

What's New January 2018

Todd McDaniel
Mac Group, Marriott Library, ITS

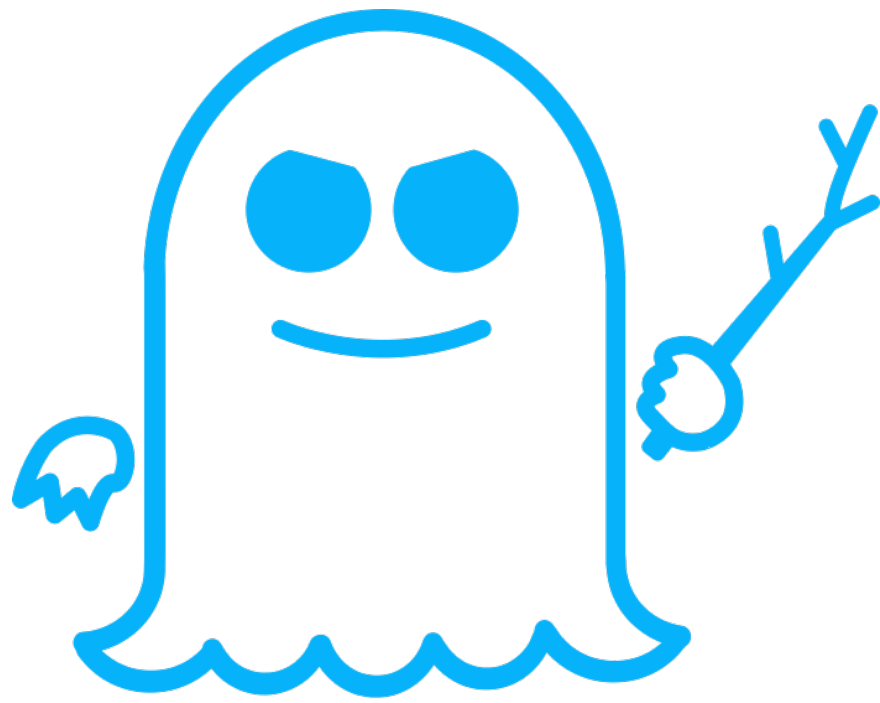
ALL U
NEED
LIFE



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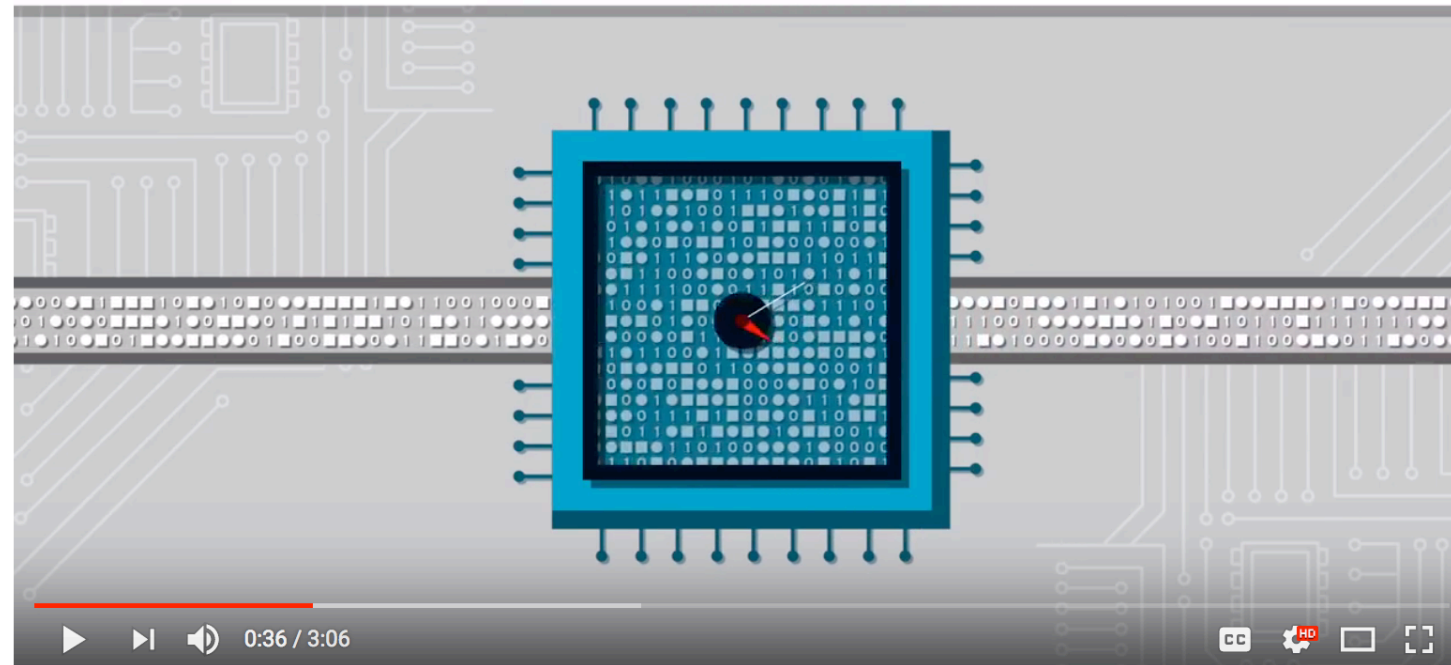
SPECTRE



MELTDOWN

Spectre/Meltdown & Speculative Execution

SPECULATIVE EXECUTION



Meltdown and Spectre in 3 Minutes

103,641 views

1K 81 SHARE ...



Red Hat Videos

Published on Jan 5, 2018

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Meltdown and Spectre are two major security issues that threaten nearly all computers and mobile devices. In three minutes, this animation explains where these threats came from and what's being done about them.

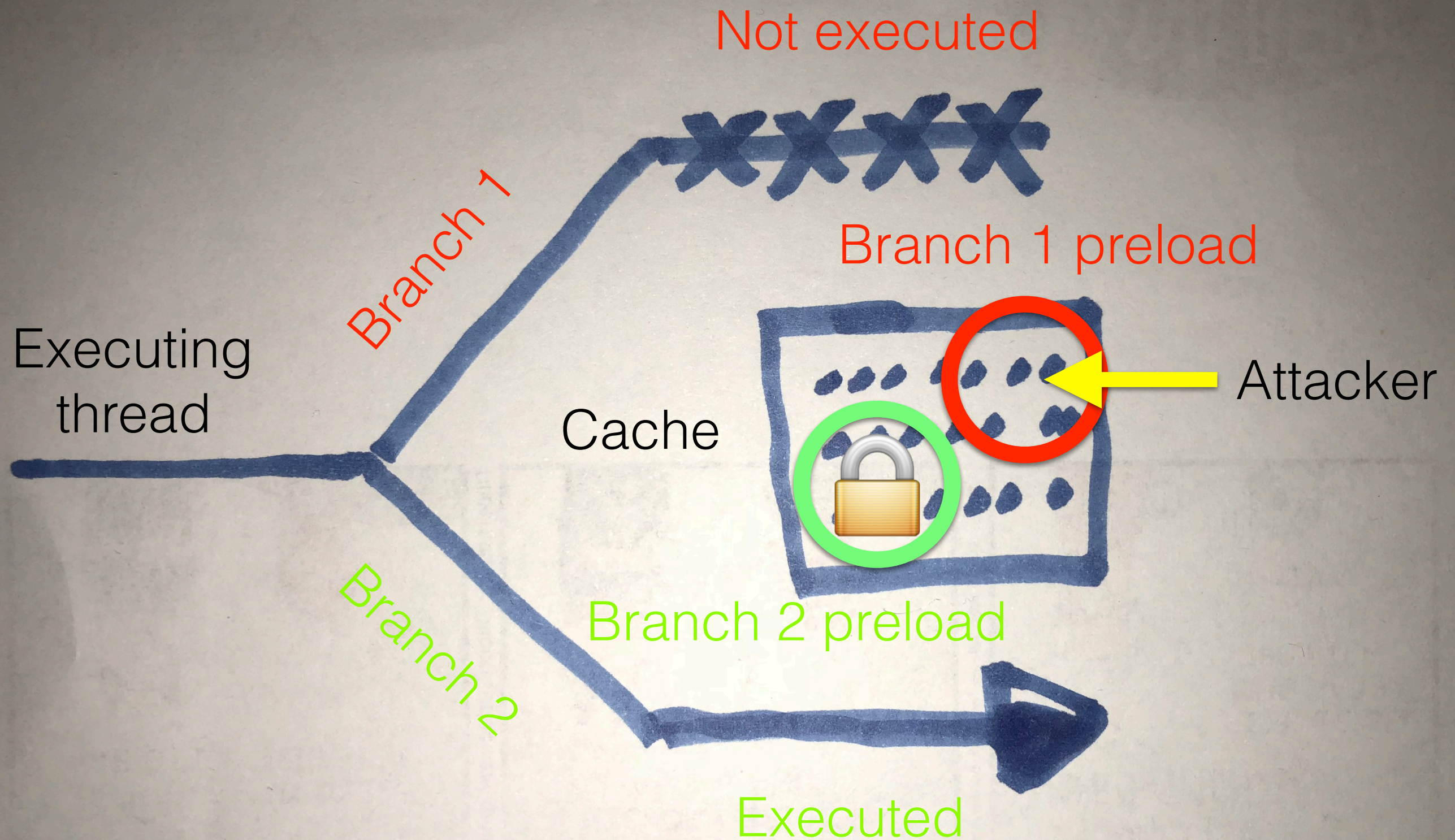
Meltdown and Spectre in 3 Minutes by Red Hat Videos

<https://www.youtube.com/watch?v=syAdX44pokE>

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Spectre/Meltdown in 30 seconds



Spectre/Meltdown

- Two separate but similar bugs, found nearly simultaneously.
- Meltdown seems limited to Intel, Spectre more widespread.
- Patch your **OS, browsers** and **virtualization tools**.
- Likelihood of performance loss after patching.
- <http://www.daemonology.net/blog/2018-01-17-some-thoughts-on-spectre-and-meltdown.html>

Waiting on patches for
previous OS's from
Apple...

Yet another macOS High Sierra bug: Unlock App Store system preferences with any password

Oops! Another major bug that Apple should have caught.



By **Jason Cross**

Staff Writer, Macworld | JAN 10, 2018 10:12 AM PT


- <https://www.macworld.com/article/3246634/mac/mac-os-high-sierra-bug-unlock-app-store-system-preferences.html>



Siguza

@s1guza

Follow

 it, dropping a macOS 0day. Happy New Year, everyone. siguza.github.io/IOHIDeous/

4:59 PM - 31 Dec 2017

2,861 Retweets 4,875 Likes



138



2.9K



4.9K

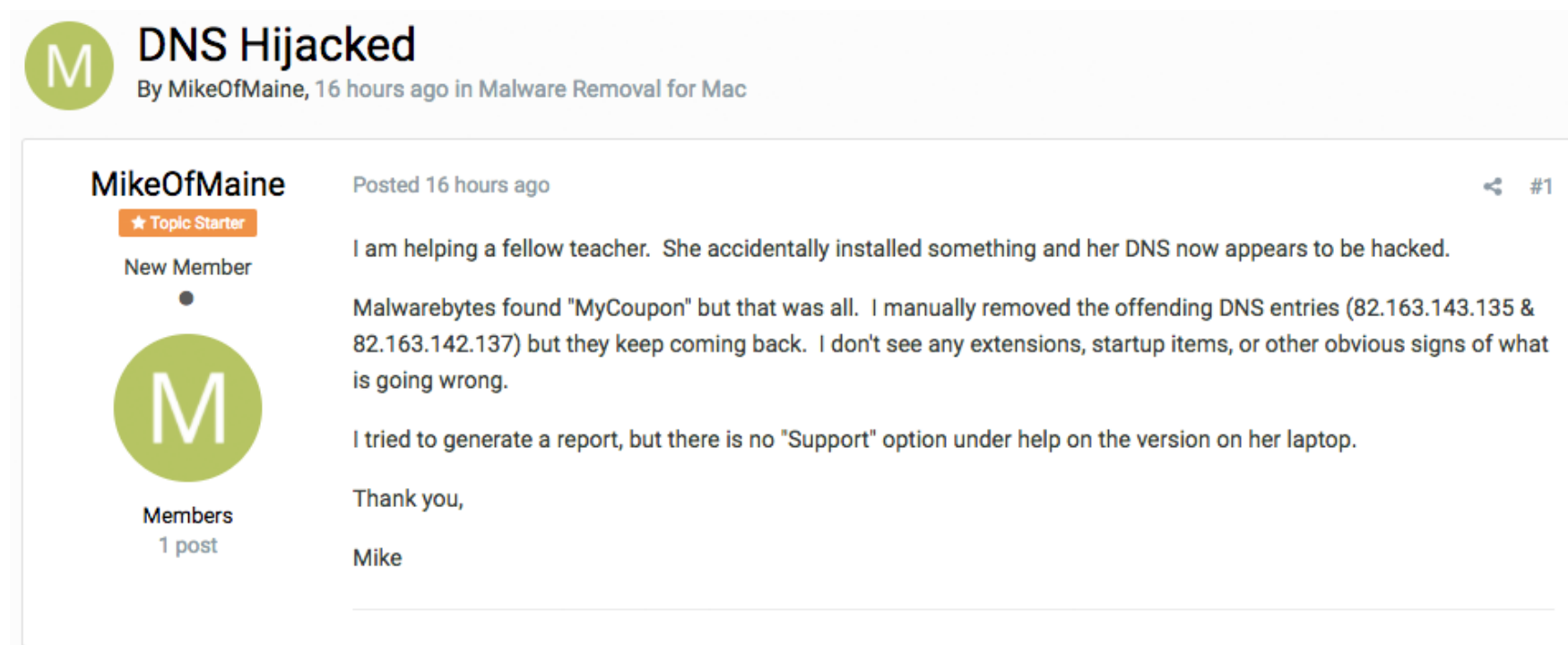


[https://twitter.com/s1guza/status/
947603265700601856](https://twitter.com/s1guza/status/947603265700601856)

<https://siguza.github.io/IOHIDeous/>

MaMi DNS highjacking malware

- https://objective-see.com/blog/blog_0x26.html



News

- FBI forensic expert calls Apple “Jerks” and “Evil Geniuses”
https://motherboard.vice.com/en_us/article/59wkkk/fbi-hacker-says-apple-are-jerks-and-evil-geniuses-for-encrypting-iphones
- FBI's San Francisco Chief: We Heart Apple, They Train Our Cops
<https://www.forbes.com/sites/thomasbrewster/2018/01/16/apple-and-the-fbi-are-closer-than-you-think>

Other News

- Hawaii false alarm

Missile Warning System

Send Actual
Warning

Send Test
Warning



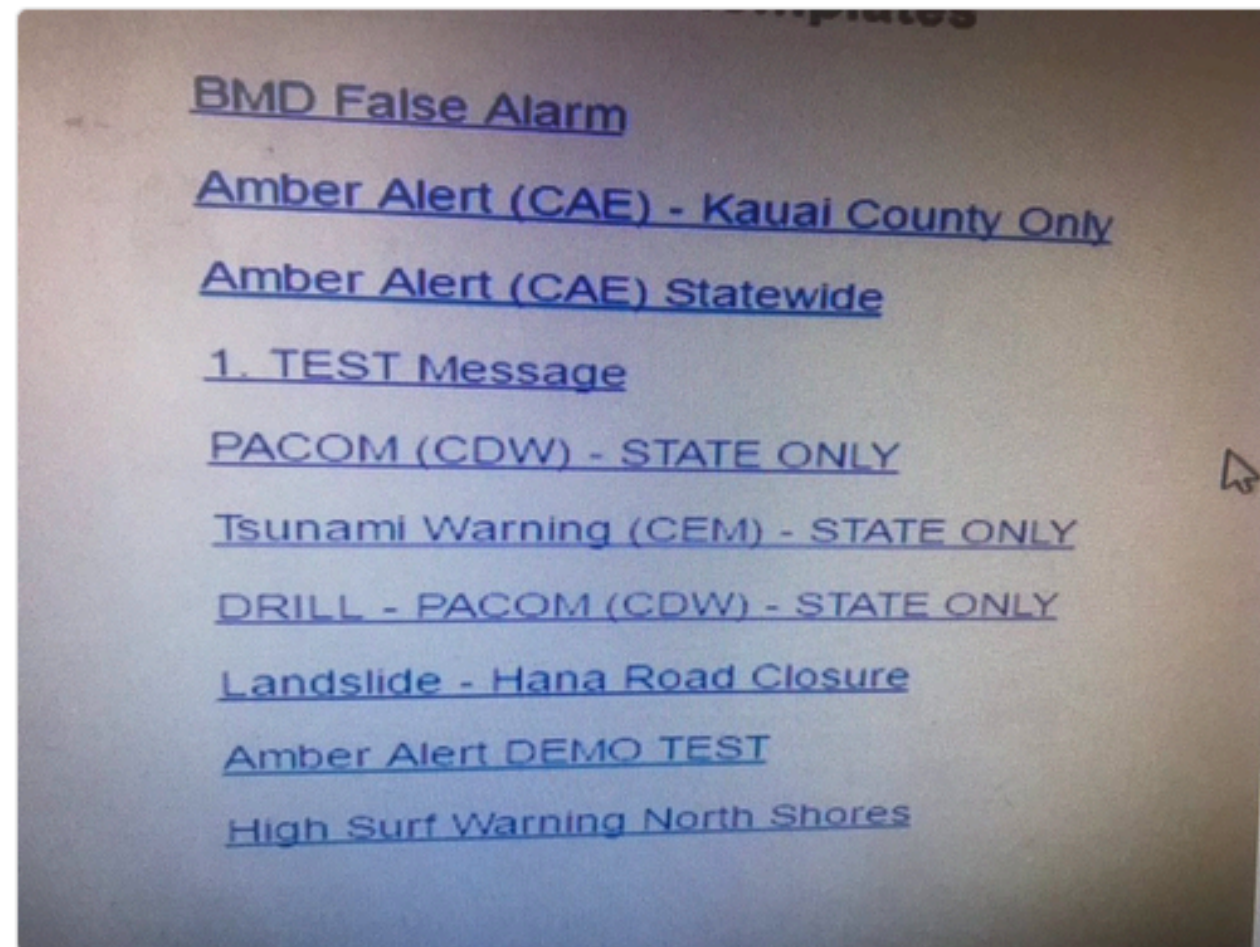
Honolulu Civil Beat ✓

@CivilBeat

Follow



This is the screen that set off the ballistic missile alert on Saturday. The operator clicked the PACOM (CDW) State Only link. The drill link is the one that was supposed to be clicked.
[#Hawaii](#)



8:51 PM - 15 Jan 2018 from Honolulu, HI

4,146 Retweets 4,356 Likes



488

4.1K

4.4K

BMD False Alarm

Amber Alert (CAE) - Kauai County Only

Amber Alert (CAE) Statewide

1. TEST Message

PACOM (CDW) - STATE ONLY

Tsunami Warning (CEM) - STATE ONLY

DRILL - PACOM (CDW) - STATE ONLY

Landslide - Hana Road Closure

Amber Alert DEMO TEST

High Surf Warning North Shores

Questions?