Apple User Group

June 29, 2017
Episode 74*

Next Meeting

Thursday 1:00pm

July 27, 2017

Apple News!

Apple News

- If you were paying $10/month for iCloud storage, Apple just increased your available storage from 1TB to 2TB. No other options was changed

- Tim Cook revealed that Apple is working on autonomous systems for self-driving cars

- Virgin Mobile announced that it will become the first iPhone-only carrier as of June 27th

- They are currently running a promotion offering a cellular plan with unlimited data, text, and calls for $1 for the first year, and then $50 a month thereafter

Apple Camp

- Apple has opened up registration for its summer Apple Camp classes aimed at kids 8 to 12, with free sessions set to begin in July

- There at three courses available at Apple Stores

  - The <u>Creating Characters and Composing Music</u> course where kids create their own stories by sketching characters with an Apple Pencil on the iPad Pro, then creating a musical track with vocals in GarageBand

  - The <u>Stories in Motion with iMovie</u> course will teach students to storyboard their ideas, then learn about camera angles and editing during shooting before presenting their finished product

  - In the <u>Coding Games and Programming Robots</u> session, kids will use Tynker to solve puzzles before learning to program a Sphero robot

WWDC17

- 5600 developers attended from all over the world, ranging in age from 10 to 82

- The keynote was on Monday, June 5 in San Jose. It was broadcast live and lasted for 2.5 hours

- There were 6 areas of announcements: tvOS 11, watchOS 4, macOS 10.13, iOS 11, a new iPad Pro, and a new echo-like speaker

- While WWDC is usually about software, there was significant emphasis this time about new hardware, including several Mac hardware upgrades

tvOS

tvOS

- Apple started with some fairly minor announcements for the Apple TV:

  - They updated the Apple TV Remote app to support the iPad natively and added the ability to use Siri

  - The Apple TV will support Amazon video later this year (great for Amazon Prime members)

  - In tvOS 11, Apple will sync home screens if multiple Apple TVs are installed

- They also hinted that new features that will be unveiled during Apple's fall event along with new hardware (new Apple TV)

Apple Watch

Apple Watch

- Apple announced watchOS 4 will be coming this fall

- It will have additional watch faces

  - A Siri watch face that automatically displays reminders, photo memories, sunrise/sunset features, home app features, news app updates, and activities coaching

  - A Kaleidoscope face that shifts and moves

  - New Toy Story watch faces with popular characters from the films like Jesse, Woody, and Buzz Lightyear, that move around on the screen with different animations

  - You can also create custom watch faces directly from photos on your iPhone

Apple Watch

- In the Control Center, there's a new Flashlight feature, which causes the Apple Watch screen to go completely white and shine as brightly as possible

- There is also a strobe flashlight and a red-light flashlight

- There will be new activity features that tells what you need to do to reach your goals every day as well as new monthly challenges

- The Workout app will get a few upgrades including enhanced swim tracking, quick start capabilities, and high-intensity training

Apple Watch

- All the Apple-curated playlists in the Music app will sync automatically to your Apple Watch

- watchOS 4 will have native Bluetooth support that will give you the the ability to link and work with smaller wireless products like glucose monitors

- The Bluetooth feature will even be able to connect to certain gym equipment to sync your data from the machine you're using to the Workout app

macOS

High Sierra

- The next version of the macOS will be called High Sierra

- High Sierra seems to be more about refinement rather than a major new consumer-facing features

- That being said there will be several major under-the-hood updates

- One major change is that Macs will convert to the Apple File System (APFS), just like iOS was upgraded in iOS 10.3

- APFS replaces HFS+ and is all about speed and security

High Sierra

- APFS is optimized solid-state drives and has security features like native encryption, crash protection, the ability to do snap-shot backups …

- You should see better response time and performance

- High Sierra will also use HEVC (H.265) for video files vs. H.264

- You'll get up to 40 percent more video compression

- You'll get better streaming of videos and take up less space on your Mac, at the same visual quality

High Sierra

- Some of the biggest app changes are in Photos

  - You'll get a persistent side bar

  - There will be additional editing tools and new filters

  - You'll be able to trim Live Photos and change the photo displayed

  - There will be additional Memories categories

  - The People album will sync across all of your devices

High Sierra

- Safari improvements:

  - Safari will be faster. In fact, Apple stated that Safari tops all desktop browsers in speed

  - The browser will also feature "autoplay blocking" which detects sites that shouldn't be playing video and pauses them

  - Safari will also have a feature called "Intelligent Tracking Prevention" which uses machine learning to look for cross-site trackers and segregates them so that they can't keep tracking you

High Sierra

- Apple's Mail app also has a few improvements:

  - Spotlight search results have been improved

  - There will be a split-view compose window that keeps the message you're replying to on one side and your new mail on the other

  - Mail will be more efficient, taking up 35 percent less storage space

High Sierra

- Notes, has some improvements too:

  - You can pin notes, allowing quick access to your most important notes

  - Notes will support tables

- Any Mac that can run Sierra will be able to run High Sierra

- It will be available as a free upgrade in the fall

iMacs

iMac

- At WWDC, Apple announced new iMacs and Mac laptops

- Apple previously announced the Mac Pro will have a major redesign in 2018

- No mention was made of the Mac mini

- Apple will continue to offer iMacs in three basic models: a 21.5" non-Retina version, a 21.5" iMac with 4K Retina display, and the 27" iMac with 5K Retina display

- Each model received a CPU speed bump using Intel's 7th generation "Kaby Lake" processors

iMac

- Apple has improved the retina displays increasing brightness 43 percent and supporting up to 1 billion colors

- All the retina models now have Radeon Pro GPUs

- Apple has made the Fusion Drive standard in more configurations, and the company claims that the SSDs available are up to 50 percent faster

- All base models still ship with 8 GB, and can be upgraded to 16-64GBs depending on the model

iMac

- The new iMacs are getting two Thunderbolt 3 USB-C ports, making it Apple's first desktop computer to embrace the port standard

- These ports support DisplayPort for external screens, Thunderbolt at up to 40 Gbps, USB 3.1 Gen 2 at up to 10 Gbps, and various other protocols via adapters

- They also have 4 USB 3 ports, a GB ethernet port, an SD card slot, and a headphone jack

- The 21.5-inch non-Retina iMac remains priced at $1099. The two Retina configurations start at $1299 and $1499

- The 27-inch model comes in three configurations: $1799, $1999, and $2299, and they are all available now

MacBooks

MacBooks

- As with the iMac, Apple updated the processors in the MacBook and MacBook Pro with new Kaby Lake processors

- The MacBook Pro models also get improved graphics processing with new updated GPUs

- You can now buy a MacBook with 16 GB of RAM, up from the previous limit of 8 GB

- The MacBook and MacBook Pros Solid State Drives are up to 50 percent faster

MacBooks

- While there were no announcements for the MacBook Air, it's processor was quietly bumped up to a faster clock speed

- Pricing for base models: (available now)

  - 13" MacBook Air - $1000 to $1200

  - 12" MacBooks - $1300 to $1600

  - 13" MacBook Pros - $1300 to $2000

  - 15" MacBook Pros - $2400 to $2800

iMac Pro

iMac Pro

- Apple announced a new model iMac called the iMac Pro which will be available in December

- While iMac Pro retains the same form factor of the standard 27-inch iMac, it swaps the brushed aluminum look for a space-gray finish that extends to the Keyboard, Mouse, and Trackpad

- The goal of the iMac Pro is to provide workstation-class performance within the iMac design. This is the most powerful Mac that Apple has ever produced

- The hardest part of designing this machine in this form factor is dealing with heat generated by the Intel Xeon processors in 8-core, 10-core, and 18-core configurations as well as the use of Radeon's Pro Vega GPUs
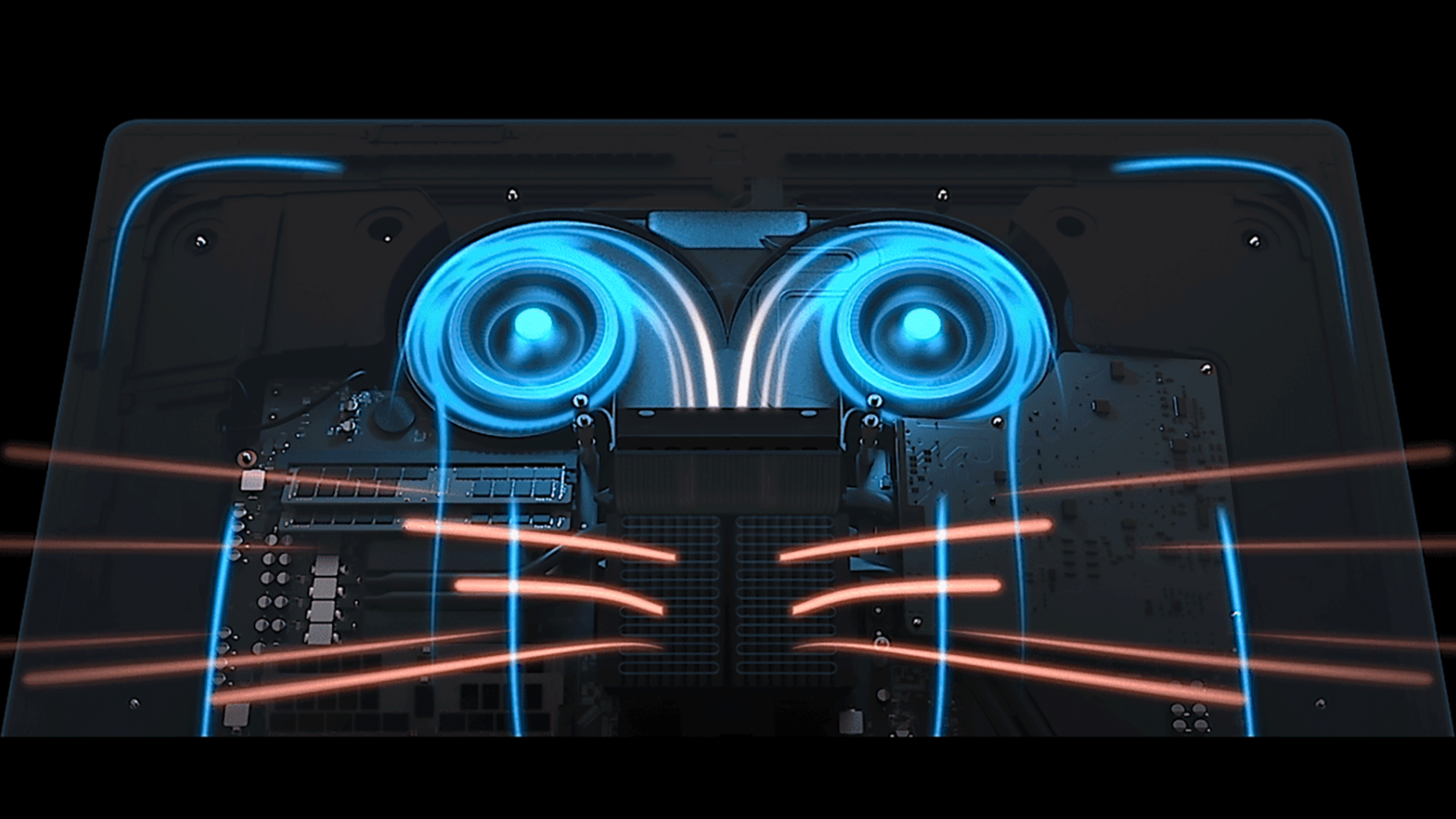
iMac Pro

- The new Radeon Pro Vega GPUs features a next-generation compute core and up to 16 GB of on-package high-bandwidth memory

- The iMac Pro will ship with 32 GB of RAM by default, but is configurable to 64 GB or 128 GB

- A 1 TB SSD is standard, with 2 TB and 4 TB SSDs as options

- It has four Thunderbolt 3 ports, which can drive up to two additional 5K displays and two high-performance RAID arrays at the same time

iMac Pro

- The other connectivity options are the same as the standard 27" iMac, with the exception of Ethernet which will be 10 Gb Ethernet

- The base iMac Pro configuration starts at $5000. Apple claims a comparable workstation would cost about $7000, without a 5K display.

- The iMac Pro is for power users who do graphics editing, virtual reality, graphics work… They are obviously not aimed at typical consumers

MacRumors Buying Guide

iOS | Macs | iPods / Other

MacBook
BUY NOW

MacBook Air
BUY NOW

MacBook Pro
BUY NOW

iMac
BUY NOW

Mac Mini
DON'T BUY

Mac Pro
CAUTION

iOS 11

iOS 11 RIP

- First the bad news…

- The following 32 bit devices will not run iOS 11

  - iPhone 5 and 5c

  - iPad 4 and iPad 3

- If you're using one of those devices, it doesn't mean it'll stop working. You will be able to keep running iOS 10 as it does now and Apple will continue running security updates

- 32 bit apps will not run under iOS 11.   Go to Settings > General > About > Applications to see list of apps that will no longer run

iOS 11 is compatible with these devices.

iPhone

iPhone 7
iPhone 7 Plus
iPhone 6s
iPhone 6s Plus
iPhone 6
iPhone 6 Plus
iPhone SE
iPhone 5s

iPad
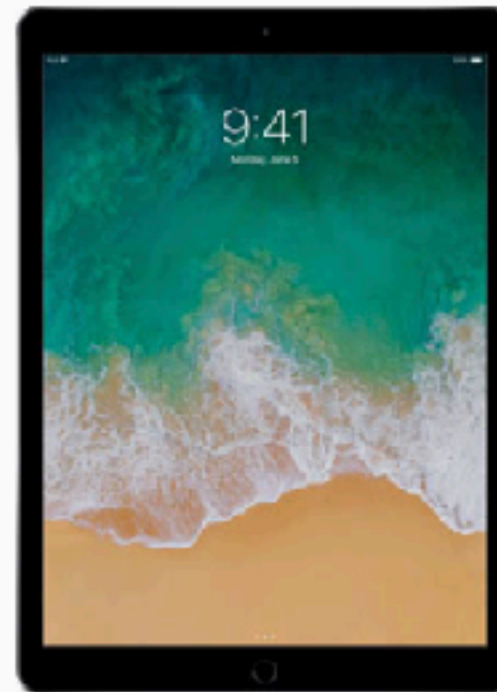
12.9-inch iPad Pro
2nd generation
12.9-inch iPad Pro
1st generation
10.5-inch iPad Pro
9.7-inch iPad Pro
iPad Air 2
iPad Air
iPad
5th generation
iPad mini 4
iPad mini 3
iPad mini 2

iPod

iPod touch
6th generation
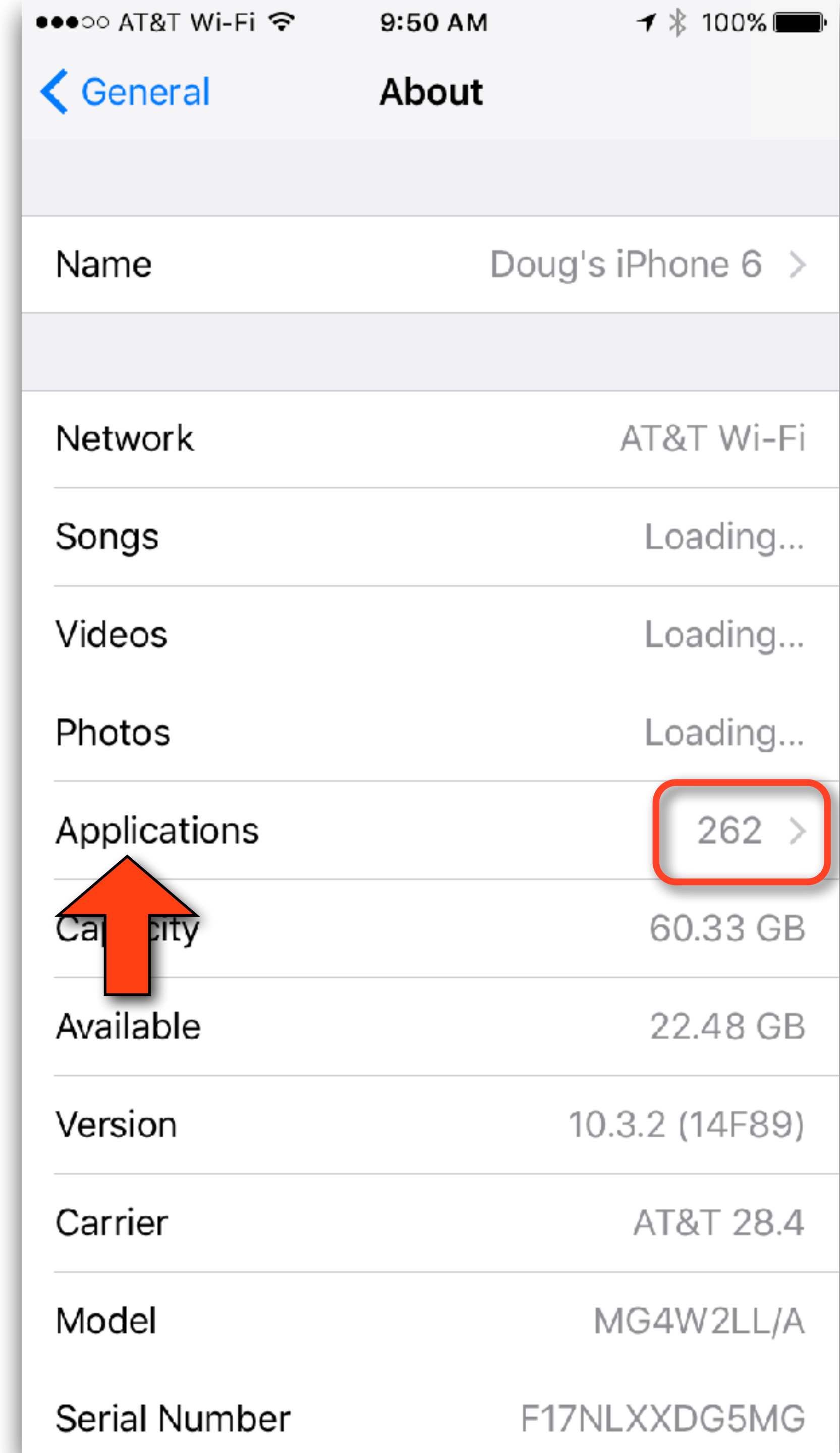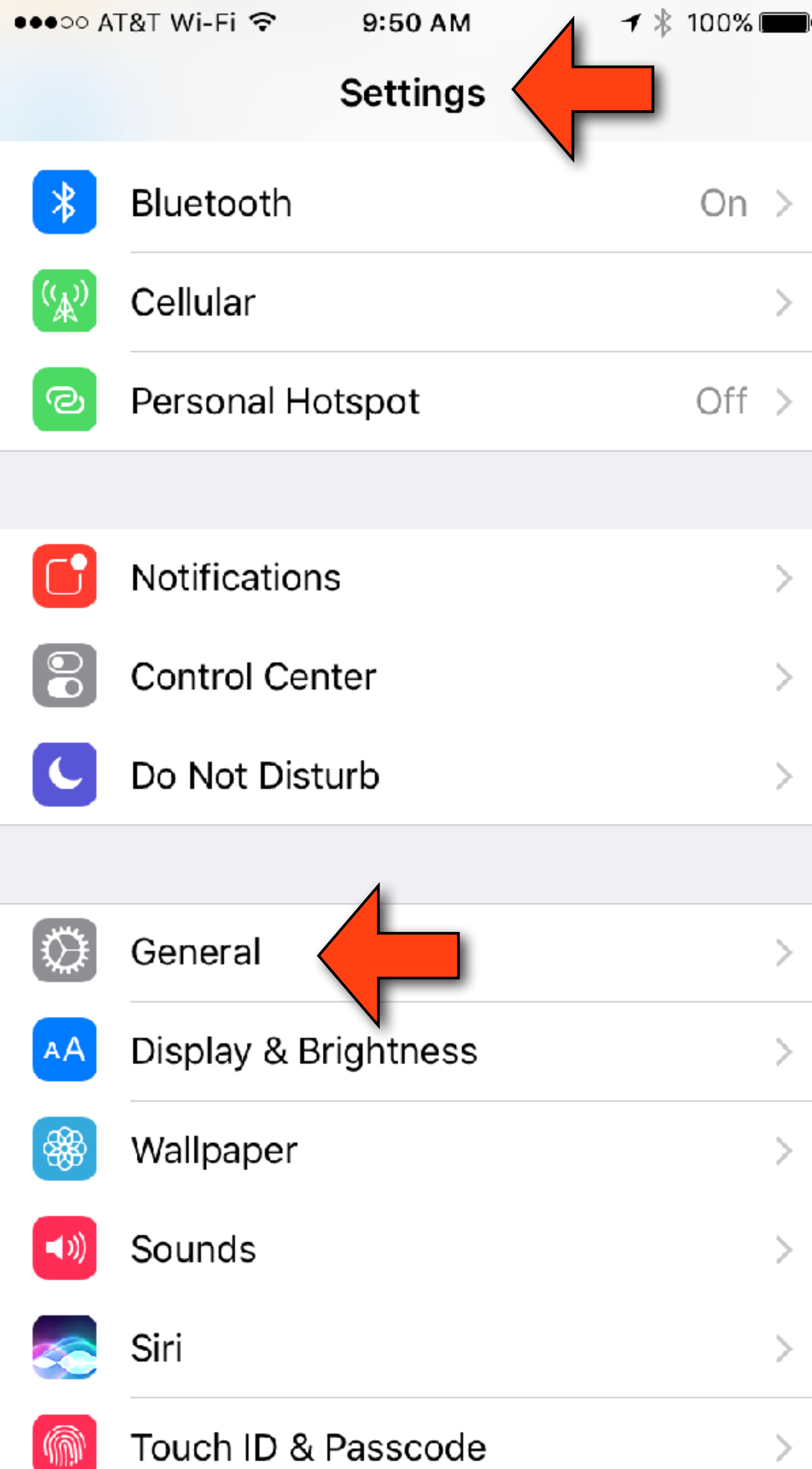
Settings

🔵 Bluetooth   On >

📡 Cellular >

🟢 Personal Hotspot   Off >

🔴 Notifications >

⚙️ Control Center >

🌙 Do Not Disturb >

⚙️ General >

🔤 Display & Brightness >

🌸 Wallpaper >

🔊 Sounds >

🟣 Siri >

👆 Touch ID & Passcode >

< Settings   **General**

About >

Software Update >

Spotlight Search >

Handoff >

CarPlay >

Accessibility >

Storage & iCloud Usage >

Background App Refresh >

Restrictions   Off >

< General   **About**

Name   Doug's iPhone 6 >

Network   AT&T Wi-Fi

Songs   Loading...

Videos   Loading...

Photos   Loading...

Applications   262 >

Capacity   60.33 GB

Available   22.48 GB

Version   10.3.2 (14F89)

Carrier   AT&T 28.4

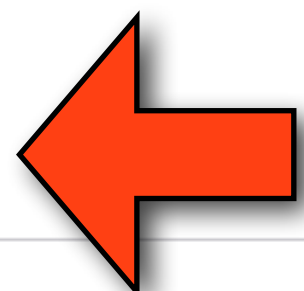Model   MG4W2LL/A

Serial Number   F17NLXXDG5MG

‹ About   **App Compatibility**

These apps may slow down your iPhone and will not work with future versions of iOS if they are not updated. If no update is available, contact the app developer for more information.

NO UPDATES AVAILABLE

Air Show ›

Comimix ›

Mahjong Artifacts ›

Park Guides ›

Gifts Free ›

TrackerLite ›

Convex ›

Tips ›

Swift Bill ›

Player ›

PerfectPhoto ›

⬆️   ☰

Air Show HD for Chromecast & U-verse   4+

Splitmo ›

Offers In-App Purchases

★★✩✩✩ (12)   ⁺OPEN

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iPhone

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Description

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"One of the best applications of the airplay technology more

⭐ Featured   📁 Categories   📋 Top Charts   🔍 Search   ⬇️⁶ Updates

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‹ About   **App Compatibility**

These apps may slow down your iPhone and will not work with future versions of iOS if they are not updated. If no update is available, contact the app developer for more information.

NO UPDATES AVAILABLE

Air Show ›

"Mahjong Artifacts" Not Available In App Store

This app is not currently available in the store. Contact the app developer for more information.

OK

TrackerLite ›

Convex ›

Tips ›

Swift Bill ›

Player ›

iOS 11

- While the High Sierra upgrade will be a minor refinement, iOS 11 will have a lot of user facing improvements — especially for the iPad

- Today, I'll give a taste of what's coming along with some videos highlighting the features

- I will not be able to show all the new features, but I'll cover the major ones

- After it's released in the fall, I'll provide a lot more details and show how the more exciting features work

iOS 11

- There's a brand new dock for the iPad (only)

- You can add up to 13 apps in the dock in addition to another 3 recently used apps which are added automatically

- You swipe up from the bottom of the screen at any time to make the dock appear and you can switch to another app just by tapping it

- Or, you can drag a second app right from the dock to the screen, and both apps remain active in either Slide Over or Split View

- It's easier to understand in a demo…

phoneArena.com

iOS 11

- iOS 11 adds an iPad feature that looks a lot like spaces in mission control on the Mac

- Once the dock is visible, just pull up again and the display will show all the open apps as well as the new control panel

- You can switch to any app just by tapping it or use the control panel like you do now

- For the first time, you can now customize what is in the control panel in settings

- There are many new options you can add including a Apple TV remote, a magnifying option, a new option to do screen recording, change text size, …

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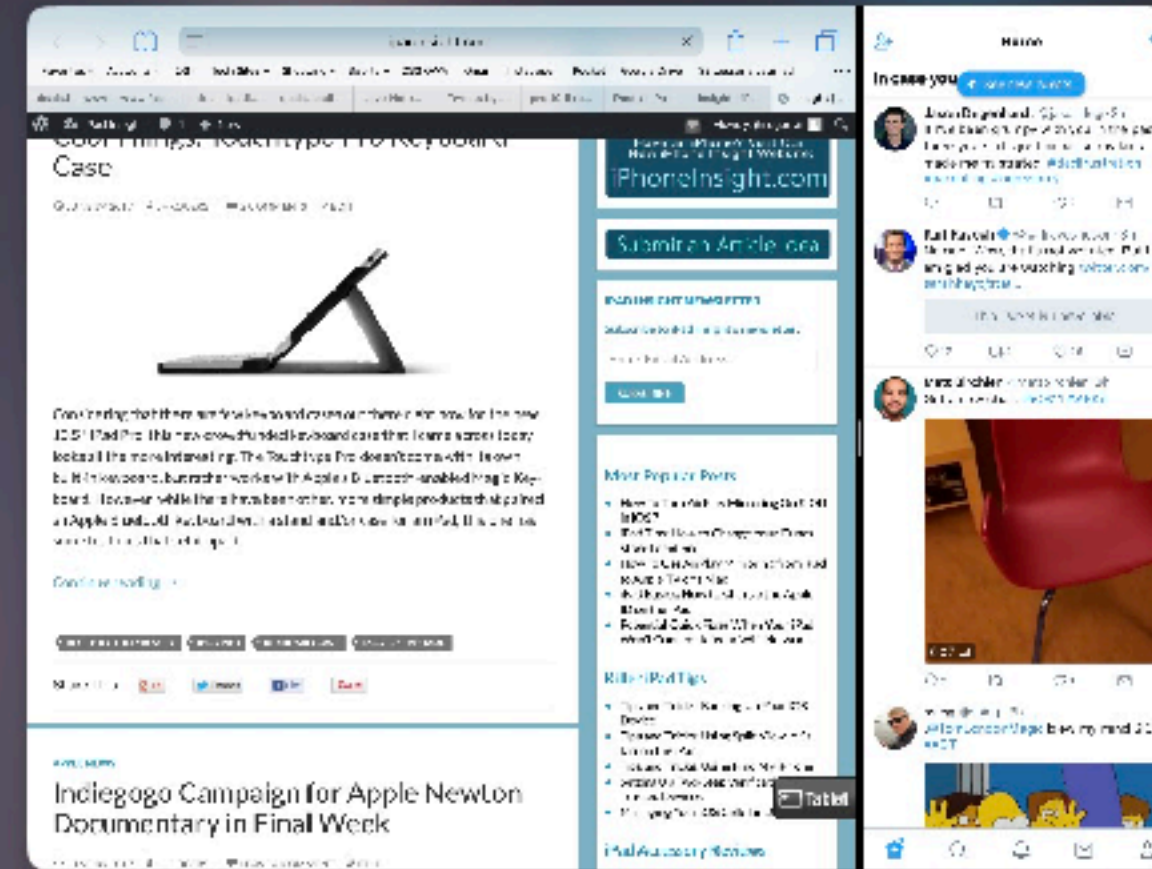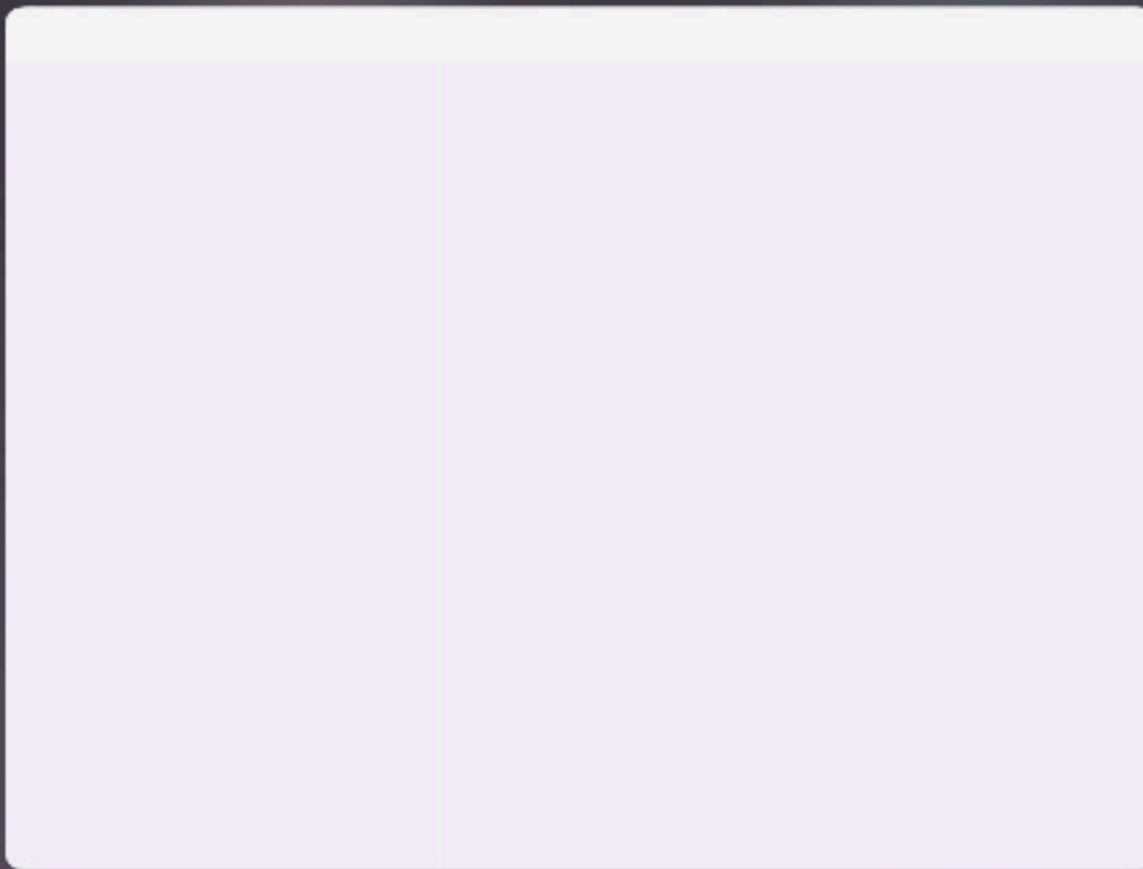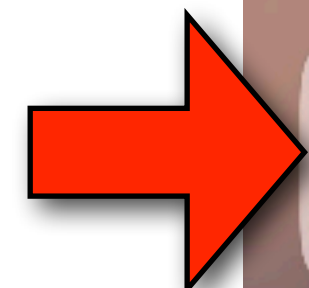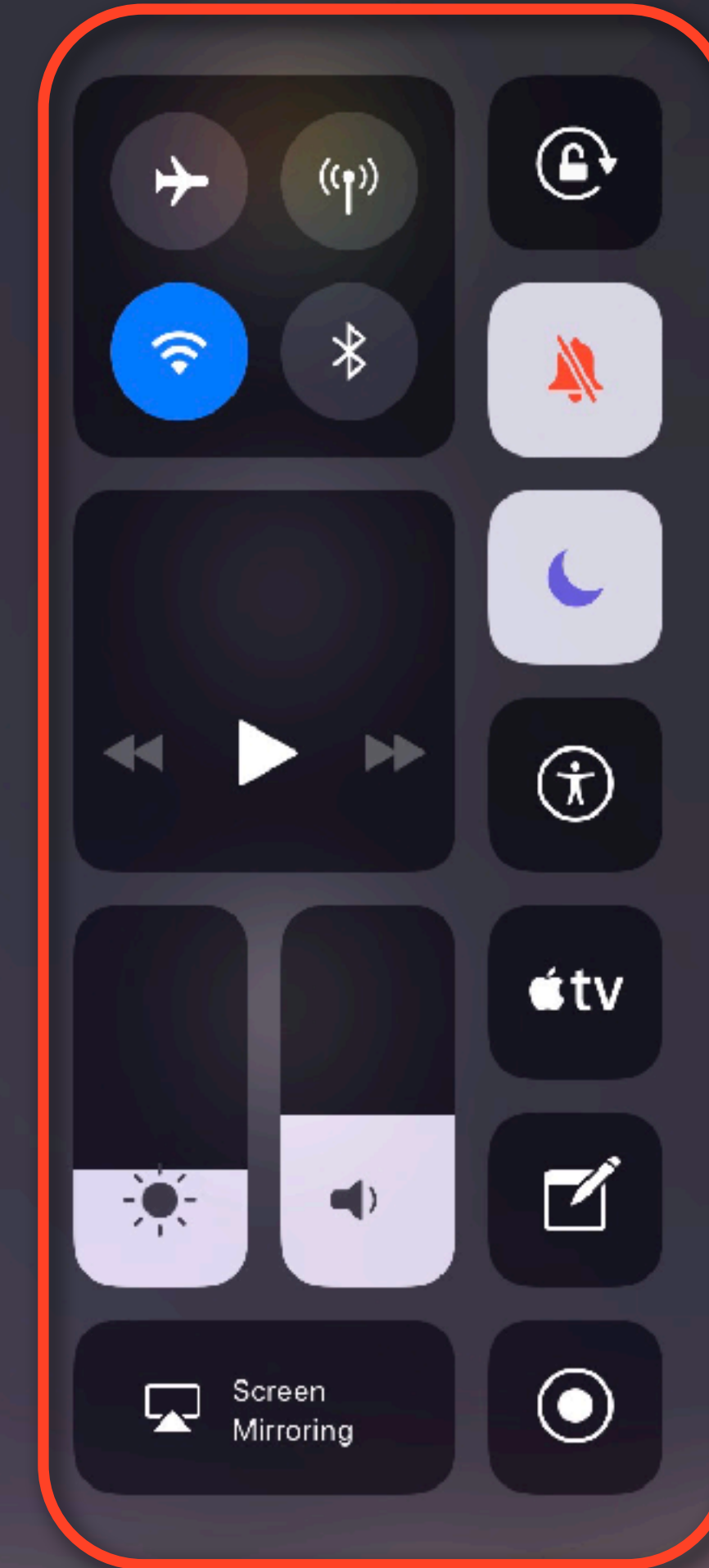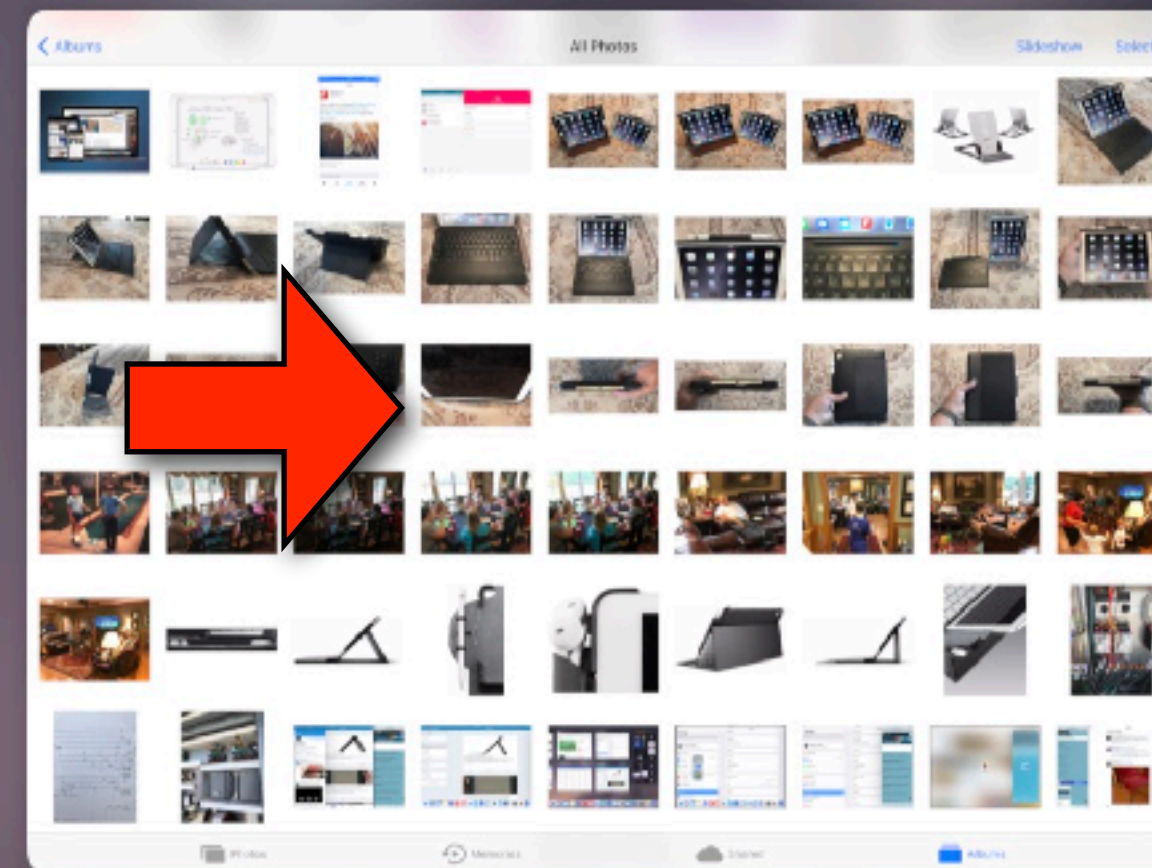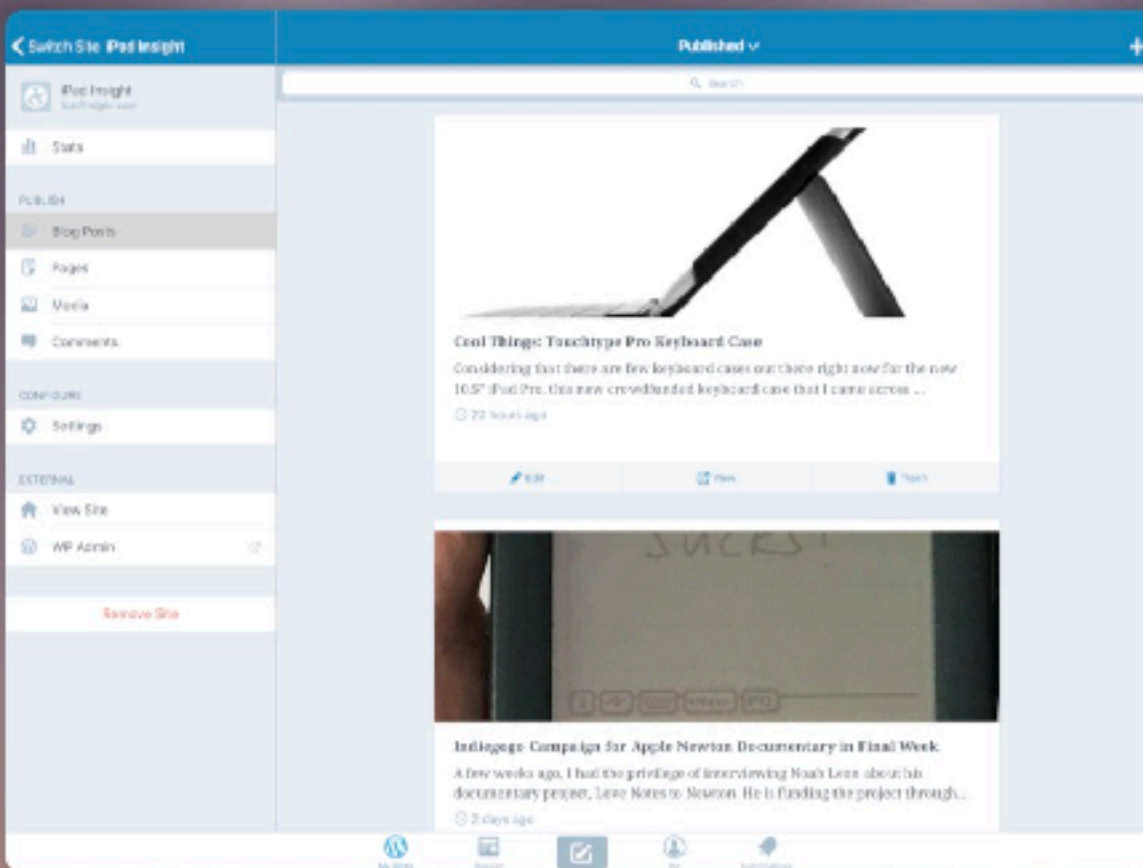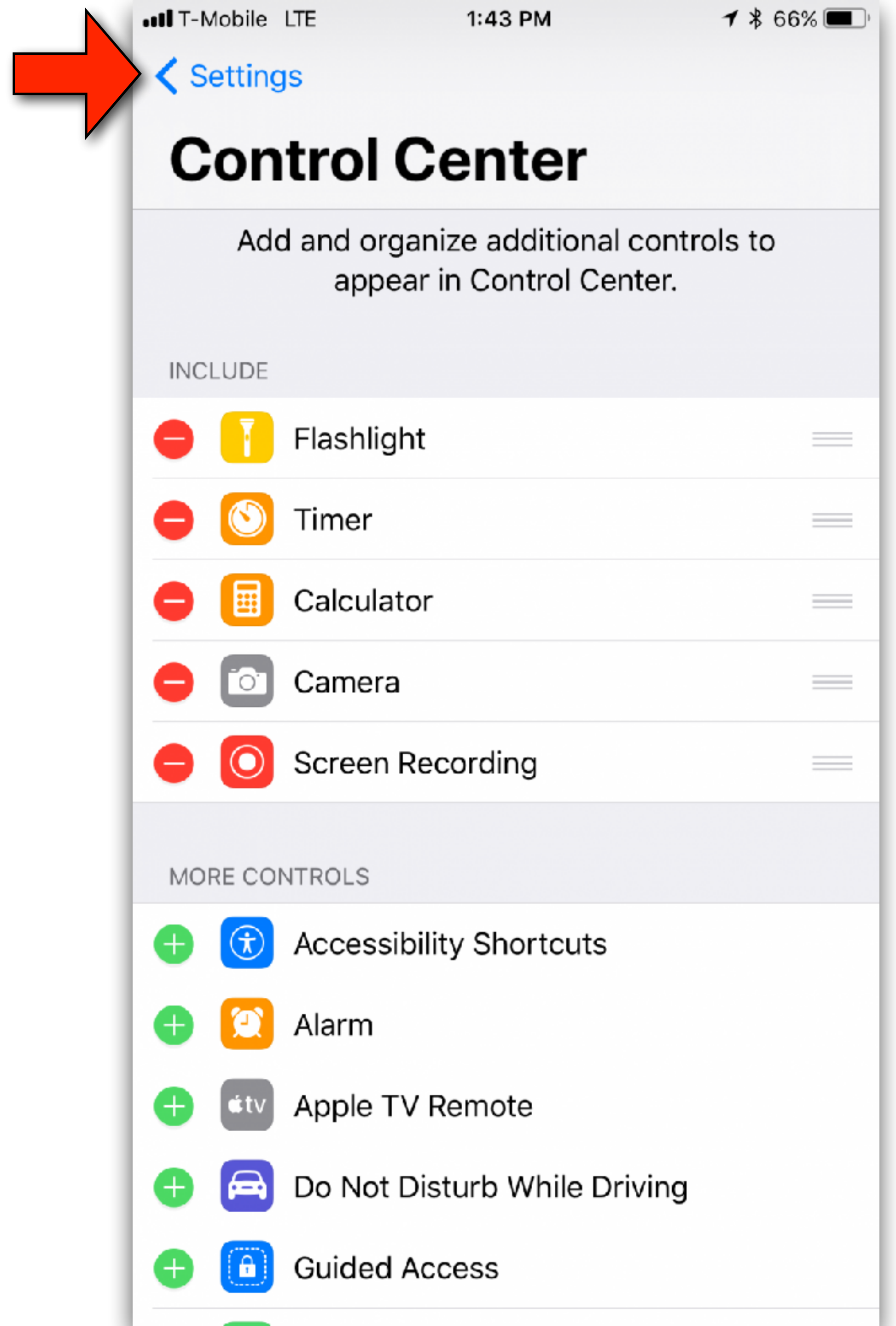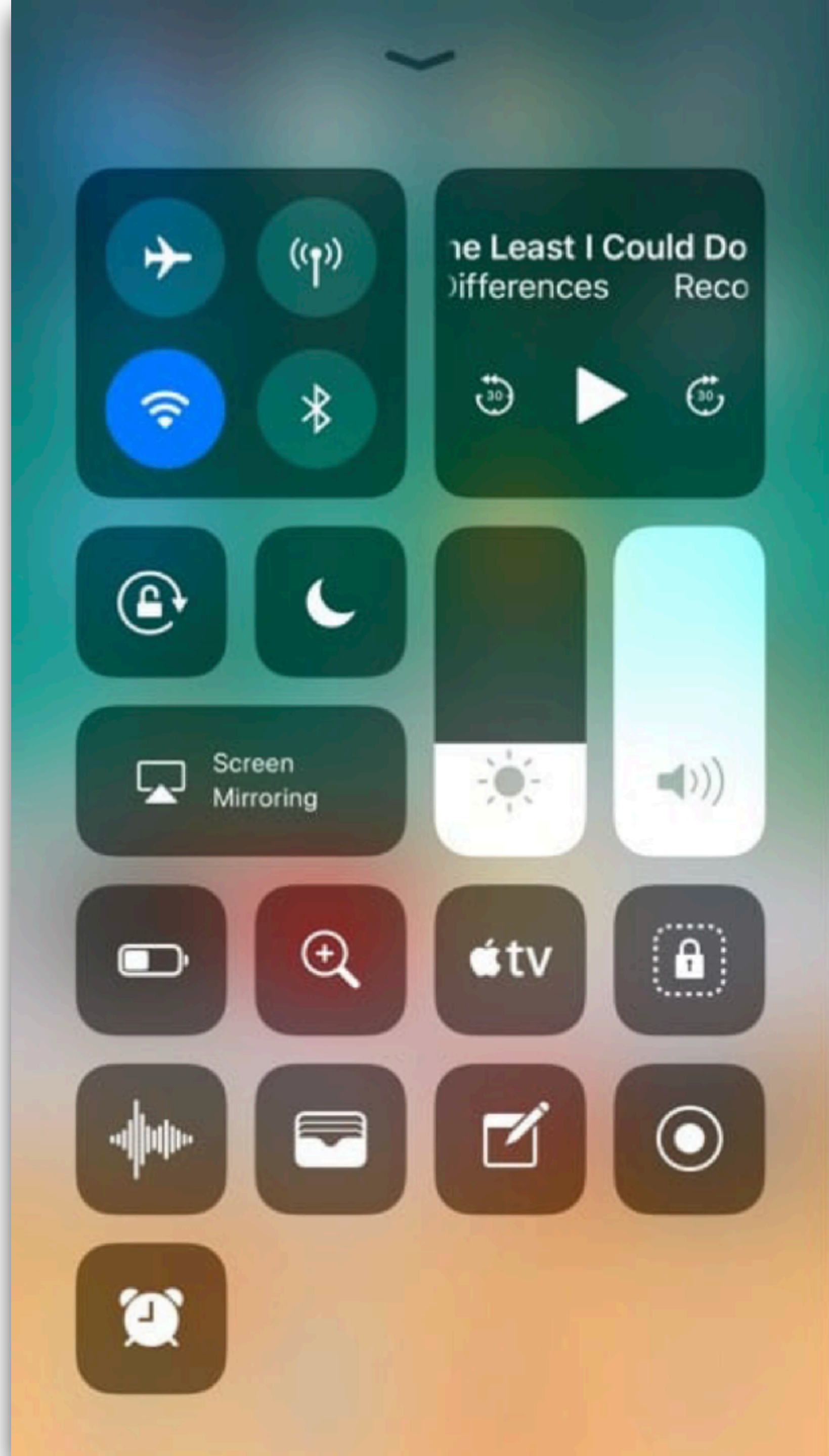
iOS 11

- A new Files app, which replaces the iCloud App, looks and works a lot like the Finder in macOS

- It exposes the iPad's file system, and allows you to browse, search, and organize all your files in one place

- In addition to the files on your iPad, and iCloud Drive, it also works other services like Amazon Drive, Google Drive and Dropbox

- Drag and Drop comes to iPad, allowing you to move text, photos, and files from one app to another

- You can even select and act on multiple files at the same time
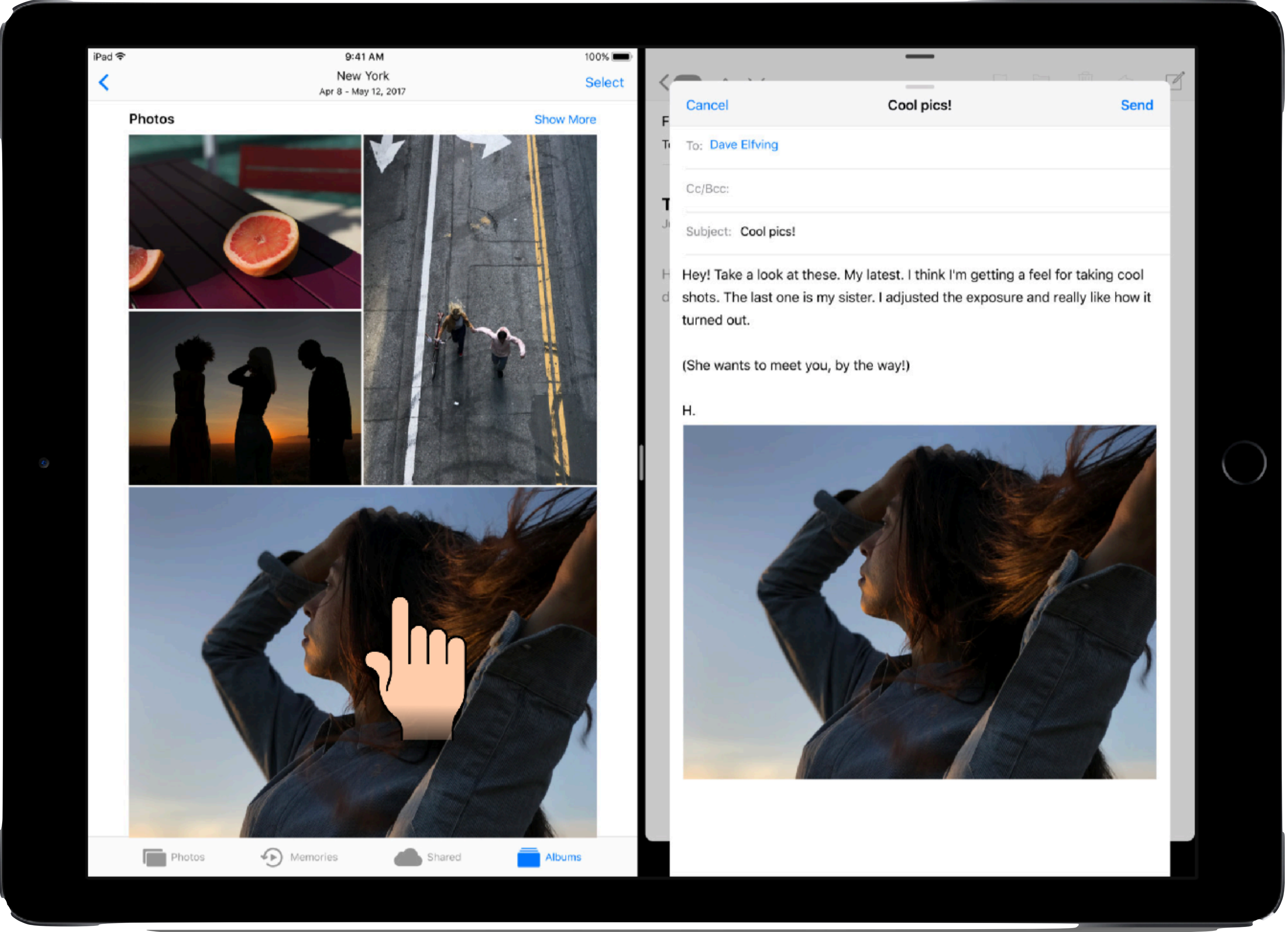
iOS 11

- On the iPhone, there's a new option for a one-sided keyboard that can be enabled by pressing down on the globe keyboard button

- It moves the keyboard to either the left or right side of the device allowing you to reach all the keys with one hand

- There's an new feature called "Type to Siri"

- With this option toggled on, when you access Siri, a keyboard comes up so you can type something to Siri vs. speaking

iOS 11

- There is a new Document Scanner in Notes which automatically senses and scans a document, crops the edges, and removes any tilt or glare

- Apple is bringing iMessage to iCloud. Now if you delete a message on your iPhone, the deletion will be reflected on your Mac or iPad

- On the iPad, symbols and numbers accessible via the shift key are visible on the keys themselves

- The alternate symbols and numbers are accessed by pulling down on the key and releasing
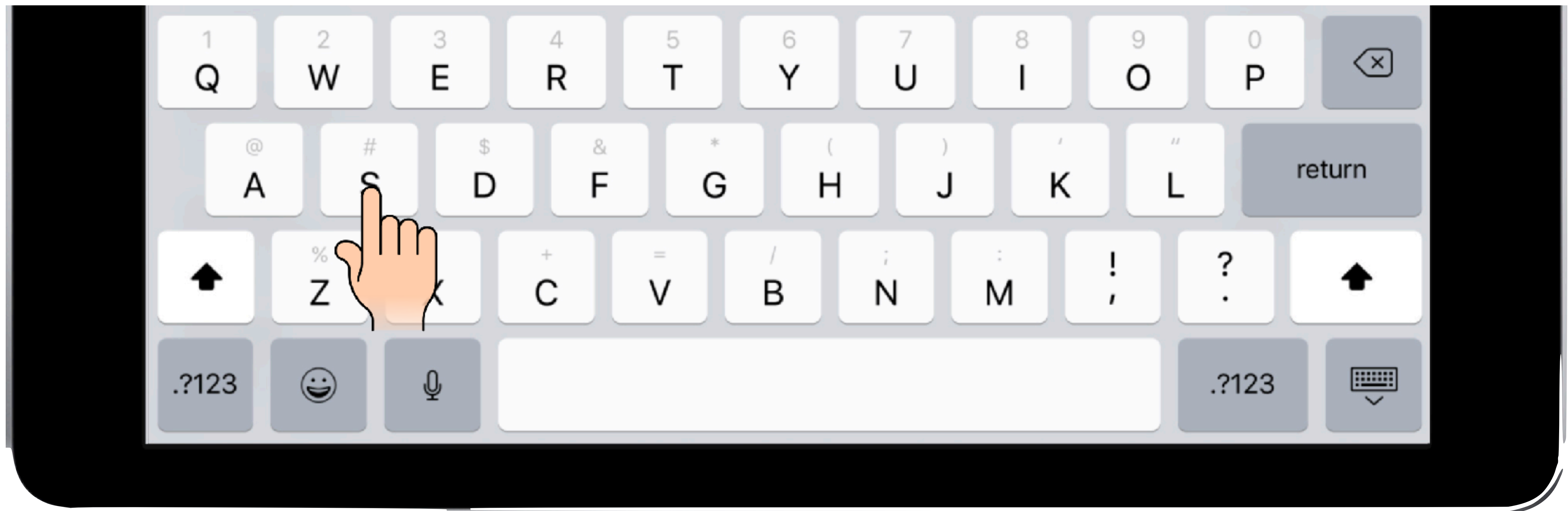
Pull down on S and you'll type a #

iOS 11

- If you're getting low on storage, there's a new option in settings that can automatically uninstall apps that haven't been used in a while

- Documents and data for uninstalled apps will remain available in case the app is re-installed

- The Camera app automatically detects QR codes and will respond appropriately, doing things like opening up Safari to a specific website

- When setting up a new iOS device, there's now an option to hold it near an existing device to automatically copy over settings, preferences, and iCloud Keychain

iOS 11

- There's a new safety feature for the iPhone - "Do Not Disturb While Driving."

- When this is enabled, the iPhone will activate it automatically when:

    - the iPhone is connected via a vehicle's USB connection

    - the iPhone is connect to the car via Bluetooth

    - or it determines that the car is moving

- When activated, messages sent won't be displayed to the driver

iOS 11

- CarPlay functionality will stay live, and navigation and music playback still work

- Passengers have the ability to dismiss the warning, by tapping the "I'm not driving" button that pops up when the warning comes up

- Parents also can choose to enable the new "Do Not Disturb While Driving" feature for their teenage drivers by enabling it in the Restrictions (parental controls) menu in Settings

iOS 11

- When the car is in motion, anyone who texts the driver will get an automated response that reads:

  - "I'm driving with Do Not Disturb turned on.   I'll see your message when I get where I'm going."

- A second text also gives them a way to break through and get your attention in the case of an emergency by telling them:

  - "If this is urgent, reply 'urgent' to send a notification through with your original message."
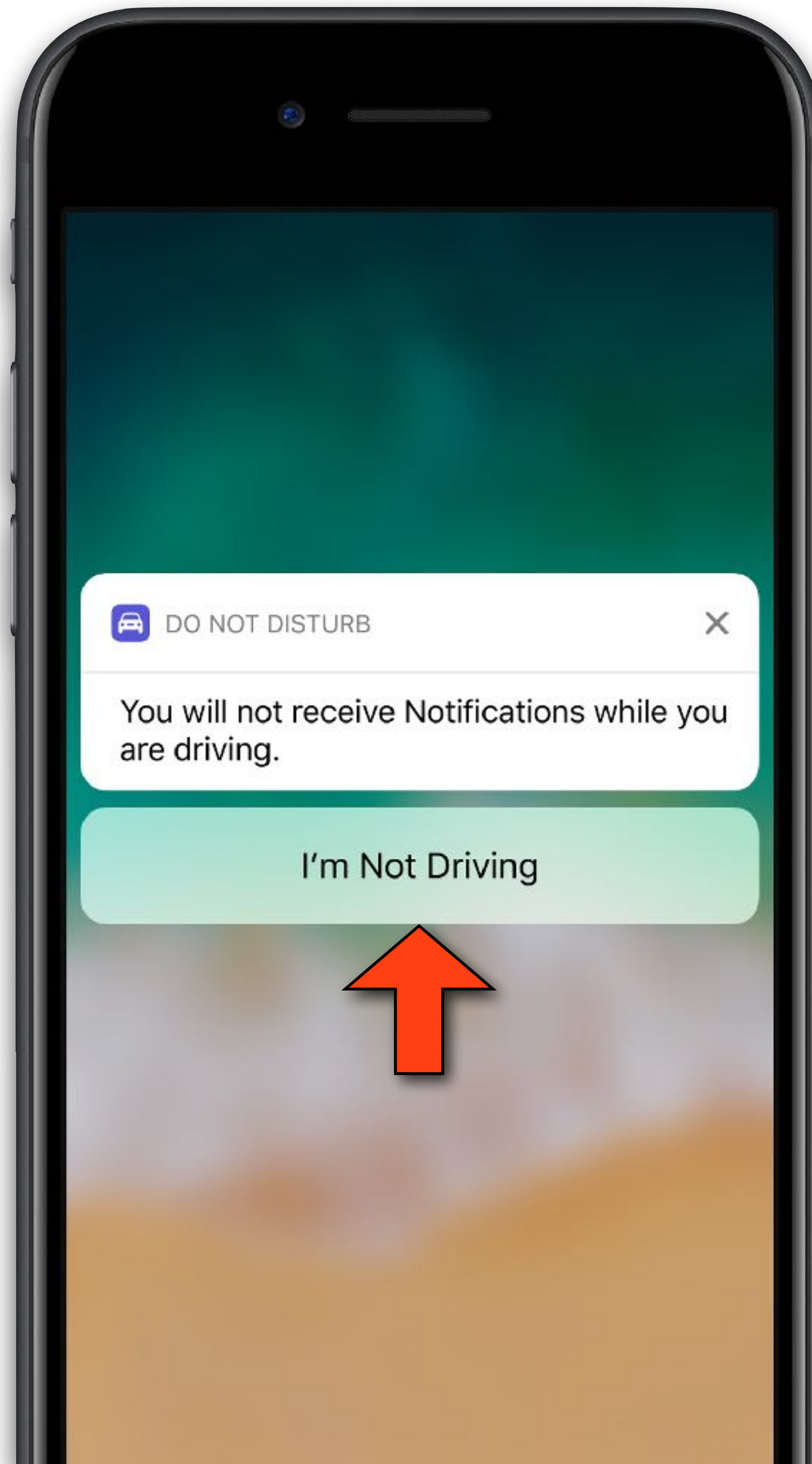
Siri

- Siri is getting a more clear, more human voice in both female and male voices

- Siri will now be able to translate English phrases into a variety of languages including Chinese, French, German, Italian and Spanish

- Siri will also be able to handle follow-up questions so it can answer more complex tiered questions

Apple Pay

- Users will now be able to send and receive money via an iMessage app

- Apple is integrating this peer-to-peer payments service with Apple Pay

- After someone sends you money, the balance lives on an Apple Pay virtual card stored in your Wallet app

- You can either cash this money out to your bank account, or use the virtual card to pay anywhere Apple Pay is accepted

Camera App

- There are several new filters you can utilize

- There is a new compression technology lets you take new photos with the same quality as before at half the file size

- Live Photos become more powerful in iOS 11 with new editing tools and effects

  - Users will be able to trim their Live Photos and select which thumbnail to display

  - They will also be able to apply a variety of effects like loops, bounce and long exposures
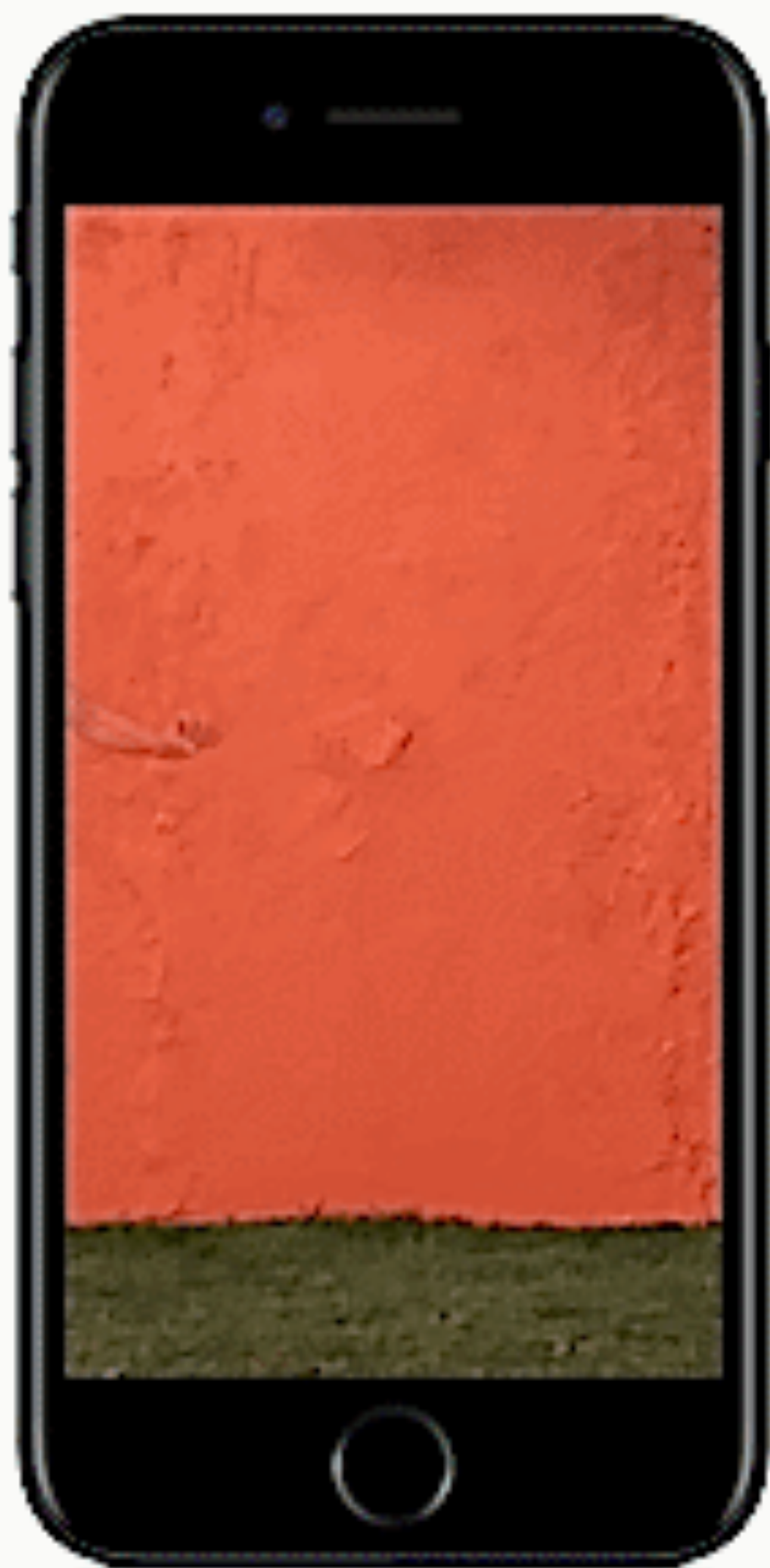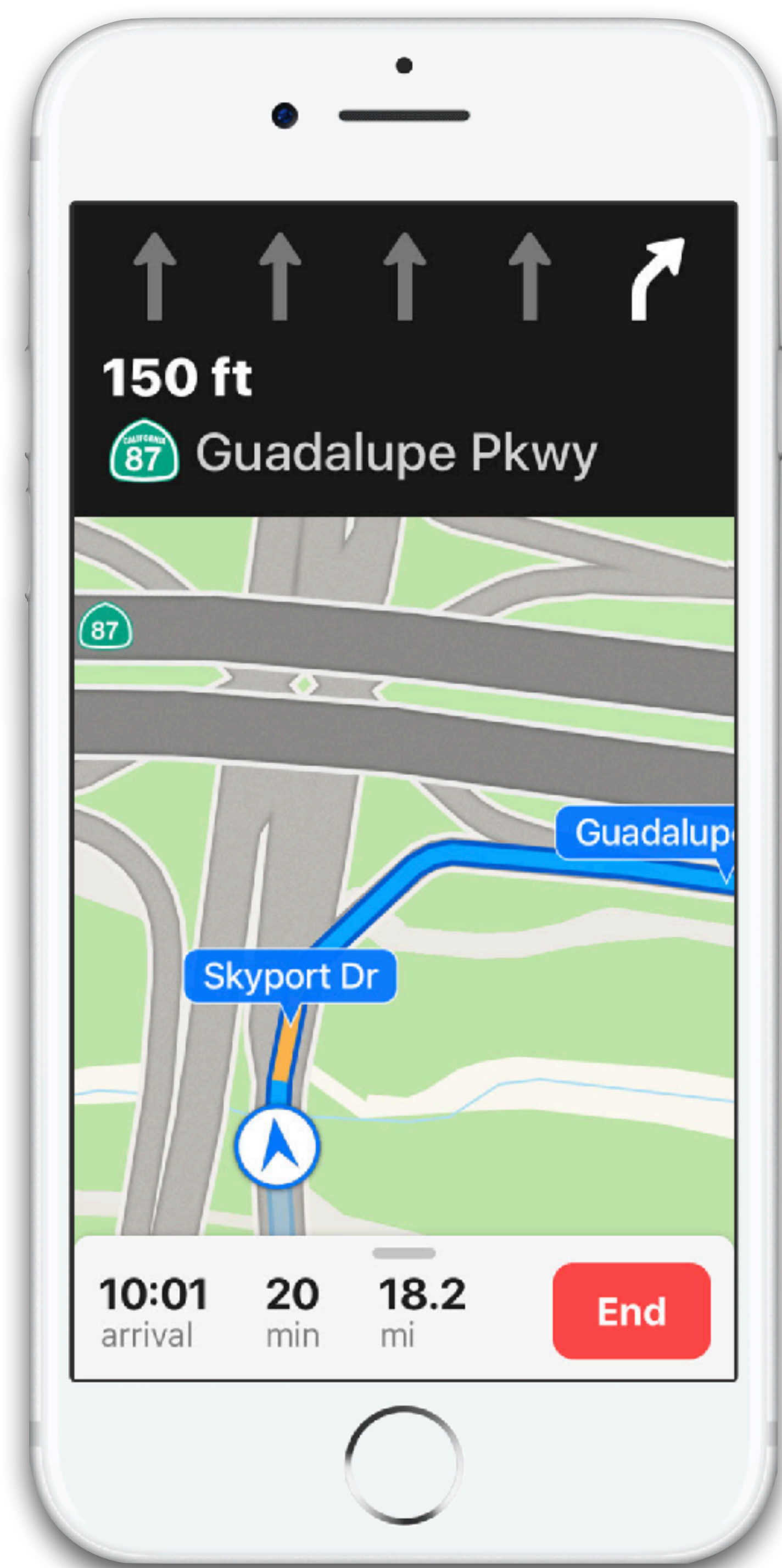
iOS 11

- There's a new version of AirPlay called AirPlay 2 which allows you to control multiple speakers (on/off and volume) from your iOS device - like you can now in iTunes on the Mac

- Maps will add indoor maps of major airports and shopping centers

- Maps will also have lane guidance for navigation
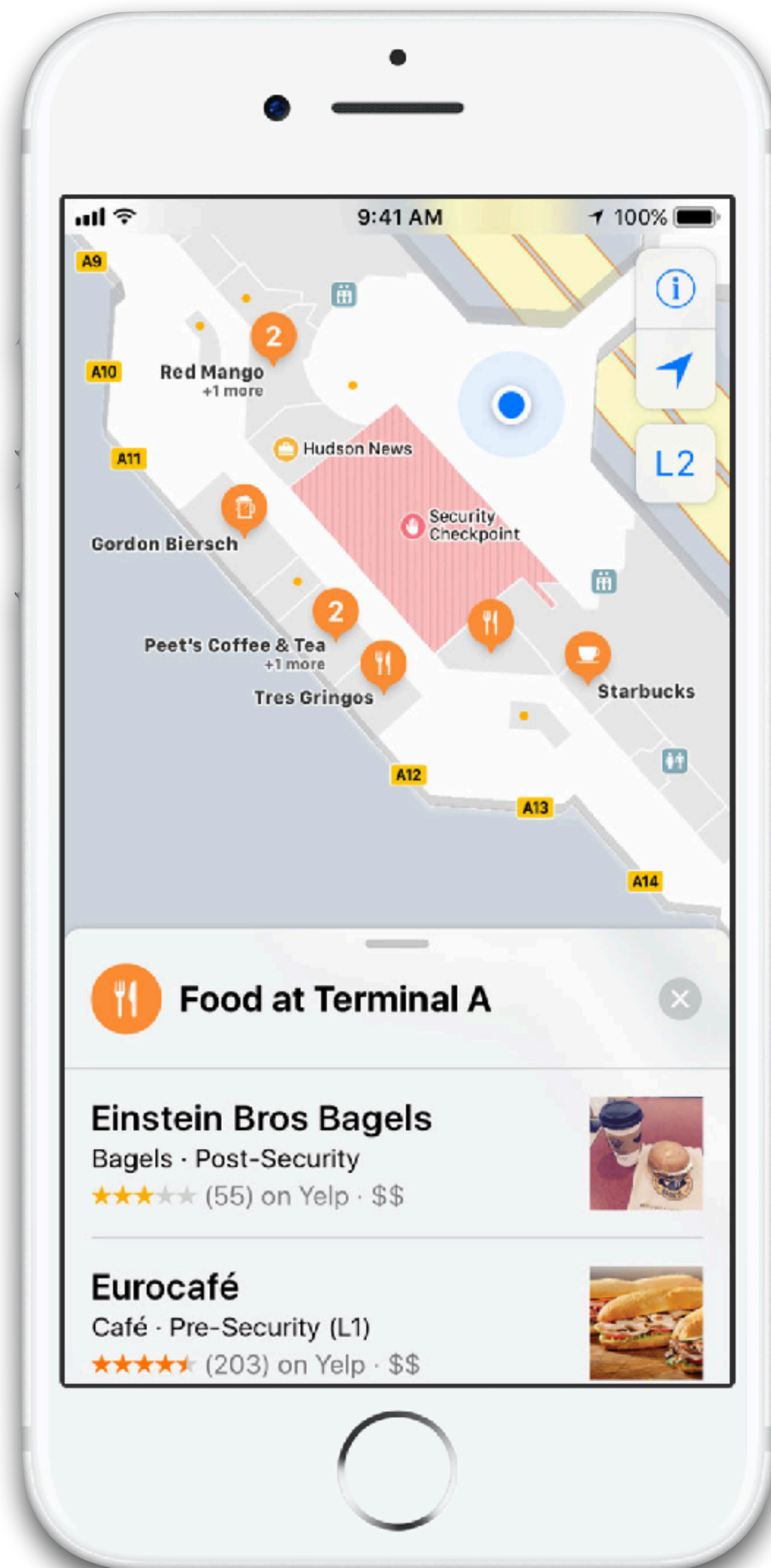
iPad Pro

iPad Pro

- The 9.7" iPad Pro (announced last March) has been replaced with a new 10.5" iPad Pro

- This new iPad has a display that's 20 percent larger in almost the same size frame by reducing the bezels by 40 percent

- It still weighs in at one pound

- The bigger screen also means the onscreen keyboard, as well as the Smart Keyboard accessory, is full-size

- Apple also refreshed the 2015 12.9" model at the same time, giving it all the features of the new 10.5" model

iPad Pro

- Both iPads now feature the True Tone display which adjusts color temperature on the fly depending on lighting conditions

- Other display improvements include the wide P3 color gamut, a low-glare panel and 600-nit brightness

- The iPad Pros use an A10X Fusion chip with a six-core CPU, which has three high-performance cores and three high-efficiency ones

- There's also a 12-core GPU, which gives a 40 percent boost in graphics performance

iPad Pro

- The new iPads have a ProMotion screen, which refreshes at a rate of 120Hz instead of the typical 60Hz. This will make scrolling and animations smoother

- There's a new 12-megapixel camera (and a 7MP FaceTime HD camera) with optical image stabilization and a high-speed sensor

- The camera has a six-element lens, quad-LED True Tone Flash, wide color capture and 4K video capture

- The new iPad Pro models support fast charging and retain the 10-hour battery life

- The price is slightly lower at the same storage options

iPad Comparison

	iPad Mini	iPad 5th Gen	9.7" iPad Pro	10.5" iPad Pro	12.9" iPad Pro
Height (in)	8	9.4	9.4	9.8	12
Width (in)	5.3	6.6	6.6	6.8	8.68
Depth (in)	0.24	0.29	0.24	0.24	0.27
Weight (lb)	0.67	1.03	0.96	1.03	1.53
Storage (GB)	128	32, 128	32, 128, 256	64, 256, 512	64, 256, 512
Price ($)	399	329, 429	599, 749, 899	649, 749, 949	799, 899, 1099
Available	Yes	Yes	No	Yes	Yes

MacRumors Buying Guide

iOS | Macs | iPods / Other

iPhone	iPhone SE	12.9" iPad Pro	10.5" iPad Pro	iPad	iPad Mini
CAUTION	CAUTION	BUY NOW	BUY NOW	BUY NOW	CAUTION

Home Pod

HomePod

- Apple announced the HomePod - their answer to the Echo and Google Home

- They approached this from a different angle than was expected

- Instead of featuring Siri, they highlighted the new device as a high end speaker that just happens to use Siri

- It has 7 tweeters and a base woofer and reportedly sounds extremely good

- The price is $350 compared to the $180 Echo and $50 Echo dot, and will be available in December

HomePod

- It has "spatial awareness", which automatically analyzes the room and adjusts the sound based on the speaker's location

- It also steers the music in the optimal direction, whether HomePod is against the wall, on a shelf, or in the middle of the room

- If you put another HomePod in the same room, the two automatically detect and balance each other

- When you add HomePod to multiple rooms, the speakers communicate with each other through AirPlay 2 — so you can play your music all around the house using iOS or macOS

Apple-designed
A8 chip

High-excursion
woofer

Six-microphone
array

Seamless mesh
fabric

Seven-tweeter array

APPLE HOMEPOD

My take

- So far, there is no indication that it will work with anything but Apple Music.   I'm not even sure it'll work with iTunes Match. We'll know more for sure when it's released

- It doesn't do bluetooth only AirPlay2

- Siri on today's devices, uses the screen for most answers. It's unknown how it will stack up to Alexa or Google Home

- It's expensive. You can add an Echo Dot to any room for $50.   Each additional HomePod is $350

- There's a lot more to learn when it's released, but based on what I know now, I think it's going to be a niche product

My Apple Experiences

New iMac

- I ordered a new iMac on June 7th, 2 days after WWDC

- It was a custom order: 27" 5K model with 2TB fusion drive, 16GB memory, trackpad, and a full keyboard with numeric keypad

- I ordered it online with pickup at the Christiana Apple Store

- Originally scheduled for delivery on 6/21, it actually arrived on 6/16

- To prepare for the migration to the new Mac, I reviewed and deleted obsolete apps so they would not be transferred over to the new machine

UPS

QUICK START ▼   🔍   ☰

I am already a UPS My Choice® Member

▼ SHIPMENT PROGRESS   WHAT'S THIS? ⍰

LOCATION	DATE	LOCAL TIME	ACTIVITY
New Castle, DE, United States	06/16/2017	9:14 A.M.	Out For Delivery
Philadelphia, PA, United States	06/16/2017	6:34 A.M.	Destination Scan
	06/16/2017	6:25 A.M.	Arrival Scan
	06/16/2017	6:00 A.M.	A late flight has caused a delay. We're adjusting plans and working to deliver your package as quickly as possible. / Your shipment is scheduled to arrive today after the delivery commitment time.
Louisville, KY, United States	06/16/2017	4:55 A.M.	Departure Scan
	06/16/2017	3:34 A.M.	Import Scan
	06/16/2017	12:59 A.M.	Arrival Scan
Anchorage, AK, United States	06/15/2017	2:44 P.M.	Departure Scan
	06/15/2017	1:14 P.M.	Arrival Scan
Osaka, Japan	06/15/2017	10:22 P.M.	Departure Scan
Incheon, Korea, Republic of	06/15/2017	8:54 A.M.	Arrival Scan
Shanghai, China	06/15/2017	6:30 A.M.	Departure Scan
Shanghai, China	06/14/2017	2:42 P.M.	Export Scan
Shanghai, China	06/12/2017	10:10 P.M.	Arrival Scan
	06/12/2017	9:10 P.M.	Departure Scan
	06/12/2017	6:16 P.M.	Origin Scan
China	06/12/2017	2:36 A.M. (ET)	Order Processed: Ready for UPS

▼ ADDITIONAL INFORMATION

Product: WORLD EASE

Shipment Category: Package

Shipped/Billed On: 06/12/2017

Weight: 15.20 kgs

Migrating Data

- To migrate data and settings to a new Mac from an old Mac, you can use your Time Machine drive, or connect the two Macs via a thunderbolt, firewire, ethernet cable, or just use WiFi

- I connected the two machines with an ethernet cable and booted the new Mac.   (I had both machines using WiFi)

- When the new Mac boots, a setup assistant starts running and when asked, I said I wanted to transfer data <u>from</u> a Mac

- I then opened the Migration Assistant app on the old Mac and said I wanted to transfer data <u>to</u> a Mac

Transfer Information to this Mac

Select a Mac, Time Machine backup, or other startup disk to transfer its information to this Mac.

Mary's MacBook Pro   Macintosh HD

Looking for other sources...

Make sure that the other Mac, Time Capsule, or disk that you are transferring from is connected to the same network or directly connected to this Mac.

When transferring from another Mac, open the Migration Assistant app in the Utilities folder on that Mac and select "To another Mac".
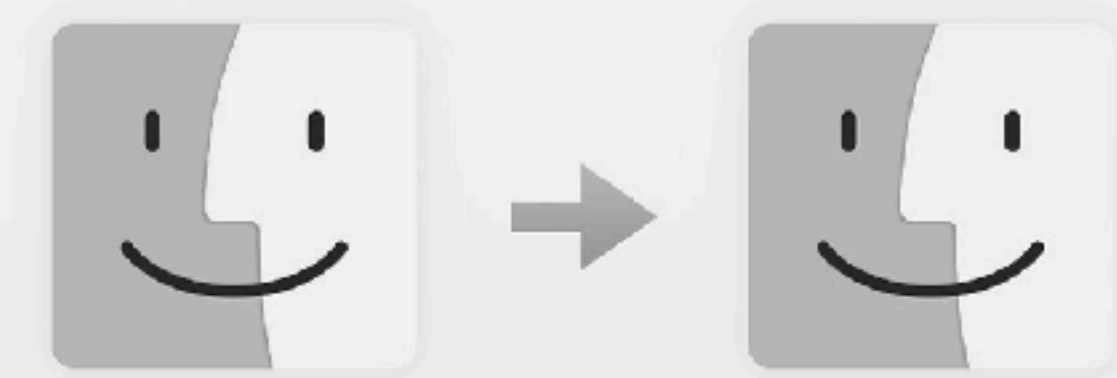
Other Server...   Back   Continue

Migration Assistant

If you have information on another Mac or Windows PC you can transfer it to this Mac. You can also transfer information from a Time Machine backup or other startup disk.

How do you want to transfer your information?

◉ From a Mac, Time Machine backup, or startup disk
○ From a Windows PC
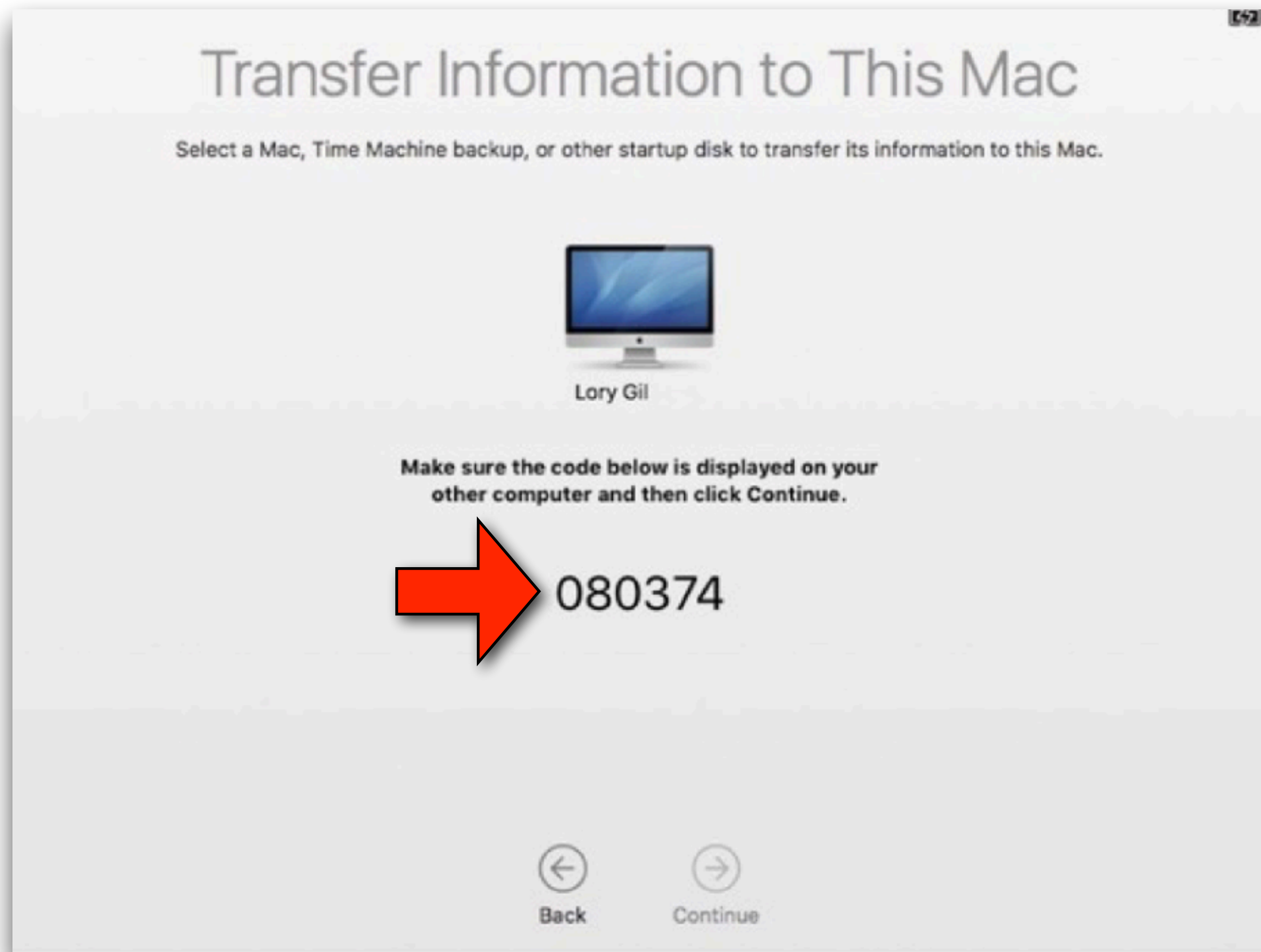○ To another Mac

Quit   Continue
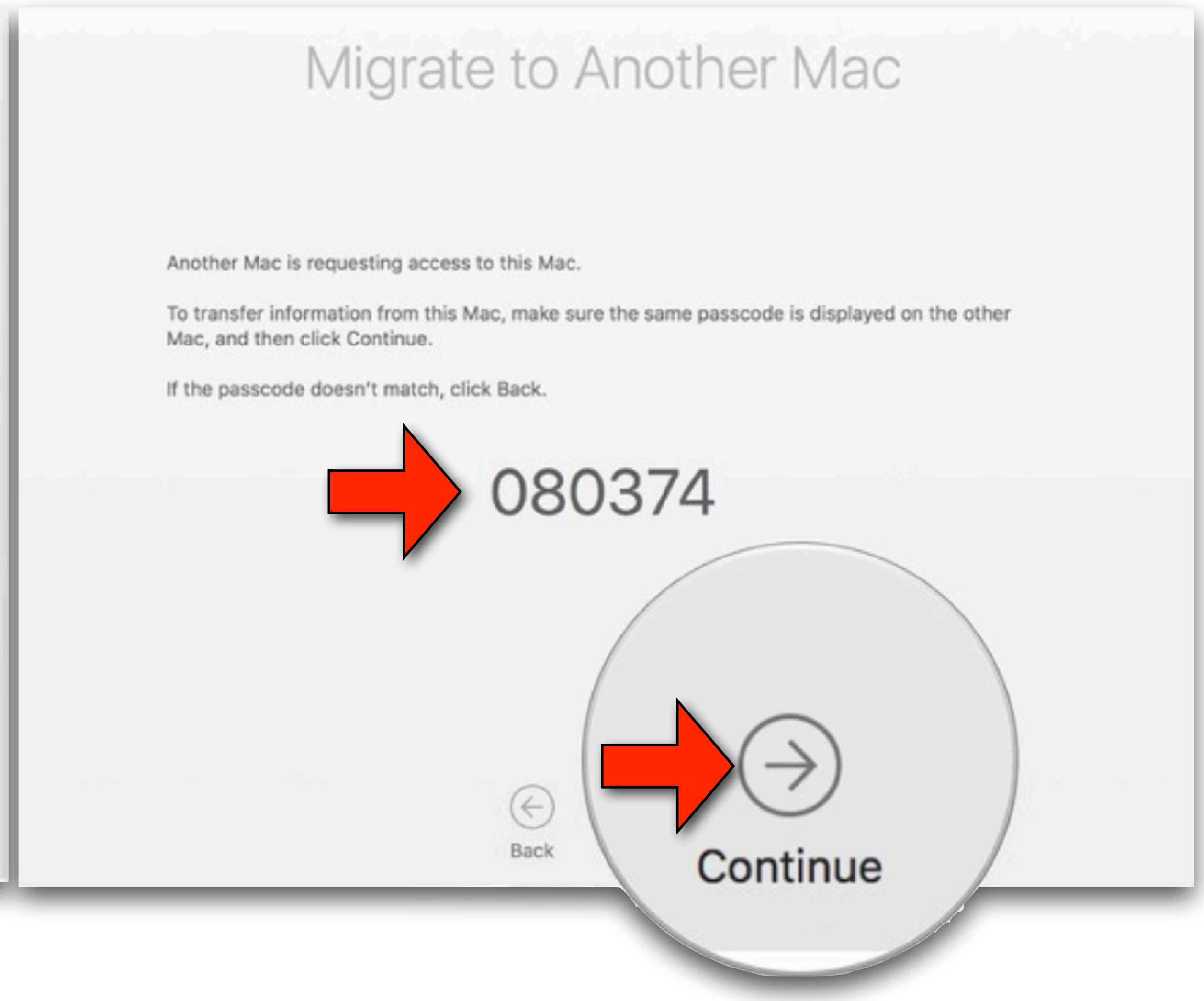
79

Migration Assistant

- Then a code appears on both Macs to make sure you have selected the right machines. Just verify the numbers are the same.

- Hit continue and then select what you want to have transferred

- In my case, I wanted everything transferred

- Hit continue and be prepared for a long wait. I went to bed and let it finish overnight
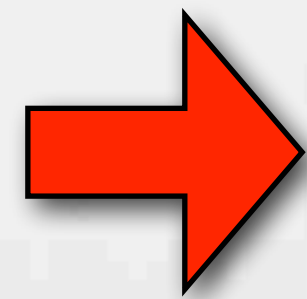
New Machine

Old Machine

Transfer Information to This Mac

Select a Mac, Time Machine backup, or other startup disk to transfer its information to this Mac.

Lory Gil

**Make sure the code below is displayed on your
other computer and then click Continue.**

080374

Back   Continue

Migrate to Another Mac

Another Mac is requesting access to this Mac.

To transfer information from this Mac, make sure the same passcode is displayed on the other Mac, and then click Continue.

If the passcode doesn't match, click Back.

080374

Back

Continue

Select the Information to Transfer

Choose which information you'd like to transfer to this Mac.

☑ 📁 **Applications**		89.04 GB
▸ ☑ 🌍 **John Appleseed**		49.12 GB
☑ 📄 **Other files and folders**		12.88 GB
▸ ☑ ⚙️ **Computer & Network Settings**		44.2 MB

205.05 GB selected, about 2.75 GB available after transferring.
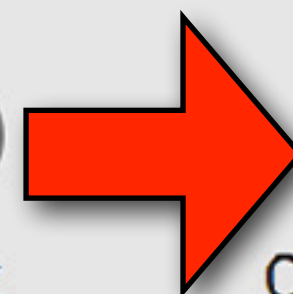
← Back   → Continue

Transferring Your Information

Information from "Mary's MacBook Pro" is being transferred to this Mac.

Mary's MacBook Pro   This Mac

Transferring documents for the user Tom Nelson...

Connect an Ethernet cable to transfer data faster.

New iMac

- I started the transfer process at 7pm and it appears to have finished approximately 2am (7 hours - 410 GB)

- I had to upgrade iTunes before I could move the iTunes library this was done by the migration assistant - very easy

- Immediately after the transfer, I had 8 Apple products that needed to be upgraded

- After the transfer, I opened up most apps to see if there were any problems

New iMac

- Two of my Mail accounts would not work until I went into system preferences and entered passwords in internet accounts

- For any apps that were downloaded from the app store, I had to enter my Apple ID password when they opened for the first time

- I noticed that any app with a "open recent" option, all the recent files were cleared out

- I also had to reenter passwords on a number of web pages and verify the new device with several web sites

Keyboard/Trackpad

- The keyboard and keypad, both bluetooth devices, paired automatically when I booted the iMac for the first time

- BTW, the "keyboard with full numeric keypad" is a brand new option that was announced at WWDS

- The keyboard is essentially identical to my older USB keyboard, but it does lie flatter

- The older keyboard set at a slight angle, and it took a little adjustment to get used to the new one

New Keyboard
with Numeric Keypad

Rechargeable battery
Recharged via Lightening cable

New iMac

- The Magic Trackpad 2 has a force touch feature which is enabled with a deep press on the trackpad

- This is taking more time to adjust to it. When I try to drop and drag, I tend to enable force touch by mistake

- I thought about disabling force touch but I'm going to see if I can adjust to it for a while

- I hooked up a external Superdrive (CD/DVD burner). No issues, just worked

- Overall, the transfer was relatively painless, just be prepared for it to take a long time

Setting up Time Machine

- Since I'm keeping the old iMac, I needed a new disk to run Time Machine

- I bought a new 4TB disk formatted for Windows

- You do not need to buy a disk formatted for Mac, but if you get a Windows formatted disk, you'll need to reformat it

- To do this, open Disk Utility and select your new disk and click on Erase (Make sure you pick the right disk)

- Then give the disk a name and select OS X Extended (Journaled) and select Erase again - Very easy and very quick

Disk Utility

First Aid Partition **Erase** Restore Mount Info

Internal
- Fusion Drive
  - Macintosh HD

External
- WD My Book 25E...
  - --

WD My Book 25EE Media
4 TB USB External Physical Disk

--
4 TB

| Location:	External	Capacity:	4 TB
Connection:	USB	Child count:	1
Partition Map:	GUID Partition Map	Type:	Disk
S.M.A.R.T. status:	Not Supported	Device:	disk4
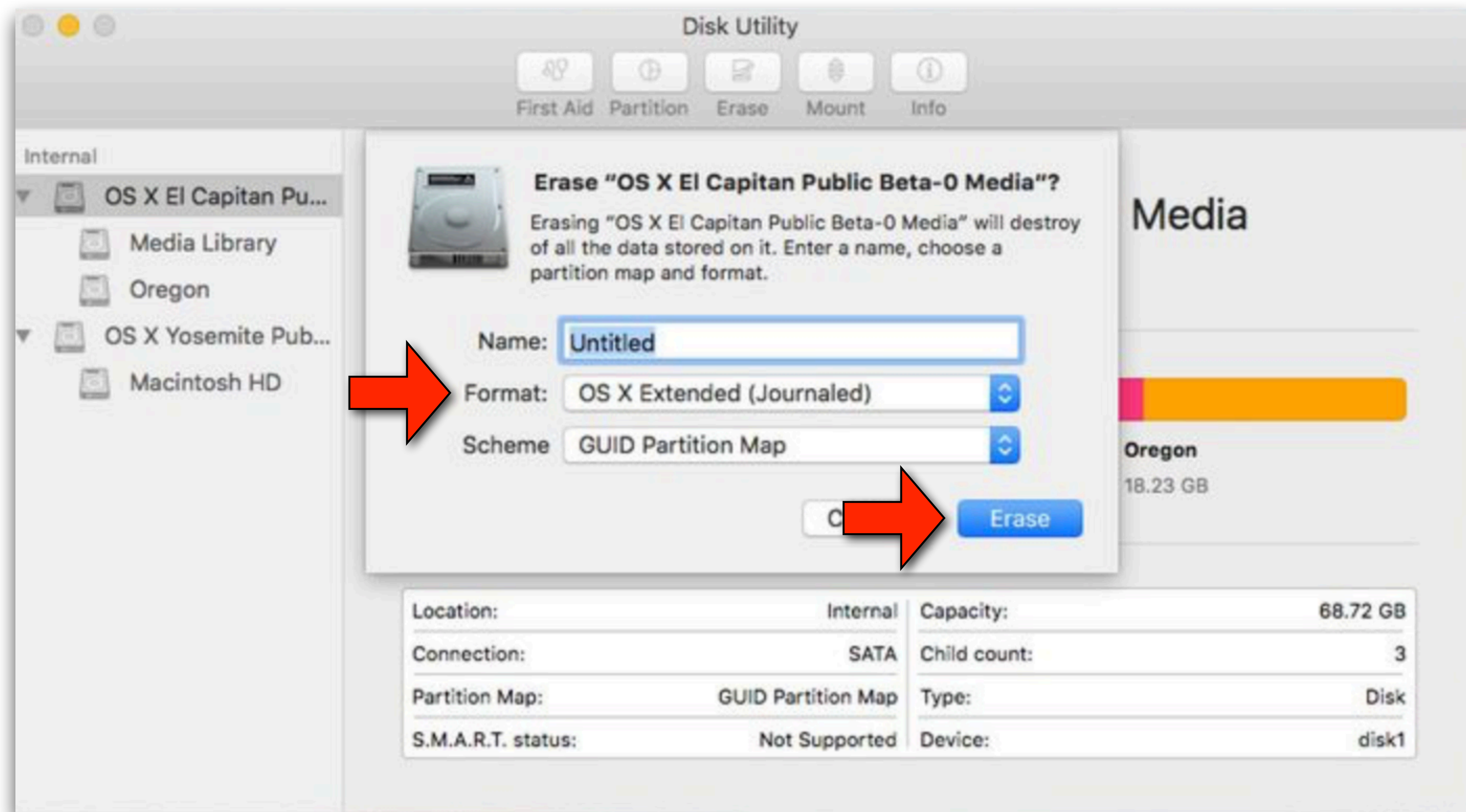
Setting up Time Machine

- Once reformatted, go to system preferences and select Time Machine

- Then hit "Select Disk"

- Since I copied all the files from my other Mac, it asked me if I wanted to keep using the previous drive and add a second drive or replace the previous drive with the new drive

- In my case I wanted to replace the previous drive

- That's all there is to it. Time Machine will start immediately start running in the background.
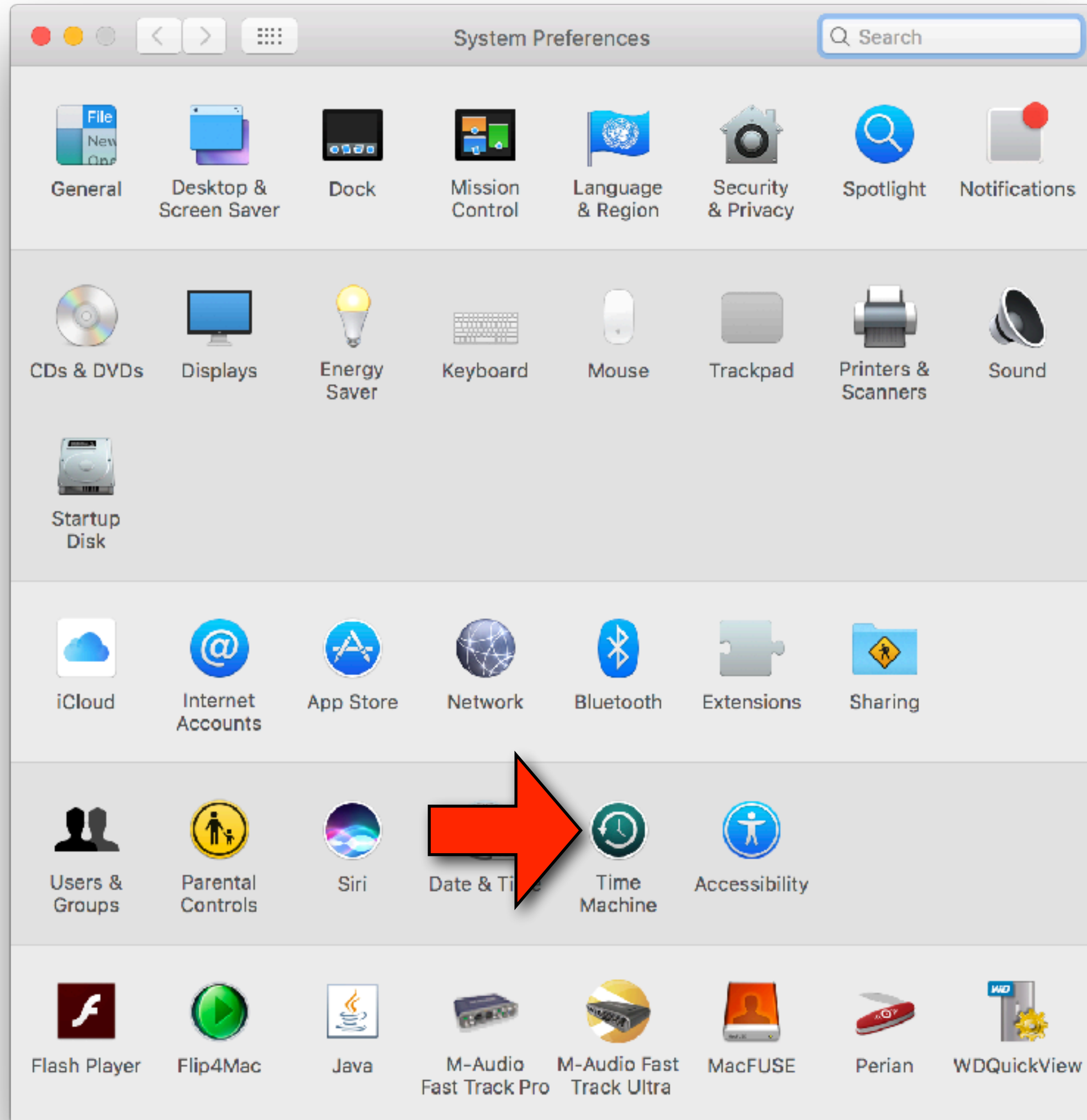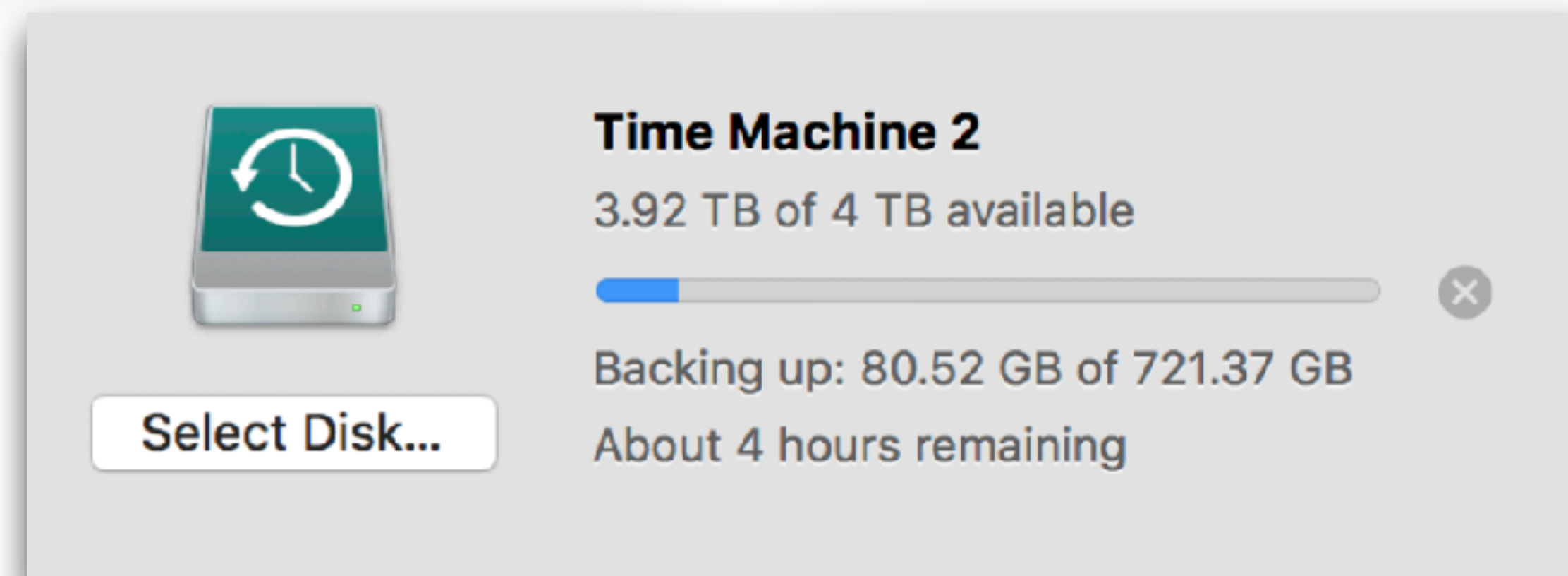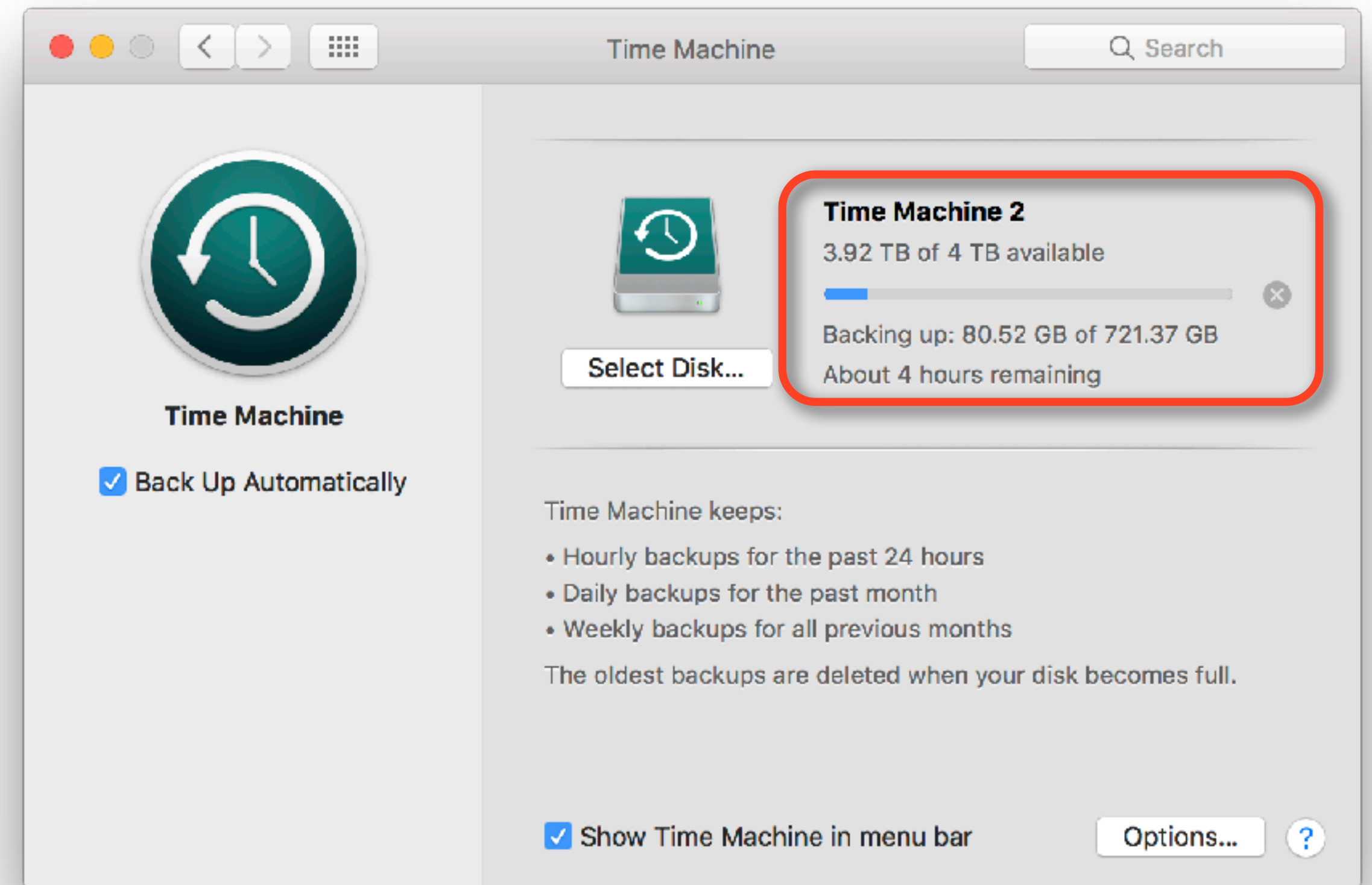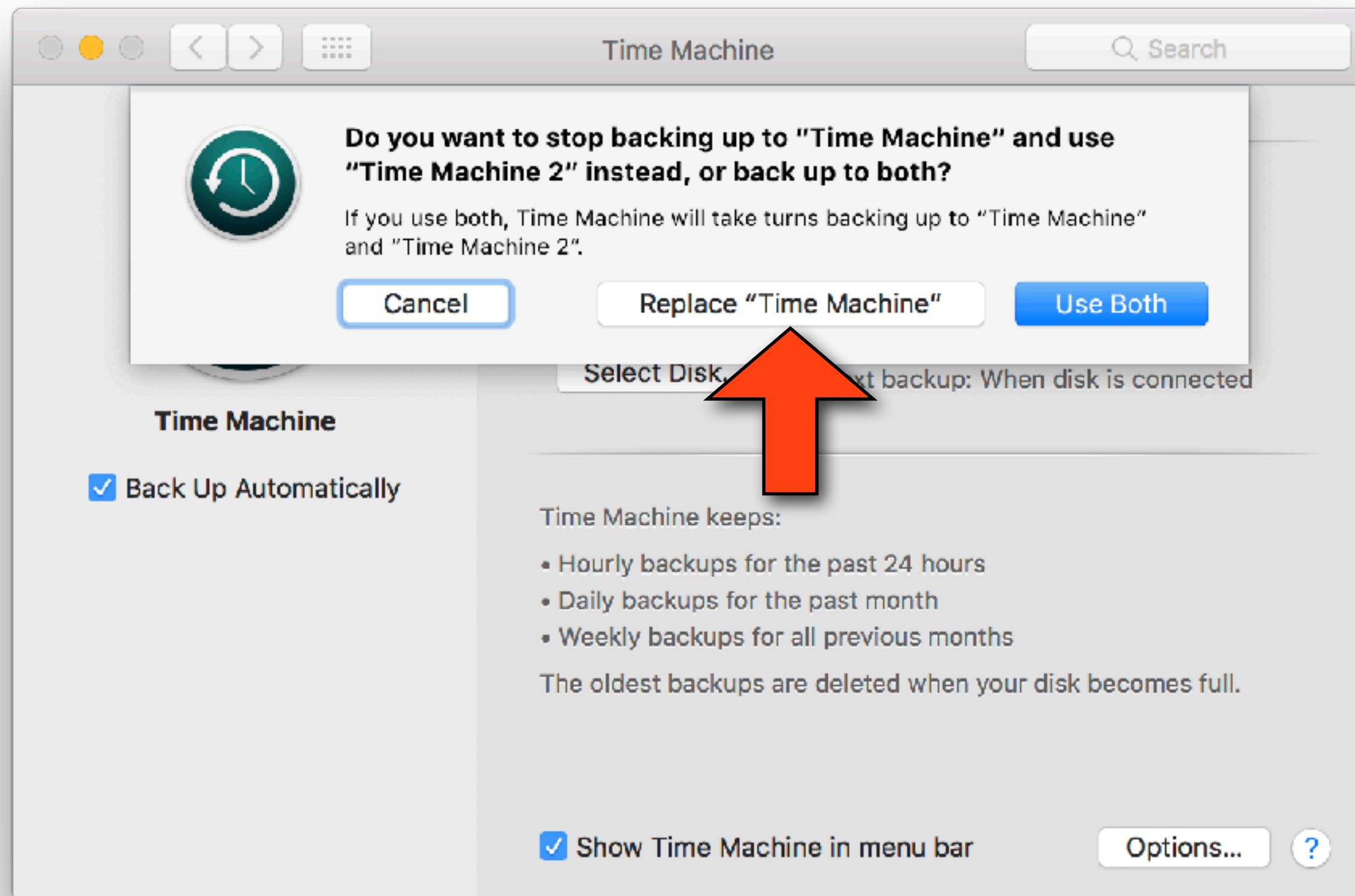
Questions

Thank You!

"That's all folks!"

*Presentation produced on an iMAC using Apple's Keynote software and presented on an iPad