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Isolation for broken hardware during system suspend

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When a device is broken and return failure during suspend, the whole system is blocked from entering system low-power states.
Thus user loses the top one power saving feature on their systems due to non-fatal device failures for their usage.
In this case, making the system suspend work with tolerance of device failures is a gain. This may be achieved by a) disabling the device on behalf of BIOS, b) do device unbind upon suspend, c) skip the devices'suspend callback or d) ignore the suspend callback failures, etc. It also helps when debugging device related suspend issues reported.

I agree to abide by the anti-harassment policy

Yes

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