

# LONDON APPLE ADMINS

## 13TH JULY 2023

- 18:30 - 19:00: Arrive and mingle
- 19:10 - 19:25: “What’s new at WWDC!” - LAA
- 19:30 - 19:45: “What’s new with managing macOS” - LAA
- 19:50 - 20:00: Break and Refreshments - Supplied by dataJAR
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WHAT'S NEW? AN LAA RETROSPECTIVE

DOUBLE-YOU DOUBLE-YOU DEE  
SEE, TWENTY TWENTY THREE









# VISION PRO

- visionOS - control with eye tracking, hand movement and voice
- 3D Camera
- Spatial Audio
- EyeSight - reveals your eyes to others
- OLED Display (23 megapixel)
- Two chips - M2 (CPU/GPU) and R1 (realtime sensor input processing - cameras/microphones)



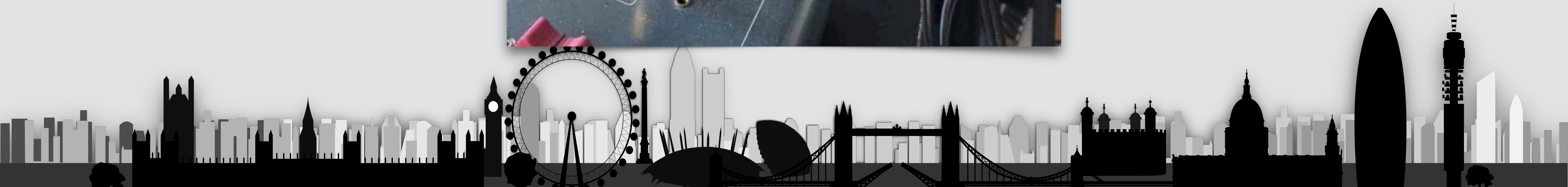


# NEW COMPUTERS!

- 15-inch M2 MacBook Air (because we should)
  - 24GB RAM
  - 8 Core CPU, 10 Core GPU
  - 18 hour battery
- Mac Studio M2 Max/Ultra (because we want to)
  - 192GB RAM, 1TB SSD
  - 24 Core CPU, 60 Core GPU
  - 4 x TB4, 10GbE 2 x USB-A
- Mac Pro M2 Ultra (because we can)
  - 192GB RAM
  - 24 Core CPU, 76 Core GPU
  - 2 x HDMI, 8 x TB4, 2 x 10GbE, 4 x USB-A









# MACOS 14 “SONOMA”

- Video screensavers
- Desktop Widgets
- Game Mode
- Video Conferencing
  - Presenter Overlay
  - Reactions
- Safari
  - Lock Private Browsing Windows
  - iCloud Keychain sharing enhancements
  - Profiles
  - Web Apps





# IOS 17

- Phone, FaceTime and Messages enhancements
- Proximity based sharing
  - AirDrop (also sends over the internet when out of range)
  - NameDrop (Apple Watch too)
  - SharePlay
- AI autocorrect - sentence level (ducking awesome!)
- Journal
- StandBy
- Hey **Siri**
- Your pets in Photos
- Offline Maps





# IPADOS 17

- Final Cut Pro & Logic Pro (subscription based - VPP?)
- Widget enhancements
- Customisable Lock Screen
- Health App
- PDF enhancements
- External display camera for calls





# WATCHOS 10

- Widgets
- Faces
- Workouts
  - Cycling
  - Hiking
- Health
  - Mental health
  - Eye health
- View FaceTime videos





# EVERYTHING ELSE

- tvOS 17
  - UI redesign
  - Find Siri Remote with iPhone
  - FaceTime using Continuity Camera
- AirPods Adaptive Audio
- AirPlay in hotels
- SharePlay for CarPlay
- Fitness+
  - Custom plans
  - Audio Focus
  - Stacks





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# With what's new in managing macOS

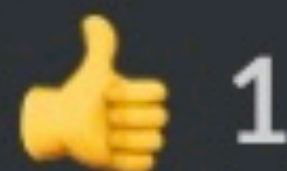






**squirke** 19:30

[@Daz\\_Wallace](#) actually having pondered -  
what's new with managing macOS?



1

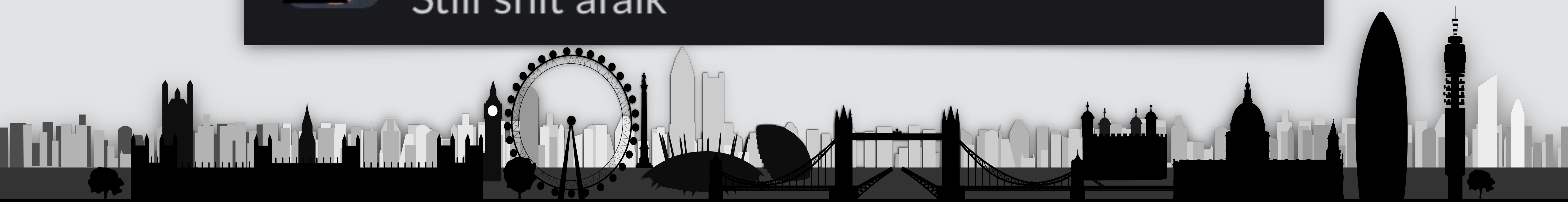


I think I can do that justice



**rt** 19:30

Still shit afaik





STILL SH\*T AFAIK









# ADE / DEP improvements





# A NAGGIER NAG

## THAT RUNS FULL SCREEN



### Remote Management

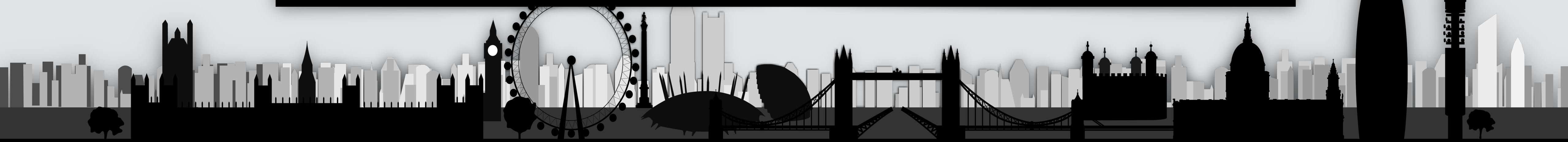
Remote management enables the administrator of "Thoughtworks, Inc." to set up email and network accounts, install and configure apps, and manage this computer's settings.

**"Thoughtworks, Inc." can automatically configure your computer.**

[Learn more about remote management](#)

[Not now](#)

Continue





# AND CAN BE INVOKED FROM SYSTEM PREFERENCES



Search



Stephen Quirke  
Apple ID

Enrol in Remote  
Management





Add a device to the right group in ABM with configurator for iPhone





# DECLARATIVE DEVICE MANAGEMENT

WITH SOFTWARE UPDATES THAT WORK?





# THIS SOUNDS FAMILIAR...



<b>Required OS Version:</b>	<b>13.6</b>
Current OS Version:	13.4.1
Days Remaining To Update:	<b>-11</b>
Deferred Count:	1

[More Info](#)

## Your device requires a security update

Hey Steve - this is a friendly reminder from InfoSec and TechOps.

Your device will restart during this update  
Updates can take around 30 minutes to complete

[Update Device](#)

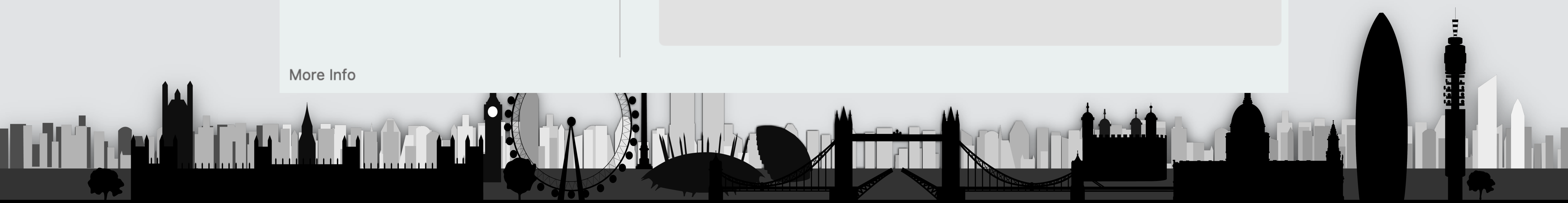
### Important Notes

This open source application is called Nudge. It's been built and is maintained by the global Mac Admin community to improve patching compliance.

We have tested Nudge and found it to be the most effective notification mechanism for OS patching. Click the 'More info' button to find out more about the associated program of work.

NOTE : If your device cannot "see" macOS 13.6 please reboot and try again. If that does not work, please raise a support ticket! Also, if you absolutely have to be on an older version, please make sure you get it approved by TechOps and Infosec. Raise a support ticket right away!

To begin the update, simply click on the Update Device button and follow the provided steps.





# MANAGE THESE SERVICES WITH DDM...

- sshd
- sudo
- PAM
- CUPS
- Apache
- zsh (/private/etc/zprofile)
- bash (/private/etc/profile)





# Status channel



APPS APPS APPS






# MORE GRANULAR MANAGEMENT OF SYSTEM SETTINGS

## < > Firewall



### Firewall

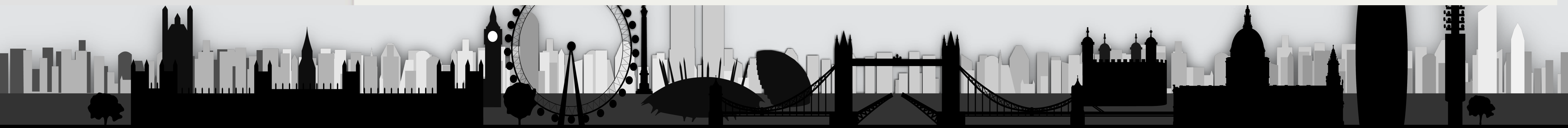
The firewall is turned on and set up to prevent unauthorised applications, programs and services from accepting incoming connections.

 This setting has been configured by a profile.

advanced

Firewall on or off

Options



# PLATFORM SSO STUFF





/var/db/.AppleSetupDone is done...

:(



# RESTRICT ALL THE THINGS

- allowAccountModification
- allowDeviceNameModification
- allowStartupDiskModification
- allowTimeMachineBackup
- allowFingerprintModification





# Managed Apple IDs









**grahamgilbert** 7 days ago

This came up at breakfast this morning. Am I the only one who didn't know this? <https://www.planetnatural.com/fig-wasp/>

**PN Planet Natural**

### **Fig Wasp: Are There Dead Wasps in My Figs? (Complete Guide)**

Fig wasps are the only pollinators of fig trees and lay their larvae inside figs in return. So, are you eating dead wasps? Read this guide for the full answer.

**Written by**

Melissa Pino

**Est. reading time**

8 minutes

14 Jun (39 kB) ▶



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# What's New in Managing iOS?

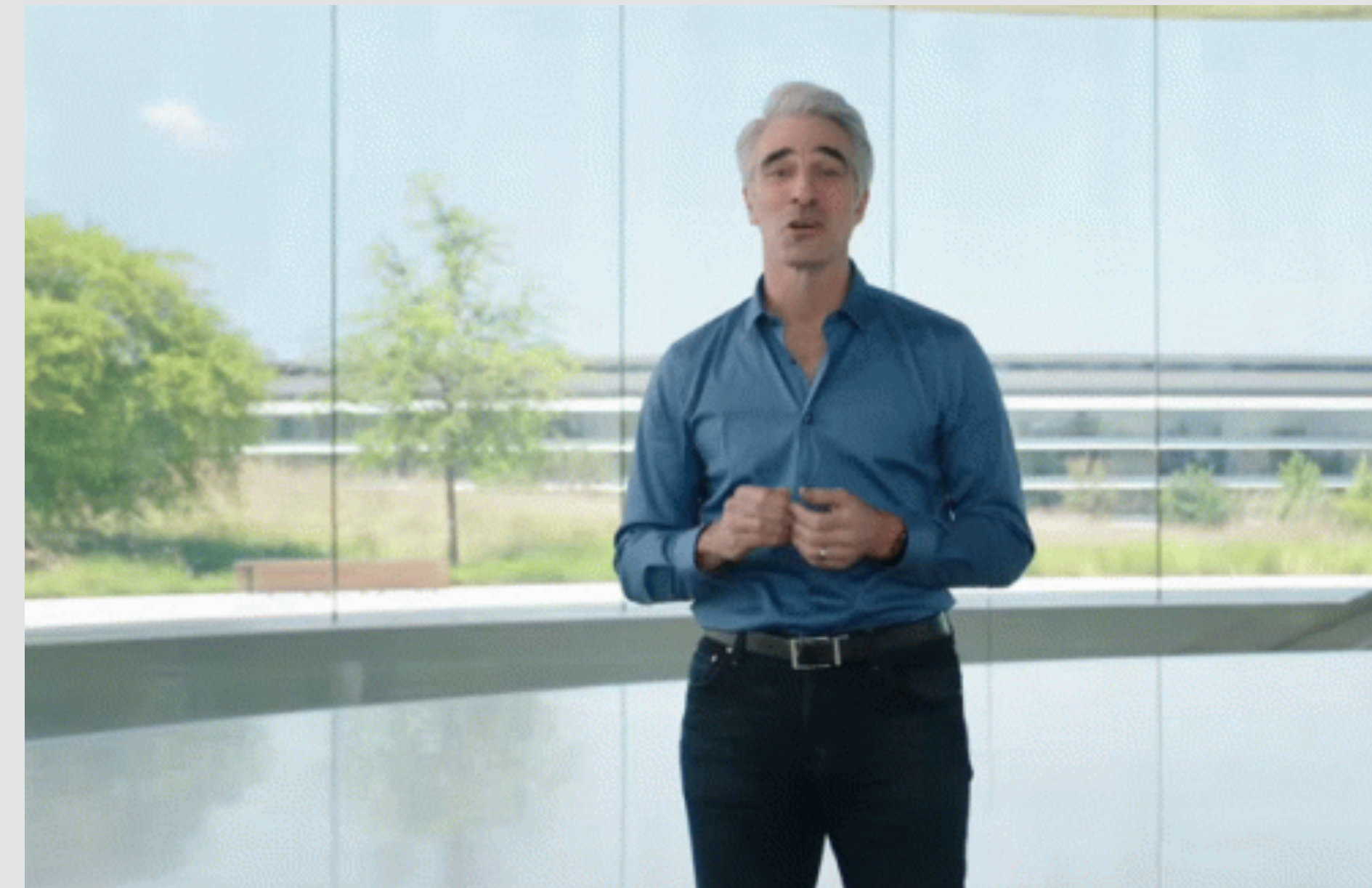
WWDC 2023





# What's New in Managing iOS?

- New Features and Improvements
- Changes
- Deprecations and Future Changes







# NEW FEATURES AND IMPROVEMENTS



# New Features and Improvements

## RETURN TO SERVICE





# New Features and Improvements

## MINIMUM OS FOR ENROLMENT



New Features and Improvements

# CELLULAR CONNECTIONS





New Features and Improvements

# 5G NETWORK SLICING



New Features and Improvements

# MDM AND PRIVATE NETWORKS





# New Features and Improvements

## 802.1X SUPPORT

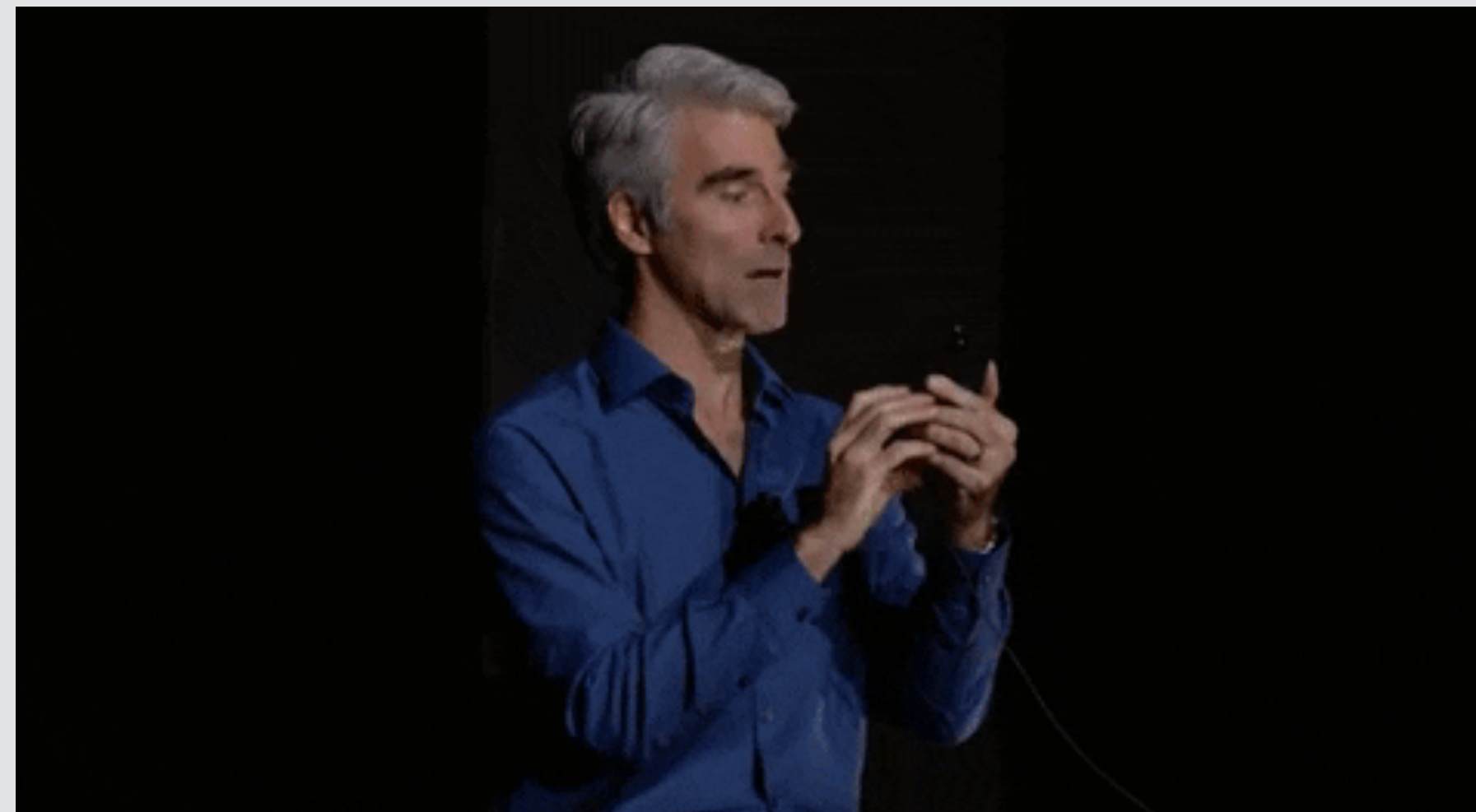


# New Features and Improvements

## SHARED IPAD







# CHANGES



Changes

# MAXINACTIVITY KEY





Changes

TAP TO PAY



Changes

# VPN CONFIGURATION





Changes

# INSTALLEDAPPLICATIONLIST

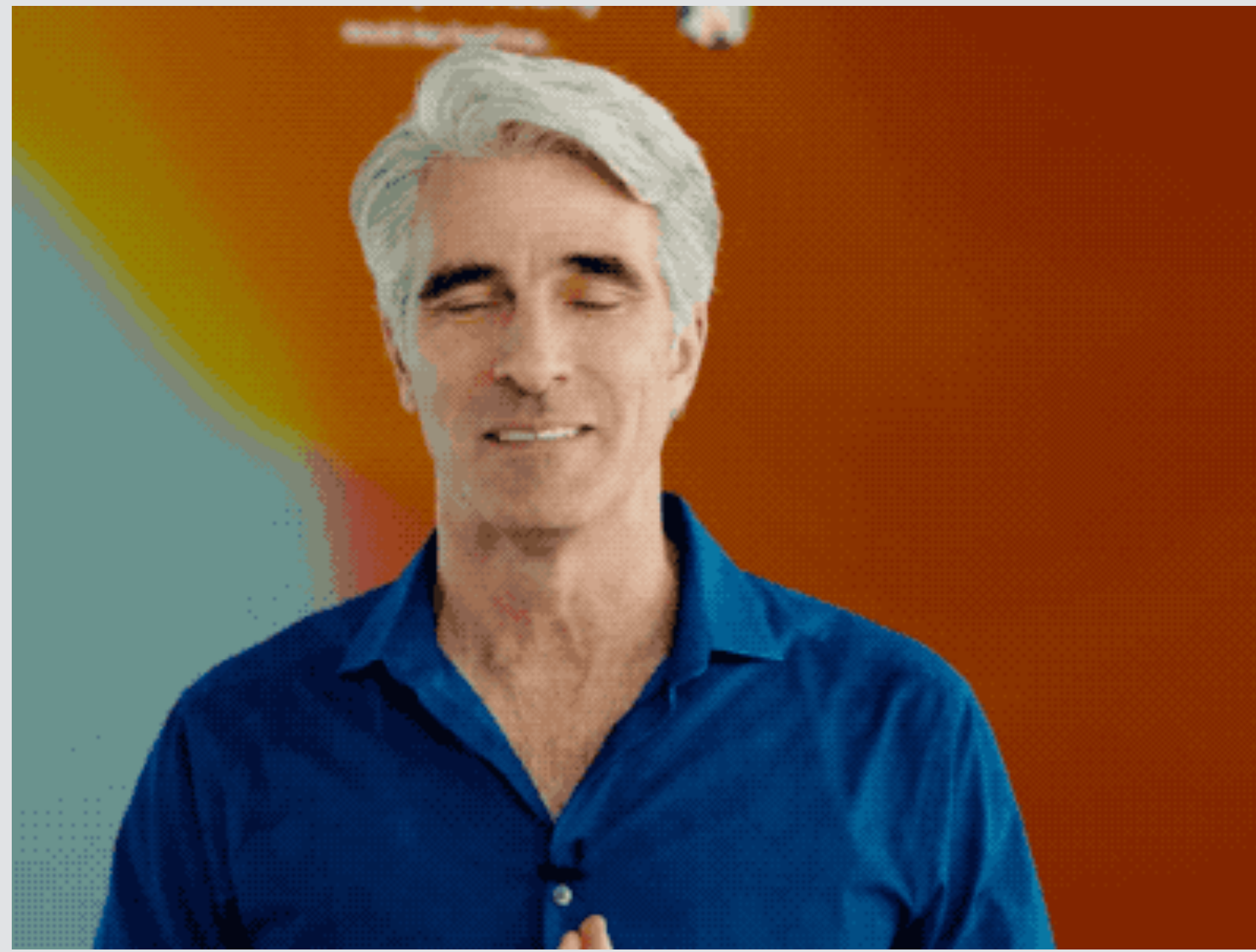


Changes

# DEVICEINFORMATION







# DEPRECATIONS AND FUTURE CHANGES



# Deprecations and Future Changes

## SUPERVISION





# Deprecations and Future Changes

## SUPERVISION

- Allow Auto Unlock
- Allow Fingerprint for Unlock
- Allow Spotlight Internet Results
- Allow Shared Stream
- Allow Global Background Fetch When Roaming
- Allow In App Purchases
- Allow JavaScript (Safari)



# Deprecations and Future Changes

## SUPERVISION

- Allow Popups (Safari)
- Accept Cookies (Safari)
- Allow Bookstore Erotica
- App Ratings (allowed)
- TV Show Ratings (allowed)
- Movies Ratings (allowed)
- Allow Explicit Content





Deprecations and Future Changes

# SUPERVISION AND PERSONAL APPLE IDS



# Deprecations and Future Changes

## SUPERVISION AND PERSONAL APPLE IDS

- Allow Cloud Photo Library
- Allow Cloud Document Sync
- Allow Activity Continuation
- Allow Cloud Private Relay



# Deprecations and Future Changes

## DEPRECATIONS





# Deprecations and Future Changes

## DEPRECATIONS

- Force iTunes Store Password Entry
- Allow Photo Stream
- Allow Voice Dialling
- Profile-Based User Enrollment





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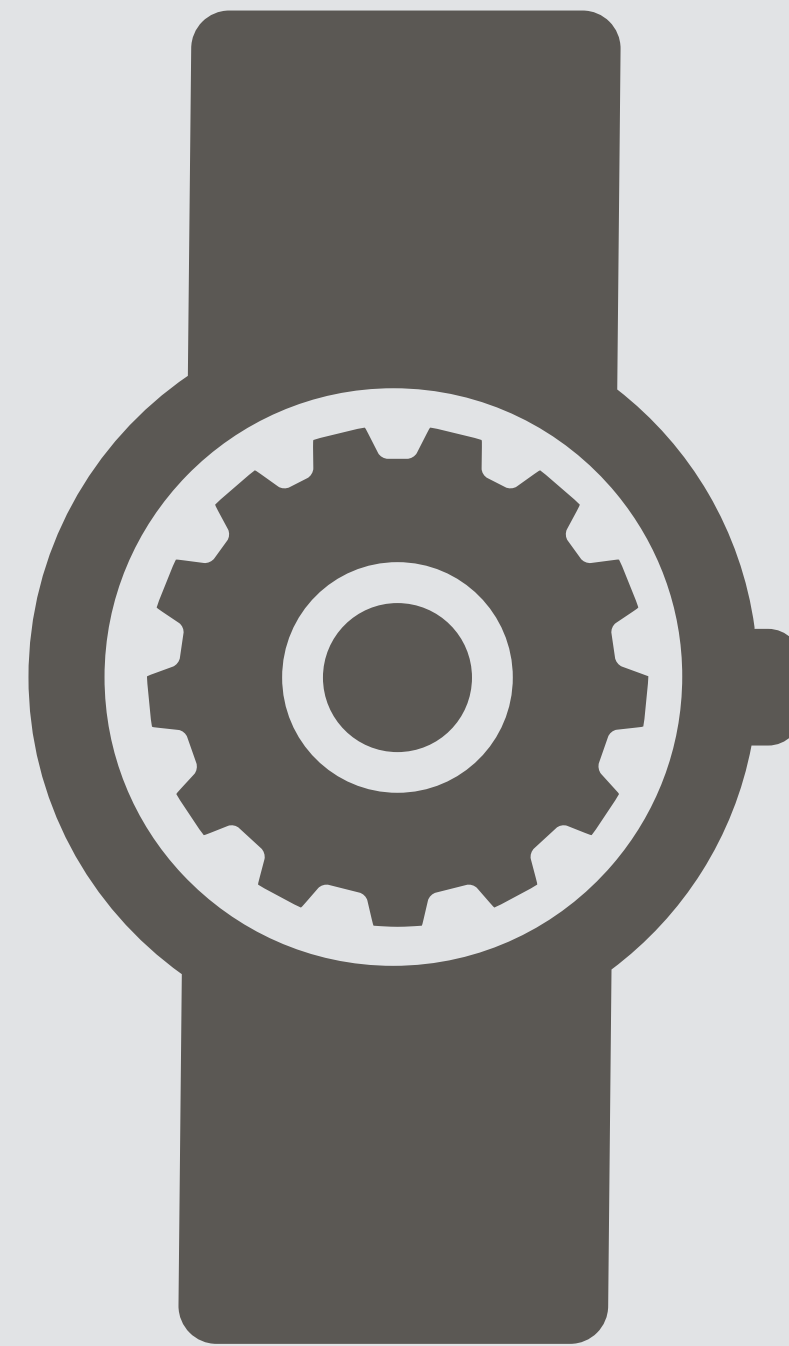


# WHAT'S NEW WITH MANAGING...EVERYTHING ELSE!



# MEET DEVICE MANAGEMENT FOR APPLE WATCH

<https://developer.apple.com/videos/play/wwdc2023/10039/>



# DO MORE WITH MANAGED APPLE IDS

<https://developer.apple.com/videos/play/wwdc2023/10254/>





# WHAT ARE PASSKEYS? EVERYTHING YOU NEED TO KNOW ABOUT THE DEATH OF PASSWORDS

<https://www.tomsguide.com/news/what-are-passkeys>

*Passkeys aim to make all of your accounts more secure by using passwordless login in place of traditional passwords since each passkey is a unique digital key that can't be reused.*

*They're also stored in an encrypted format on your devices instead of on a company's servers which keeps them safe in the event of a data breach.*



# DEPLOY PASSKEYS AT WORK

<https://developer.apple.com/videos/play/wwdc2023/10263/>



# DEPLOY PASSKEYS AT WORK

<https://developer.apple.com/videos/play/wwdc2023/10263/>

- No phishing
- No credential theft from servers
- Great user experience





# DEPLOY PASSKEYS AT WORK

<https://developer.apple.com/videos/play/wwdc2023/10263/>

- Use Managed IDs
- Control syncing of passkeys
- Require work passkey creation on managed devices



# EXPLORE ADVANCES IN DECLARATIVE DEVICE MANAGEMENT

<https://developer.apple.com/videos/play/wwdc2023/10041/>

- Ensure passkeys only sync on managed devices
- Prove to relying parties that passkey creation happens on managed devices
- Store passkeys created for work in iCloud keychain on managed accounts



# DO MORE WITH MANAGED APPLE IDS

<https://developer.apple.com/videos/play/wwdc2023/10254/>





# DO MORE WITH MANAGED APPLE IDS

<https://developer.apple.com/videos/play/wwdc2023/10254/>



Allow Managed Apple ID On

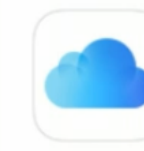
Any Device



Any Device

Managed Devices Only

Supervised Devices Only



Allow iCloud On

Any Device



Any Device

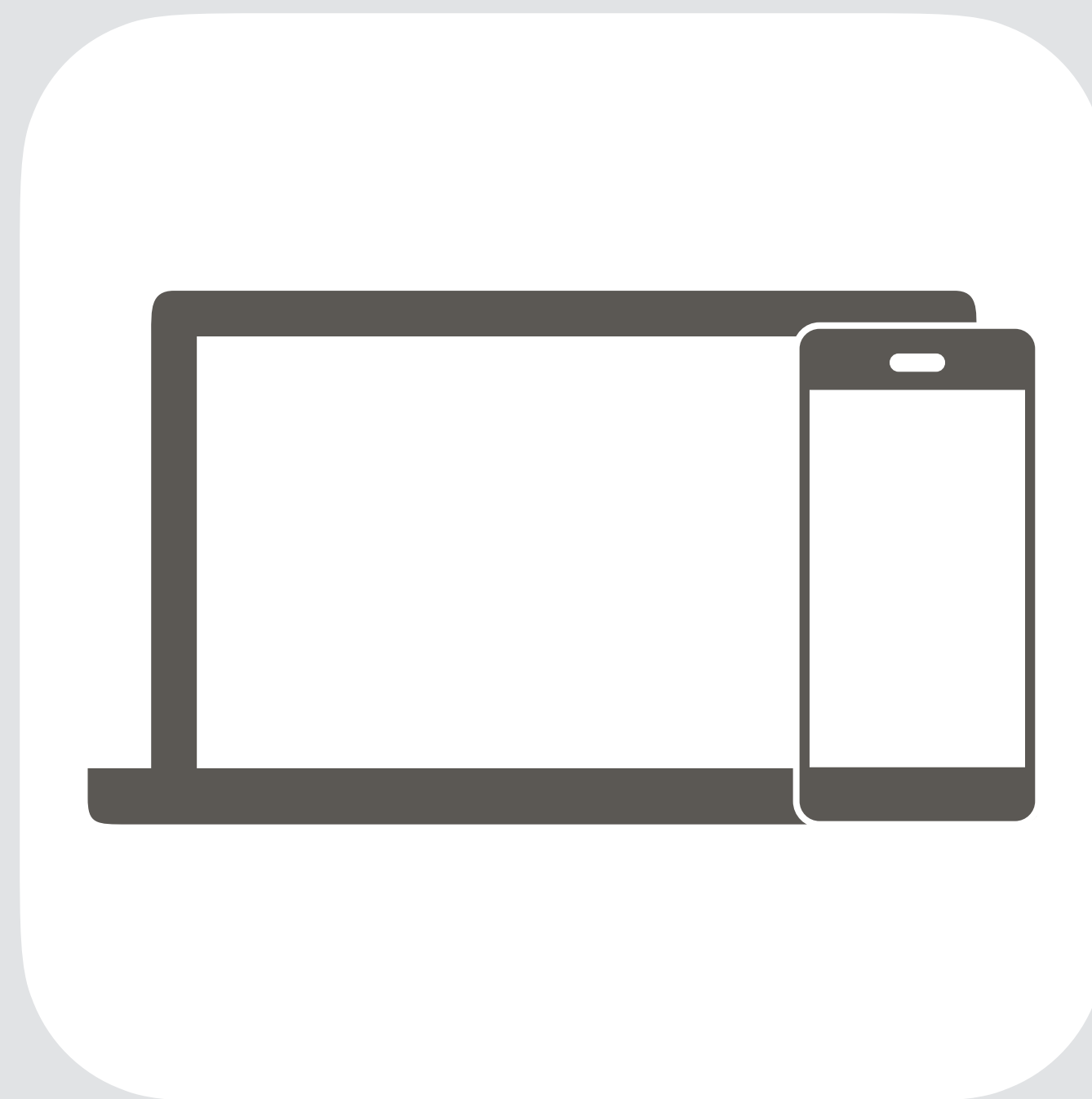
Managed Devices Only

Supervised Devices Only



# DO MORE WITH MANAGED APPLE IDS

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