


# IoT

The logo features the text 'IoT' at the top in a large, bold, black font. Below it is a central graphic consisting of a red shield with a white keyhole in the center, surrounded by a black circular border. From this central circle, several black lines radiate outwards, each ending in a small white circle, resembling a circuit board or a network diagram. Below the graphic, the text 'THIS WEEK' is written in a bold, black, sans-serif font.

## THIS WEEK

### Episode 26

May 1, 2017

Catching you up on the latest from IoT, InfoSec and Tech. Episode 26 includes: Smart diapers, vulnerable cable modems, IoT botnets, the Internet of Cows, threat intelligence reports and much more...

## IoT

[Monit](#), a Korean company has a new Bluetooth sensor which can alert parents when a diaper is soiled. In the future, the sensor will be able to determine air quality and temperature.

[Intel](#) powered broadband modems vulnerable to DoS attack. Puma 6 Intel cable modems are susceptible to low bandwidth DoS attack. Puma 6 modems are sold as gigabit broadband gateways and is used by a number of ISPs including Comcast and Virgin Media.

[Hundreds](#) of thousands of cable modems around the world are vulnerable due to a weakness in the Simple Network Management Protocol (SNMP). Researchers found a way to bypass SNMP authentication on 78 models of modems. The vulnerability has been dubbed StringBleed.

[Check Point](#) wants to design in- car data protection since it already provides secure

communication between cars and the cloud.

[Hajime botnet](#) continues to infect vulnerable IoT devices and block access to four ports known to be used as attack vectors. It also displays a signed message describing its maker as "just a whitehat, securing some systems."

[Cloudflare Orbit](#) is a private network for IoT devices.

[Brickerbot](#) has killed over 2 million insecure IoT devices.

The [Internet of Cows](#) hackathon hosted by BovControl, a Brazilian startup building data analytics to support livestock operations.

[Hyundai Blue Link](#) vulnerability allows remote start of cars.

[WISeKeyIoT](#) framework offers digital Public Key Infrastructure (PKI) certificates for connected devices.

## InfoSec

[Kali Linux](#) can now use Cloud GPUs for password cracking. The new version 2017.1 supports GPU instances in Azure and AWS and also adds support for RTL8812AU wireless chipsets.

[Hundred of applications](#) on Google Play Store open ports on smartphones exposing millions of mobile devices to potential attacks.

[Russian](#) controlled telecom hijacks traffic for Mastercard, Visa and other services.

[Fileless](#) malware attacks continue. This type of malware is exactly how it sounds, instead of dropping files, it stores information in system memory.

[CIA tool](#) to track whistleblowers and spies leaked on Wikileaks.

[Futurepets.com](#) exposes details of more than 110,000 credit cards.

[Chipolte](#) notifies customers of a potential payment processing breach between March 24th and April 18th.

[New MacOS](#) malware is signed with legit Apple ID and spies on HTTPS traffic.

New [OWASP Top 10](#) published.

Fundamentals of [fingerprint scanning](#) gives an overview of three common ways to scan a fingerprint.

## Tech

[Apple](#) may be launching a peer-to-peer payment service for Apple Pay.

[FCC](#) planning to reverse net neutrality at meeting on May 18th.

[US Court of Appeals](#) for the DC circuit denied an ISP request to overturn a previous ruling on net neutrality rules.

[Tech IPOs](#) are coming fast this year. Nine companies have gone public this year as opposed to one by this time last year.

## Random

Comcast likely not serious about entering wireless market fray

In 1973, three crew members of the NASA Skylab mission went on strike for 24 hours.

One-third of federal agencies reported data breaches in 2016

Iowa farm cartoonist fired after creating a cartoon that mentioned Monsanto, DuPont Pioneer and John Deere

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