IoT THIS WEEK

Catch up on the latest from IoT, InfoSec and Tech. This issue includes: NIST and IoT, botnets, RaaS, NASA, the Mavic Air drone and much more...

IoT

NIST is taking a shot at documenting security standards for the Internet of Things. The report is called the "Interagency Report on Status of International Cybersecurity Standardization for the Internet of Things (IoT)". It has several sections, the first few give an overview of IoT such as scope, methodology, IoT and examples of IoT. Section 6 covers their breakdown of the various security areas of IoT like cryptographic techniques and network security. Section 7 covers security objectives, risks and threats and goes into areas like consumer IoT, health IoT, smart buildings and smart manufacturing. Section 8 covers the standards landscape for each of the areas in section 6 and finally section 9 goes into the current status of standards regarding the various areas in section 6.

An IoT botnet has originated on Grand Theft Auto Servers. For $20, one can launch a 300gbps DDoS attack using a herd of IoT devices.

A documentary from Motherboard dives into how farmers are fighting for the

right to repair their increasingly software driven tractors.

MIT researchers have built a new dedicated chip to perform public-key encryption that consumes only 1/400 of the power compared to software encryption.

InfoSec

Ransomware-as-a-Service is now available as Saturn. Distribution methods are currently unknown and it can not be decrypted.

A null character bug can let malware bypass Windows 10 Anti-malware scan interface.

TrickBot trojan is now targeting owners of Bitcoin and their wallets.

A new search engine called BuckHacker allows one to dig through exposed Amazon servers like S3.

It's tax season in the US so beware of IRS scams.

Tech

NASA's Opportunity rover has seen 5000 Martian sunrises. Incredible for something that was only designed for 90 days.

Apple releases iOS 11.2.6 to address the Telugu character bug that causes iOS to crash.

Mercedes-Benz is the next contestant under investigation for installing diesel emissions cheating software.

Bitcoin thieves are now resorting to real violence to steal virtual currency.

Chrome now has ad-blocking enabled by default in an attempt to create a better ad experience of users.

What I've been up to!

Wyzecam review updates.

Mavic Air drone.

IoT threat modeling.

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