What's New?

Todd McDaniel, Mac Group, Client Platform Services, Marriott Library

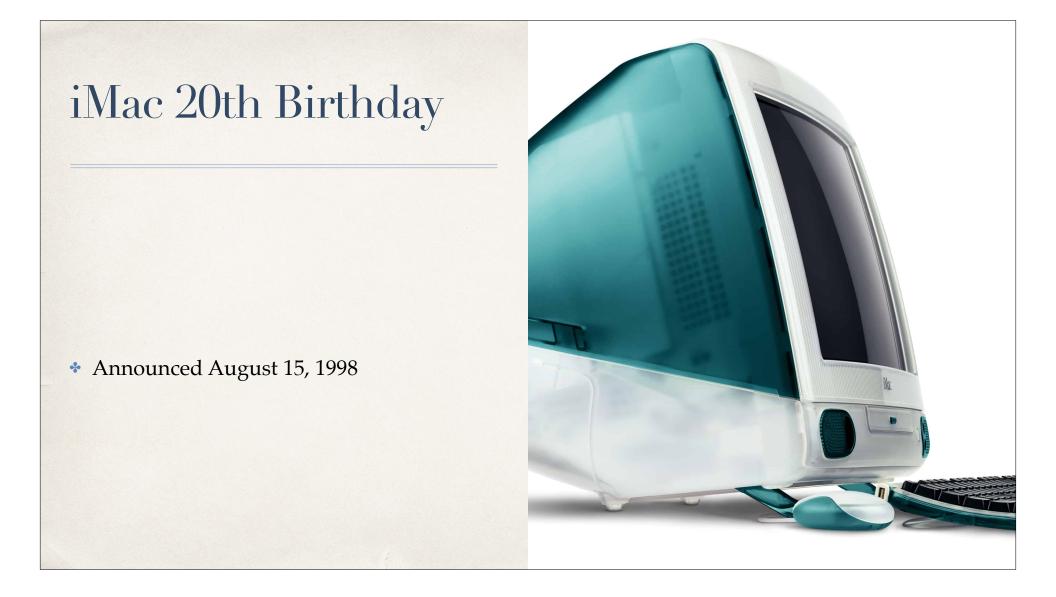J. Willard Marriott Library
THE UNIVERSITY OF UTAH

50 YEARS ALL U NEED

MacBook Pro i9 thermal issues

* Quickly patched.
* https://arstechnica.com/gadgets/2018/07/we-tested-throttling-on-the-macbook-pro-now-apple-says-it-has-a-firmware-fix/

iMac 20th Birthday

✤ Announced August 15, 1998

Group FaceTime dropped from iOS 12 initial release

✤ iOS 12 beta 7 release notes:
"Group FaceTime has been removed from the initial release of iOS 12 and will ship in a future software update later this fall."

✤ iOS 12 beta 7 pulled due to performance issues.
https://www.macrumors.com/2018/08/13/apple-pulls-ios-12-beta-7/

Foreshadow Intel SGX vulnerabilities

* https://foreshadowattack.eu

* Discovered in January, 2018

* L1 Terminal Fault

* SGX (Software Guard Extensions)

* Patches are available

FORESHADOW

Foreshadow-NG

✤ Foreshadow technique able to read any SGX secured memory

✤ Foreshadow-NG can read *any* data in L1 cache

"A malicious guest VM (running on the cloud) can potentially read memory belonging to the VM's hypervisor or memory belonging to another guest VM running on the cloud."

FORESHADOW

https://foreshadowattack.com

DEFCON

black hat
USA 2018

Patrick Wardle and the Synthetic Clicks

* https://speakerdeck.com/patrickwardle/fire-and-ice-making-and-breaking-macos-firewalls

* https://speakerdeck.com/patrickwardle/the-mouse-is-mightier-than-the-sword

* https://www.wired.com/story/invisible-mouse-clicks-hack-macos/

* https://github.com/objective-see/DoNotDisturb

Vulnerabilities in MacOS Kernel Graphics Driver

✤ https://github.com/keenjoy95/defcon-26/blob/master/
Attacking%20the%20macOS%20Kernel%20Graphics%20Driver.pdf

✤ https://github.com/didi/kemon
An Open-Source Pre and Post Callback-Based Framework for macOS Kernel Monitoring.

Questions, Comments?