

Re: Hard(?) lock when reassociating ath with wpa_supplicant on RELENG_7

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/stable/2008-05/msg00162.html>

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 - *Date:* Tue, 13 May 2008 12:37:56 -0400
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On Mon, 2008-05-12 at 19:33 -0700, Sam Leffler wrote:

Alexandre "Sunny" Kovalenko wrote:

I seem to be able to lock my machine by going into wpa_cli and asking it to 'reassoc'. The reason for question mark after "hard" is that debug information (caused by wlandebug and athdebug) is being printed on the console. The only way to get machine's attention is to hold power button for 8 seconds.

So this is just livelock due to console debug msgs.

I am not sure, I have parsed this well enough, so I will try to clarify: machine becomes unresponsive **without** any debugging turned on, to an extent that pressing the power button twice **does not** generate ACPI console message (something to the tune of "going into S5 already -- gimme a break"). If I turn ath debugging on, I do see those messages, and only them, scrolling on the console.

Note: manual reassociation is just the handy way to reproduce the problem -- I have had machine locking up on me the whole day long completely on its own.

Below are, what I think, relevant pieces of information. If anything is missing, please, chastise me appropriately and will do my best to provide. I have rigged firewire console, but am unable to break into the debugger locally or remotely.

I see no log msgs.

I am sorry -- mailman must have eaten it up -- I have posted them here now:

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<http://members.verizon.net/~akovalenko/Misc/reassoc.log.gz>

While I am on the subject, I would appreciate couple of the troubleshooting suggestions:

* is there any way to get sysctl dev.ath.0.debug to appear, other than defining ATH_DEBUG in something like /usr/src/sys/dev/ath/ah_osdep.h?

options ATH_