I'm really sorry, seems that it was just bad luck, though I had it fixed.

Turns out that when disabling laptop-mode service, the service that gives this random behavior got stopped, but it had nothing to do with Laptop-Mode.

I uninstalled it, restarted and I again saw the same erratic behavior, the system keeps suspending.

I can go to run level 3 without problems, so it must be another service causing the anomaly.

Could someone point me where/how to find the service that arises the problem?

Last edited by Trinket (2014-03-05 16:51:35)

Trinket	2014-03-06 17:15:40	#2
Member Registered: 2014-03-05 Posts: 7 Offline	I wanted to add the logs I found in the journal regarding my issue: <pre>Mar 06 17:05:47 netbook systemd[1] Mar 06 17:05:47 netbook systemd[1] Mar 06 17:05:47 netbook systemd[1] Mar 06 17:05:47 netbook systemd[1] Mar 06 17:05:47 netbook systemd-lc Mar 06 17:05:47 netbook systemd[1] Mar 06 17:05:47 netbook systemd-lc Mar 06 17:05:47 netbook systemd-lc Mar 06 17:05:47 netbook systemd-lc Mar 06 17:05:47 netbook systemd-lc Mar 06 17:05:47 netbook systemd-lc Mar 06 17:05:47 netbook systemd-lc Mar 06 17:05:47 netbook systemd-lc Mar 06 17:05:47 netbook systemd[1] Mar 06 17:05:47 netbook systemd[1] Mar 06 17:05:47 netbook systemd[1] Mar 06 17:05:47 netbook systemd[1] Mar 06 17:05:48 netbook systemd-sl</pre> I have pasted the full log in pastebin: http://pastebin.com/saNcdUkg If it helps, in run level 3 (rescue mode) acpi_listen doesn't output anything, so I assume it's not hardware related.	
Scimmia	2014-03-06 18:08:20	#3
Bug Wrangler  Registered: 2012-09-01 Posts: 3,065 Offline	Try setting "HandleSuspendKey" and "HandleLidSwitch" to ignore in /etc/systemd/logind.conf	

Scimmia

2014-03-07 02:44:47

#6

Bug Wrangler

Registered: 2012-09-01

Posts: 3,065

Offline

It's more a workaround/diagnosis than a fix. We now know that systemd/logind is what is causing it to suspend, but we don't know why yet. Try setting just one of them to figure out which one it is causing the problem. Once we know that, we might be able to figure out if it's a bug in logind or if there really is something sending it those acpi signals. I would expect acpi_listen to catch them, but I'm not sure.

Trinket

2014-03-07 12:15:49

#7

Member

Registered: 2014-03-05


Posts: 7

Offline

Scimmia wrote:

It's more a workaround/diagnosis than a fix. We now know that systemd/logind is what is causing it to suspend, but we don't know why yet. Try setting just one of them to figure out which one it is causing the problem. Once we know that, we might be able to figure out if it's a bug in logind or if there really is something sending it those acpi signals. I would expect acpi_listen to catch them, but I'm not sure.

I've narrowed it down to the "HandleLidSwitch=ignore" option. Without that the strange auto-suspend bug returns. Does it give you any clue as to where the problem is? If I understand it correctly, it seems as if my netbook believes it's lid is closed, I should maybe point out that my netbook (Aspire One D150) never detected whether the lid was closed or opened (acpi_listen never caught anything when closing/opening it).

tterranigma		2014-03-08 02:09:08	#8
Member Registered: 2011-05-07 Posts: 13 Offline		If it is of any use, I also use an Aspire One D250	
Scimmia		2014-03-08 02:30:59	#9
Bug Wrangler  Registered: 2012-09-01 Posts: 3,065 Offline		So both of you are on an Aspire One, there's definitely a bug with how the lid switch is being handled. A quick google turns this up: https://wiki.archlinux.org/index.php/As ... wer_button	
Trinket		2014-03-08 12:14:42	#10
Member Registered: 2014-03-05 Posts: 7 Offline		<div style="border: 1px solid #00a0e3; padding: 5px; margin-bottom: 10px;"> <p>Scimmia wrote:</p> <p>So both of you are on an Aspire One, there's definitely a bug with how the lid switch is being handled. A quick google turns this up: https://wiki.archlinux.org /index.php/As ... wer_button</p> </div> <p>I had totally forgotten that! I read that a couple of months ago when I got this netbook. I already used linux-one kernel and it didn't fix it, will try updating the bios!</p> <p>Thank you a lot!</p>	

libernux

2014-03-23 12:35:11

#11

Member



From: Netherlands
Registered: 2009-09-29
Posts: 53

Offline

I'm also having this problem on an old maxdata laptop.
It suspended after 30 seconds.
I've fixed it by setting `HandleLidSwitch=ignore` in `/etc/systemd/logind.conf`

Perhaps the fact that it occurred for me every 30 seconds might be a further clue.

I was born with nothing and I still got most of it

Jiran

2014-04-16 23:02:20

#12

Member

Registered: 2009-01-29

Posts: 17

Just to bump this thread, I want to say that I'm currently experiencing this issue after having updated (pacman -Syu) after quite a long time (~months). I'm not on a netbook, but I am on a laptop (a Toshiba Satellite). I remember there was an issue I had before where I could boot up my laptop, close the lid to suspend it, then every time I wanted to suspend it I would have to close the lid twice (the first time only shut off the display, so I would open it, wait for the display to come back on, then close it again and it would suspend).

Now, having just updated, I closed the lid, it suspended, then when I opened it up again my computer would be running for ~20-30 seconds and suspend again. Key presses wouldn't wake it up, but hitting the power button did. (Interestingly enough, the light on my power button "waved", like it flashed in and out at a certain frequency. If I pressed a bunch of keys or held down a key, it would slow down the frequency of the wave.) Anyway, the only way to fix this was to shut down and start up again. I'm running it now without having closed the lid and it's fine.

I haven't tried the workaround, but I suspect that will "fix" my problem. But this is still an issue and isn't yet solved.

Offline

WillM	2014-05-28 12:43:18	#13
Member From: /dev/sdb4 Registered: 2014-05-28 Posts: 6	Same problem here on my Samsung N150 Plus netbook. I am using Gnome-Shell (minimal) The problem started after I decided to install a display manager (GDM) and closed the lid after rebooting, which when opened again, suspended every few seconds. I have just made the changes to /etc/systemd/logind.conf as said in this post, and will reboot in a bit. I am using the linux-lts kernel which is currently <pre>[will@arch ~]\$ uname -r 3.10.40-1-lts</pre> UPDATE: The workaround has taken affect and is working well, but a proper fix from the repositories might be nice sometime. <i>Last edited by WillM (2014-05-28 14:12:10)</i> Do. Or do not. There is no try. - Yoda "If we fight like animals, we die like animals." - Seventh Doctor, Sylvester McCoy	
Offline		
allencch	2014-07-16 08:02:34	#14
Member Registered: 2011-03-25 Posts: 63	Scimmia wrote: Try setting "HandleSuspendKey" and "HandleLidSwitch" to ignore in /etc/systemd/logind.conf Great. Same problem to a custom netbook, and this is the solution.	
Offline		

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