Your (not so) smart TV is currently busy with taking down the Internet

Achim D. Brucker
a.brucker@sheffield.ac.uk https://www.brucker.ch/

Software Assurance & Security Research
Department of Computer Science, The University of Sheffield, Sheffield, UK
https://logicalhacking.com/

May 15, 2017

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Amazon Tap - Alexa-Enabled Portable Bluetooth Speaker

Amazon

5,373 CUSTOMER REVIEWS
1,000+ answered questions

In Stock.
Want it tomorrow, May 16? Order within 11 hrs 54 mins and choose One-Day Shipping at checkout. Details.

Pickup: $129.99 & FREE Shipping. Details.

JUST TAP & ASK NOW WITH HANDS-FREE MODE

BY 2020

250,000,000 VEHICLES WILL BE CONNECTED TO THE INTERNET

BY 2020, THE NUMBER OF INTERNET-CONNECTED THINGS WILL REACH OR EXCEED 50 BILLION

IoT

50

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How an army of vulnerable gadgets took down the web today.

Amazon UK - Amazon status back online following huge cyber attack on top sites.

Amazon has been taken down in MASSIVE cyber attack takes websites including Twitter, Spotify and Reddit offline as hackers launch attack on major web host.
Attackers are exploiting vulnerabilities (bugs) to take control over YOUR devices.

When was the last time you updated your:

- computer
- wifi router
When was the last time you updated your

- computer
- wifi router
- car
- fridge

Average life span

- computer: 5 years
- wifi router: 7 years
- car: 1 year
- fridge: 7 years
- LED: 0 years
Average life span

- computers: 5 years
- wifi routers: 7 years
- cars: 7 years
- fridges: 7 years
- LED: 0 years
Average life span

- computers: 5 years
- wifi routers: 7 years
- cars: 14 years
- fridges: 17 years
- LED: 20 years
- cars: 14 years
- fridges: 17 years
- LED: 20 years
Average life span

- computers: 5 years
- wifi routers: 7 years
- cars: 14 years
- fridges: 17 years
- LED: 20 years

and now to something completely different

and now to something slightly different
Dec 11, 1989: 20'000 envelopes containing a 5.25” floppy disk loaded with the first known ransomware (‘AIDS’) where mailed.
Blaming the victim does not work!

Recommendations

- For users:
  - update your devices regularly
  - back-up your data frequently
  - choose vendors that provide security fixes for their products during the expected life-time
- For researchers and vendors:
  - make it easier to write high quality software
  - make it easier to upgrade systems

Thank You!

Contact:
Dr. Achim D. Brucker
Department of Computer Science
University of Sheffield
Regent Court
211 Portobello St.
Sheffield S1 4DP, UK

- a.brucker@sheffield.ac.uk
- @adbrucker
- https://de.linkedin.com/in/adbrucker/
- https://www.brucker.ch/
- https://logicalhacking.com/blog/
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