Request for Comments on the Benefits, Challenges, and Potential Roles for the Government in Fostering the Advancement of the Internet of Things
Topics: Internet PolicyInternet Policy Task ForceInternet of Things
Date:
January 12, 2017
Docket Number:
170105023-7023-01

Not just the IOT, but whole Internet business, cloud, personal computers need MUCH better protection from spying and hacking.

When Microsoft came out with Windows10 there were and still are a long list of spying and hackable sections of code. Yes some have been cleaned up but there are tons more. (just one example)

All computers need very heavy security to prevent the use/abuse of them for nefarious actions.

Every computer needs some way to turn it off! AND someway to update, download a newer better OS.

Building small appliances and toys with no way to update their OS is asking for trouble! Nest thermostat!!!

I would recommend a mandate for any computer no matter the size, cost nor complexity, MUST have an update operation, otherwise some way to disable it.

All the appliances that are coming out and being able to use WiFi or Bluetooth to communicate with other devices are ripe for abuse. They ALL must have strong security (no back doors), updatability or some EASY way to disable them.

Y2K was the harbinger of this problem, the world knew there was going to be problems. Were they all fixed? NO! Ask the DEW line and NSA what happened to their computers.

On another but similar issue;

Y2038.com provides information and help with Y2038, an issue due to a limitation of the maximum number of seconds (relative to **Jan 1, 1970**) that can be represented in a 32-bit signed integer. The rollover will occur on **Jan 19, 2038**, 3:14:07AM GMT, although some problems may occur before then.

[Year 2038 problem - Wikipedia](#)

This is a perfect example of some programming that is known to be broken, but is

essentially unfix-able.
All the little appliances that have a simple clock ticking away inside of them, will go
CHONK!


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