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wake on lan for desktops in the workplace

I'm not a California resident but this proceeding interested me.

I'd further like to propose at least mentioning in the policy a very little used feature in most computer network cards that needs more attention.

Wake-on-lan is a feature in a lot of networked computers that is turned on in the motherboard bios and also in the network card driver settings. What it does is keep power on to only your network card- even when the computer is powered down. I mean turn it on from a 'very low powered mode'- not sleeping, not hibernating but actually if you have your computer off.

Imagine a company with 5000 workstations. IT staff says to keep your computer on for updates. Realistically, updates happen maybe once a week with Microsoft updates if that. Antivirus signatures as much as hourly (Kaspersky AV) if your setting up a centrally managed antivirus. You could set policy to enable suspend/hibernate where workers could remote in from home- sure. What if it was also fine to power off your computer completely? All wake-on-lan does is blip this 'magic packet' to your network card- it turns the computer on, does it's thing then turns right back off.

I just think it would be good to at least have that wake-on-lan mentioned in the proposal so it's at least suggested as a step beyond sleep and hibernation because it's verry rarely used.

<http://en.wikipedia.org/wiki/Wake-on-LAN>