What's New?

Todd McDaniel, Mac Group, Marriott Library

June, 2018





WWDC 2018

Nothing earth shaking No hardware announcements



macOS 10.14 Mojave

- Dark Mode *
- APFS support for Fusion and rotational drives
- Group FaceTime (up to 32 paticipants!)
- Finder Stacks *
- Security and privacy enhancements, additional Safari anti-tracking tools
- Final MacOS support for 32-bits apps *
- * and...







"Marizpan" in 2019?!?

Bringing iOS apps to macOS Mojave will include several ported apps, including News, Stocks and Home * Flag in Xcode plus "some additional work" *





iOS 12

- Runs on anything that runs iOS 11
- Better performance and security (more on that in a bit...), improved 911 location sharing
- Memoji
- Screen Time
- ARKit 2
- Siri shortcuts (Automator comes to iOS?)
- Grouped notifications (sorted by service) *
- Group FaceTime





watchOS 5

Walkie Talkie (active in beta 2) *

- Grouped notifications
- Student ID cards
- Improved workout detection
- Will not support the original Apple Watch





tvOS 12

Dolby Atmos (active in beta 2, but limited content for testing)

- Zero sign-on
- New Aerials <u>https://github.com/JohnCoates/Aerial</u>





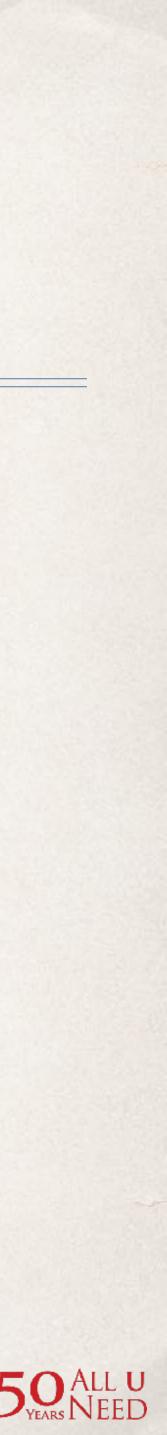
Other news

- Apple bans crypto mining apps from Mac/App Stores https://appleinsider.com/articles/18/06/11/apple-bans-cryptocurrency-mining-on-the-iphone-and-ipad
- macOS code signing bypass https://www.okta.com/security-blog/2018/06/issues-around-third-party-apple-code-signing-checks/
- How one Apple programmer got apps talking to each other * https://www.wired.com/story/soghoian-automation
- USB Restricted Mode in iOS 12 * https://motherboard.vice.com/en_us/article/zm8ya4/apple-iphone-usb-restricted-mode-cellebrite-grayshift

Quicklook leaking secured data

https://wojciechregula.blog/your-encrypted-photos-in-macos-cache/ https://objective-see.com/blog/blog_0x30.html



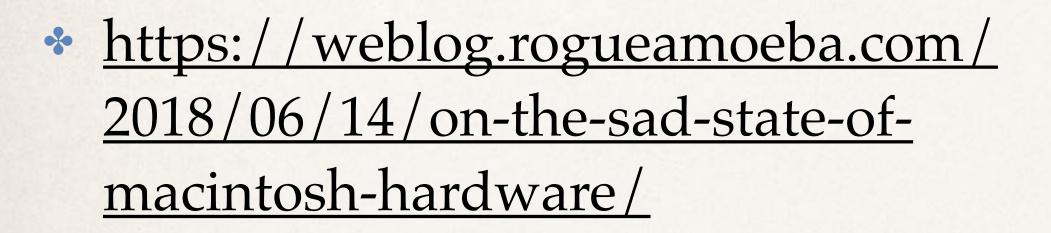


QR Code Vulnerability in macOS/iOS

- https://infosec.rm-it.de/ 2018/03/24/ios-camera-qr-codeurl-parser-bug/
- Easy to mislead users with deceptive link info
- Took Apple 4 months to fix... A month after responsible disclosure.
- Patched in macOS 10.13.4 and iOS 11.3.1

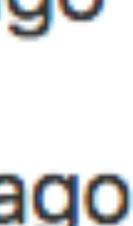


The state of Macintosh hardware



https://mjtsai.com/blog/2018/06/15/onthe-sad-state-of-macintosh-hardware/

 iMac Pro: 182 days ago iMac: 374 days ago MacBook: 374 days ago MacBook Air: 374 days ago MacBook Pro: 374 days ago Mac Pro: 436 days ago Mac Mini: 1337 days ago



Intel news

SGHz, 28-core processor shown at Computex

* Forgot to mention overclocking and industrial water coolers...

Q4 availability

https://www.anandtech.com/show about-28core-5-ghz-demonstration

https://www.anandtech.com/show/12932/intel-confirms-some-details-





VPNFilter malware

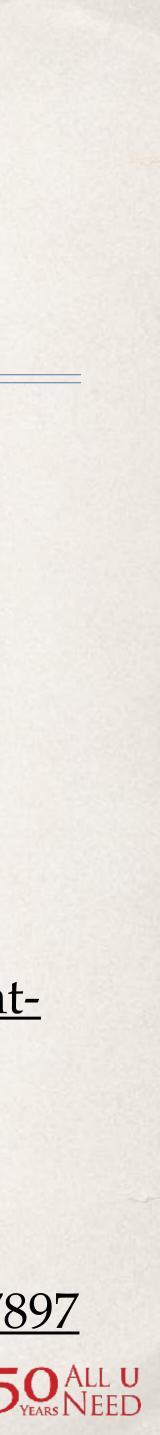
- Targets consumer grade routers and NAS devices
- *
- https://blog.talosintelligence.com/2018/05/VPNFilter.html *
- https://blog.talosintelligence.com/2018/06/vpnfilter-update.html *
- * threat-28-botnet-infected
- https://en.wikipedia.org/wiki/VPNFilter *

Will attack clients behind routers, inject content into traffic and capable of bricking infected devices

https://www.justice.gov/opa/pr/justice-department-announces-actions-disrupt-advanced-persistent-

https://forums.juniper.net/t5/Threat-Research/VPNFilter-a-global-threat-beyond-routers/ba-p/327897







Questions, Comments?