

Resume from S2R fails after dpm_resume()

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Gentlemen,

I instrumented 2.6.21-rc1 base/power/resume.c device_resume() with TRACE_RESUME(0) as the last statement in the function. Sure enough it was the last hash value in the RTC after a hard reboot when resume failed:

[12.028820] hash matches drivers/base/power/resume.c:104

The machine appears to be absolutely wedged after initiating resume by pressing the power button. The disk flashes for a half second or so, then thats it.

It is a Dell XPS, BIOS rev A04. I'm using 'echo 1 > /sys/power/pm_trace; echo mem > /sys/power/state' to initiate the S2R sequence.

Any suggestions on where to go from here?

rtg

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