

Re: [RFT] Intel 3945abg wireless driver (wpi)

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  - *Date:* Thu, 08 Nov 2007 03:43:49 +0200
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On Tue, 2007-11-06 at 18:31 +0100, Frank Staals wrote:

Sam Leffler wrote:

Frank Staals wrote:

Benjamin Close wrote:

Frank Staals wrote:

<snip>

Everything works fine with  
the connection itself.  
Although  
sometimes when switching  
from tty9 to tty0 and back  
the system  
locks up. I've had it before  
when switching from tty1 to  
tty0.  
Anyone with the same  
problems ?

Anyway; Great work on the  
driver so far :D

I've similar issues and believe it might be  
due to the amount of  
kernel printf's that are happening. Can you  
sysctl debug.wpi=0 and  
see if the problem still exists?  
By chance are you using ZFS? I caught a  
memory modified after free

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panic in zfs the other day pid was from  
syslogd. I'm trying to work  
out if it's related.

Cheers,  
Benjamin

When setting debug.wpi to 0 it seems like the problem is gone. I'm not using ZFS by the way. I did have a problem connecting to the AP at my university though; the driver wouldn't associate whatever I tried. I didn't have a chance to do some extensive testing though. It might be because of the WEP+wpa\_supplicant + ca certificate method that is required to authenticate. Anyway I'll let it know if there is an actual problem with the driver itself

Rule of thumb in debugging wireless issues (and most others for that matter): simplify your config if at all possible. In this case try checking things out w/o wpa\_supplicant (i.e. no crypto).

When debugging, start at the top and work your way down to rule out problems at each layer. In this case collect a wpa\_supplicant debug log first, then check for issues at the net80211 layer (wlandebug, wlanstats,