

What's New?

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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 participants!)
- ❖ Finder Stacks
- ❖ Security and privacy enhancements, additional Safari anti-tracking tools
- ❖ Final MacOS support for 32-bit 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
<https://github.com/JohnCoates/Aerial>

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-code-url-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://weblog.rogueamoeba.com/2018/06/14/on-the-sad-state-of-macintosh-hardware/>
- ❖ <https://mjtsai.com/blog/2018/06/15/on-the-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

- ❖ **5GHz, 28-core** processor shown at Computex
- ❖ *Forgot to mention overclocking and industrial water coolers...*
- ❖ Q4 availability
- ❖ <https://www.anandtech.com/show/12932/intel-confirms-some-details-about-28core-5-ghz-demonstration>

VPNFilter malware

- ❖ Targets consumer grade routers and NAS devices
- ❖ Will attack clients behind routers, inject content into traffic and capable of bricking infected devices
- ❖ <https://blog.talosintelligence.com/2018/05/VPNFilter.html>
- ❖ <https://blog.talosintelligence.com/2018/06/vpnfilter-update.html>
- ❖ <https://www.justice.gov/opa/pr/justice-department-announces-actions-disrupt-advanced-persistent-threat-28-botnet-infected>
- ❖ <https://en.wikipedia.org/wiki/VPNFilter>
- ❖ <https://forums.juniper.net/t5/Threat-Research/VPNFilter-a-global-threat-beyond-routers/ba-p/327897>

Questions, Comments?