

2021



Apple for Enterprise

September 21st, v2.2

Table of contents

1	Preface	4
2	Change log	5
3	Before you start	6
4	Privacy.....	8
4.1	Mail Privacy Protection	8
4.2	Safari Privacy Protection.....	10
4.3	App Privacy Report	10
4.4	Siri.....	10
4.5	Apple ID and iCloud+	10
5	iOS 15.....	17
5.1	Hardware support	17
5.2	Staying connected with FaceTime	18
5.2.1	Audio	18
5.2.2	Video	18
5.2.3	FaceTime links	18
5.3	Managing notifications with Focus.....	19
5.4	Messages	19
5.5	Live Text	19
5.6	Apple Maps.....	20
5.7	Wallet	20
	The wallet app is taking big steps towards replacing your actual wallet.	20
5.8	Privacy	21
5.9	Security	21
5.9.1	Built-in authenticator.....	21
5.9.2	Software updates.....	23
5.10	Temporary iCloud storage.....	23
5.10.1	Backup your current iPhone	26
5.10.2	Restore on your new iPhone	29
5.10.3	Erase your old iPhone	30
6	iPadOS 15.....	31
6.1	Hardware support	31
6.2	Widgets.....	32
6.3	App Library	32

6.4	Added features	32
6.5	Multitasking.....	32
6.6	Security	33
7	macOS 12 Monterey	34
7.1	FaceTime	34
7.2	Focus.....	34
7.3	Universal Control.....	34
7.4	Airplay to Mac	35
7.5	Live Text and Visual Lookup	35
7.6	Scripting	35
7.7	Safari	35
7.8	Hardware support	36
8	watchOS 8.....	37
8.1	Watch Faces	37
8.2	New Health features	38
8.3	Other new features	38
9	Mobile Device Management.....	39
9.1	Declarative Device Management.....	39
9.2	New Account-driven User Enrollment	39
9.3	Apple Configurator coming to iPhone with iOS 15	40
9.4	Better manage software updates.....	40
9.5	Managed Pasteboard.....	40
9.6	And more.....	41
10	Contact Mobco.....	42

1 Preface



June 7th, 2021, time for Apple's 32nd Worldwide Developers Conference, the start of a full week program packed with technical sessions on new features, API's, programming and device management. As the tradition dictates, the conference kicked off with a two-hour keynote showing a slew of new software updates for the company's major Operating Systems and apps.

With the online event, Apple allows millions of creative and innovative developers to get access to future versions of iOS, iPadOS, macOS, watchOS and tvOS.

No surprise in the version numbering of the popular OS, we now focus on iOS 15 for your Apple iPhone, consequently iPadOS 15 for your iPad, loaded with new features such as Spatial Audio. watchOS turns to version 8 and macOS brings Monterey.

Cross platform features are taken this year to a next level and go even beyond the traditional Apple eco system, because they must: FaceTime is now capable of 'talking' to Android and Windows computers. On top, the communication app now includes most features we currently see in Zoom and Microsoft Teams!

In this paper we focus on the newly presented features that have an impact on your business and professional life.

This document is based on the public information from the Apple web site and publicly available third-party sources.

Developer beta-versions have been released so developers can go ahead and get creative.

Public beta will be available as of July.
The official launch is planned for this fall.

In this document you will discover small enhancements and major new features that will probably impact also your daily professional life!

Enjoy the reading!

2 Change log

- 07/06/2021: version 1.0, first release
- 31/08/2021: version 2.1
- 21/09/2021: version 2.2

For your convenience, we have marked the updated sections in "dark mode".

3 Before you start

Curious about all current enterprise features packed in the current Apple OS? Check out our mobco Academy website for upcoming Apple masterclasses and download the latest Apple Whitepaper.

For Masterclass scheduled, please visit <https://mob.co/academy>

Concerning OS Beta and public Beta programs, you should be aware that: Your employees have the possibility to take part in this program unless you tell them not to.

There's no security risk – the MDM protocol is NOT changing. However, your management system will not recognize the exact mobile OS version and could take unexpected measures such as quarantining the mobile device.

Certain apps might not be working correctly or fail to work on BETA OS versions.

Our recommendation is to advise your employees to install the BETA only on private or test devices that are NOT managed by your MDM or EMM system.

Remember a roll-back to a previous OS version is not supported.

In this paper we will only focus on those new features that deliver a true enterprise value or facilitate data security/privacy. This document does not summarize all new OS features; please refer to www.apple.com for more details on the complete listing.

Written by Björn Kemps, Guy Kelecom, Margot Vanlaet, Gertjan Timmermans and Ulrik Van Schepdael based on the WWDC Keynote speech, publicly available information and common sense.

Check <https://developer.apple.com/enterprise/> for the latest updates. No information available through this program is part of this whitepaper.

If you have a developer account, check the enterprise resources for detailed protocol and profile reference details.

AppleSeed for IT

Apple has developed a program for enterprise customers who want to test all pre-release changes to Apple software, pre-installed apps and deployment-related apps for their organization. This includes iOS, iPadOS, macOS, tvOS, watchOS, pre-installed apps such as Mail and Calendar, and Profile Manager.

With this program, IT professionals are able to evaluate the latest prerelease software versions in their unique work environments and offer feedback directly to Apple engineering teams.

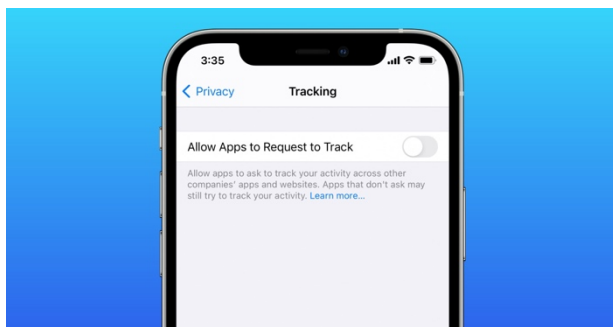
When you give Apple feedback, you ensure that the new software works in your organization. You also give your users confidence that the technology will support them as soon as it's released.

Customers with Apple Business Manager are eligible to participate in AppleSeed for IT. Each participant must have a Managed Apple ID provided by their organization and an email associated with their Managed Apple ID. Managed Apple IDs with the role of staff can't participate.

4 Privacy

Apple has been in the news a lot in the past few weeks related to privacy reasons. It is hard stance on privacy ruffled the feathers of the like of Facebook and was briefly put into question with the launch of AirTags. Last night, Apple addressed this topic directly.

For Apple, the user privacy is key and with every new release this aspect is gaining importance. Also, this year new features should further extend the trust in the devices, apps, and services.



The App Tracking Transparency policy that was controversial for advertisers and advertising platforms was just the tip of the iceberg.

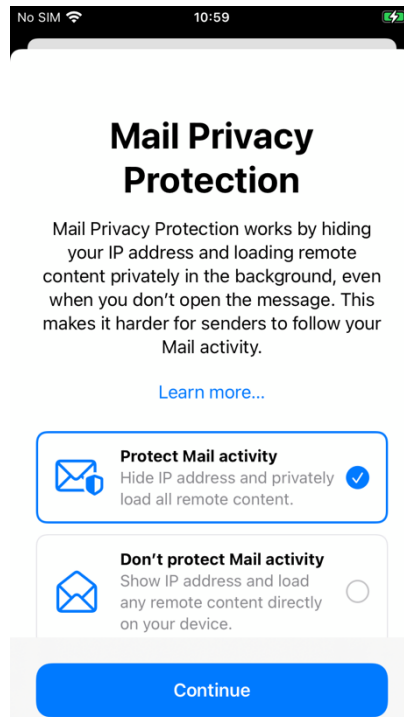
More important for the business and security sensitive organizations are the following additions to the different OS release presented in 2021.

4.1 Mail Privacy Protection

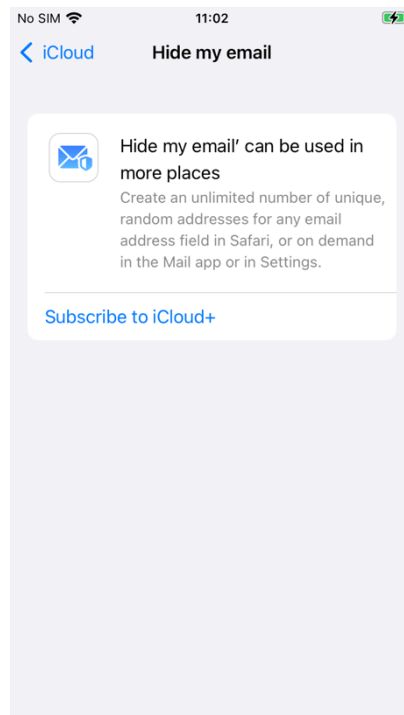
The “invisible pixels in your mail”, as they were called, are tracking our behaviour. By extending privacy protection to Mail, users will now be better protected by hiding their IP address, their location and by hiding if you open mails.

Updated info

To further protect your privacy on the internet, here's Mail Privacy Protection. With a very easy click to Protect Mail activity, you can hide your IP address and load remote content privately. Click and Continue, just that easy.



In addition, the already introduced "Hide my email" remains available if you have an iCloud account.



4.2 Safari Privacy Protection

The same privacy technique is now further integrated within Safari. Again, hiding the IP and location and in addition to that we will be able to get Safari Privacy reports so we can see with which third-party domains our information is shared.

4.3 App Privacy Report

By extending it to yet another level, we will gain insights on which app is sharing data with 3rd party domains.

The 3 previous points make it clear that Apple means business when it comes to protecting the privacy of the end-users.

4.4 Siri

Being used regularly on 600 million devices, and soon having more voices, Siri commands are being processed on the device. Not only does this improve privacy, but as showed during the keynote, the performance is fantastic.

Ensuring data is processed on the device will better protect the privacy of the end-users.

4.5 Apple ID and iCloud+

With Account Recovery, users can compose a list of people they trust. When in need of access recovery to your Apple ID, you can select someone from this list, and he/she will receive the well-known 6-digit 2 factor authentication code.

With Digital Legacy, users can compose a list of people they trust. In case of decease, these people can get access to your iCloud account, which contains often very personal and emotional data such as a photo collection.

iCloud+

of you.

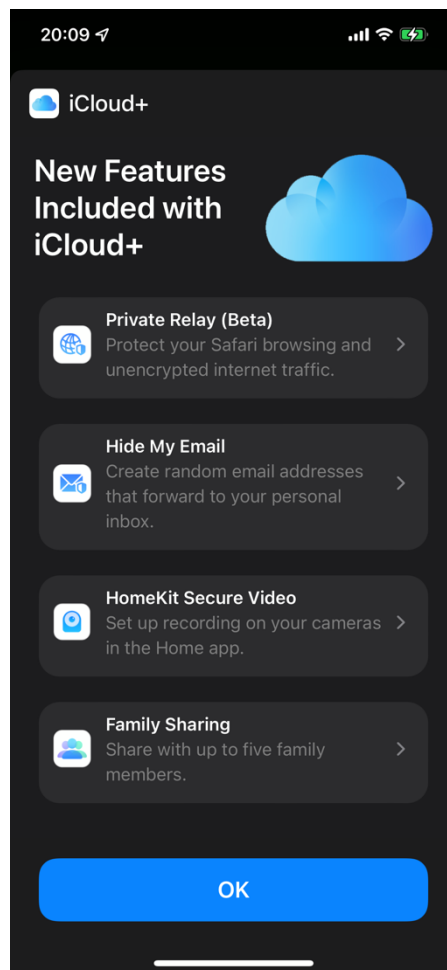
With iCloud+ yet another level of privacy protection is added. The service iCloud Private Relay makes sure that Safari traffic leaving your device is encrypted, and that traffic is sent using 2 different relays, so that no one can use personal information to create a detailed profile

Updated info

iCloud Private Relay can be prevented on supervised devices.

Hide My Email will create random addresses that forward to your inbox so that you will never have to share your real address.

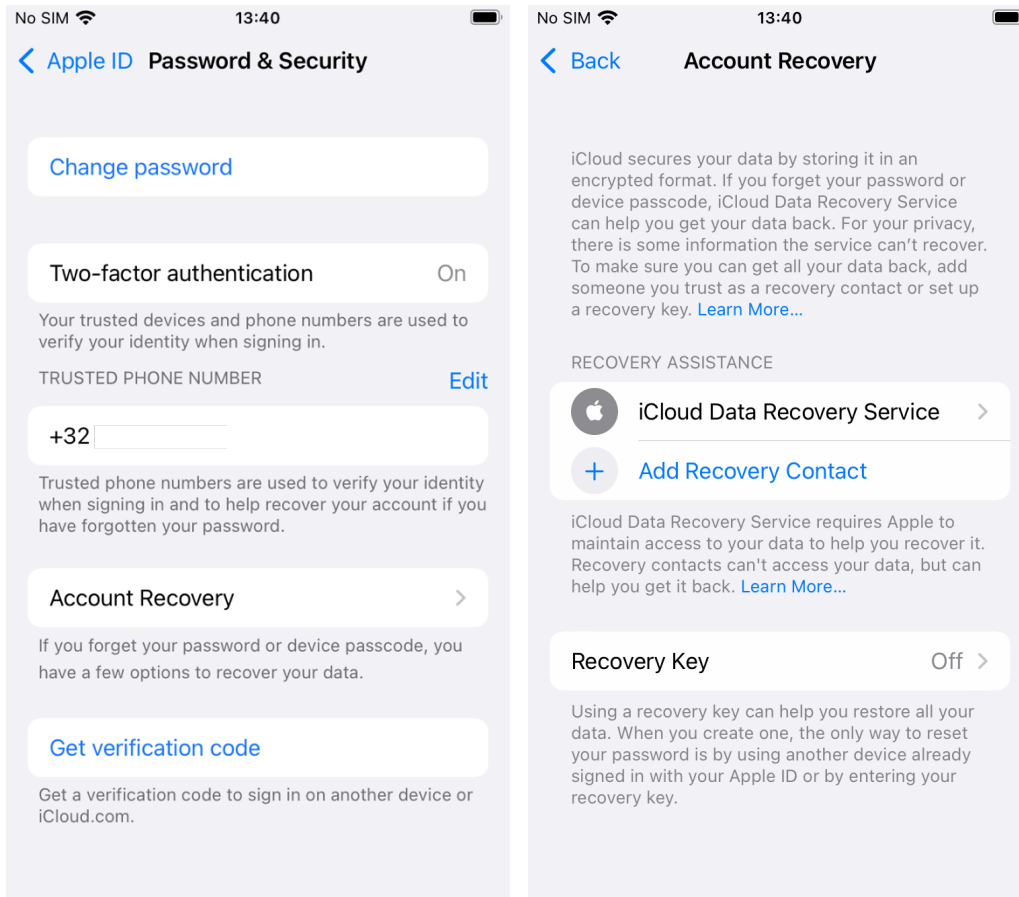
HomeKit Secure Video allows you to have an unlimited amount of security cameras in your Home app. Recordings are stored in an end-to-end encrypted format, so your recordings are safe. The recordings do not count against your iCloud subscription.



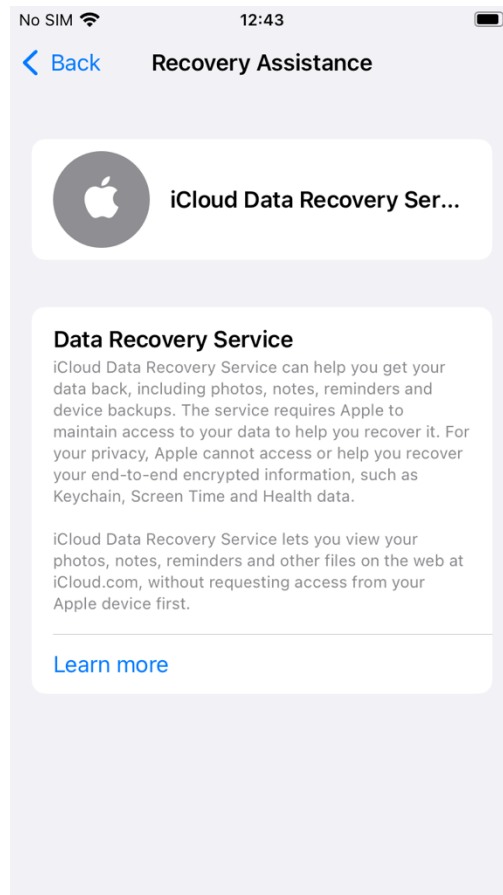
Anonymizing data such as an email address and encrypting traffic will increase the privacy of the end-users.

Updated info: Account Recovery

Forgetting the Apple ID password or a device passcode is far more common than you might expect. Apple offers a new set of tools to help you to recover your data with Account Recovery. Two options are available. You can designate one or more Recovery Contacts from your Contacts list and you can create a Recovery Key.



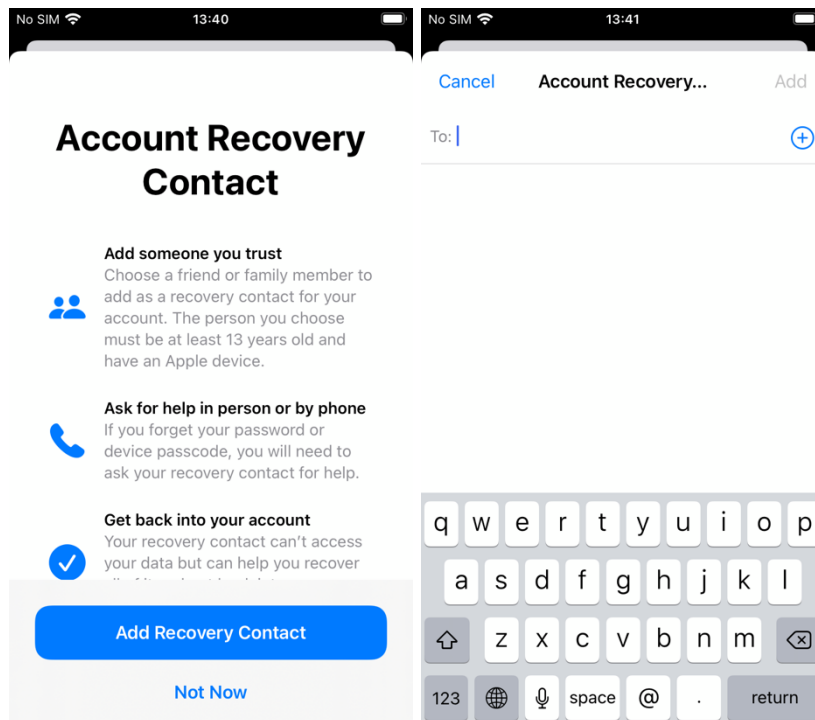
There's a lot of explanations to read here because this has to do with our privacy. First, let's go through the upper part. At this point, we are made clear that some data will not be recovered. If you want to learn more, do not click on the blue link "Learn more..." but click on the first button "iCloud Data Recovery Service".



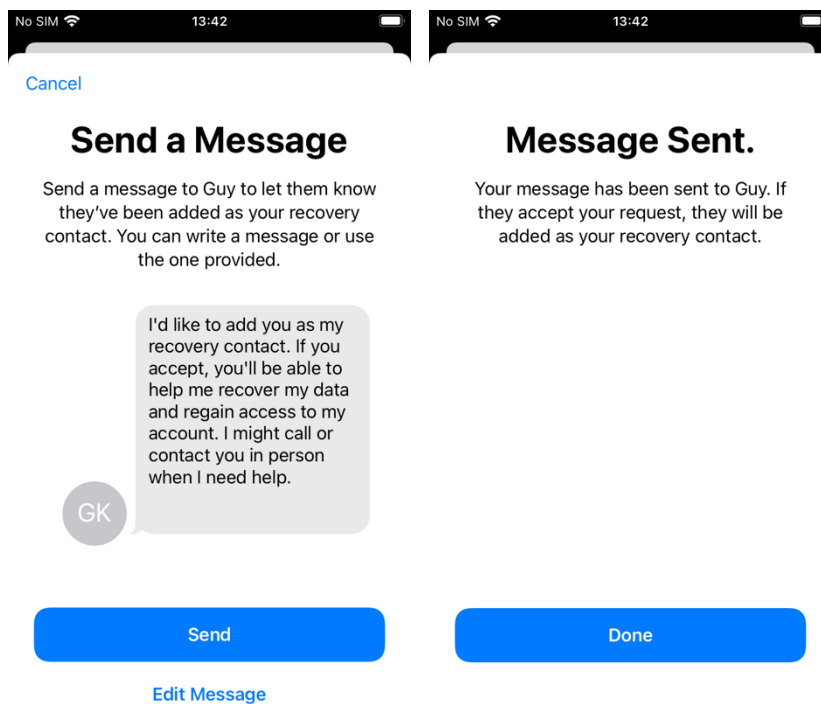
Here we get a brief description of what's being recovered and what's not.

Returning to the previous screen, we understand now that we need a Recovery Contact or a Recovery Key to recover end-to-end encrypted data. Clicking on the first "Learn more..." link will tell us more about which type of data is end-to-end encrypted.

Let's add an Account Recovery Contact. The explanation just below tells you that your Recovery Contacts cannot access your data, but they can help you get it back. So, let's click on "+ Add Recovery Contact".

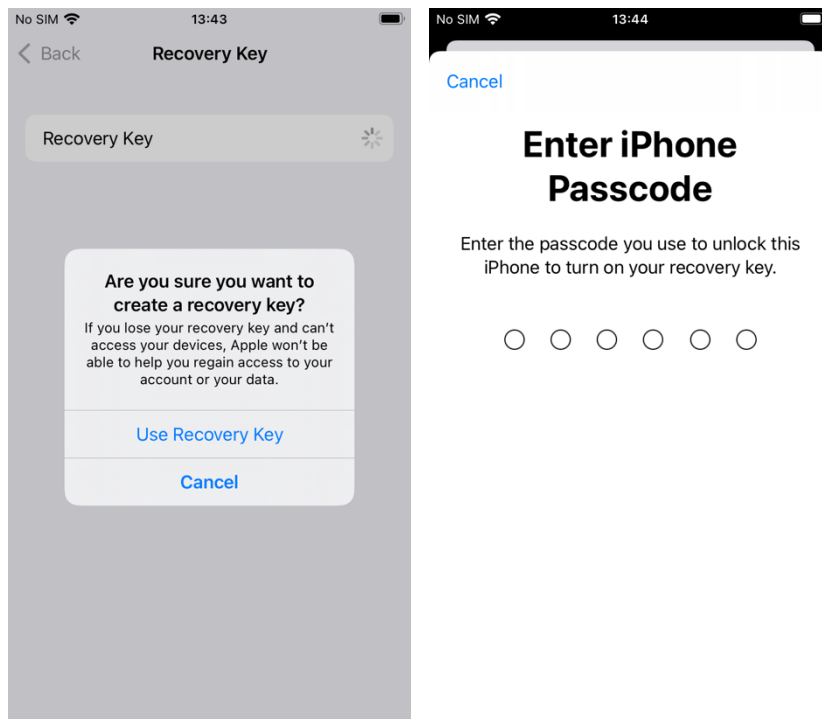


They are a few requirements to be a Recovery Contact. The contact must be 13 years or older and must have an Apple device. The contact is someone present in your Contacts list, when starting to type, your Address Book will be browsed for the correct contact. Select the appropriate contact and click Add to invite them to become a Recovery Contact by sending a message.

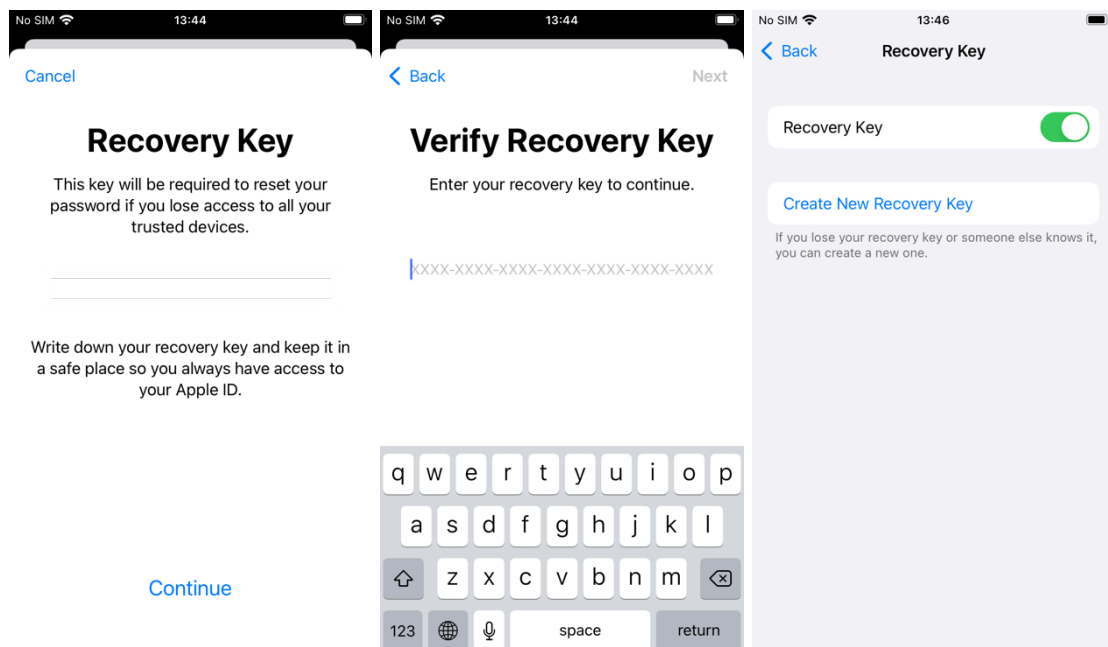


NOTE 2021-08-26: At the time of writing in beta 7, the Account Recovery part on the receiving end was not active yet. Further testing will be needed.

We can also rely on a Recovery Key, let's click on the button to activate it.



Because Recovery Key tend to get lost quite often – “I'm pretty sure I noted it down in this booklet” – we get a message, and we need to confirm with our passcode.



A Recovery Key is displayed, we need to repeat that on the next screen.

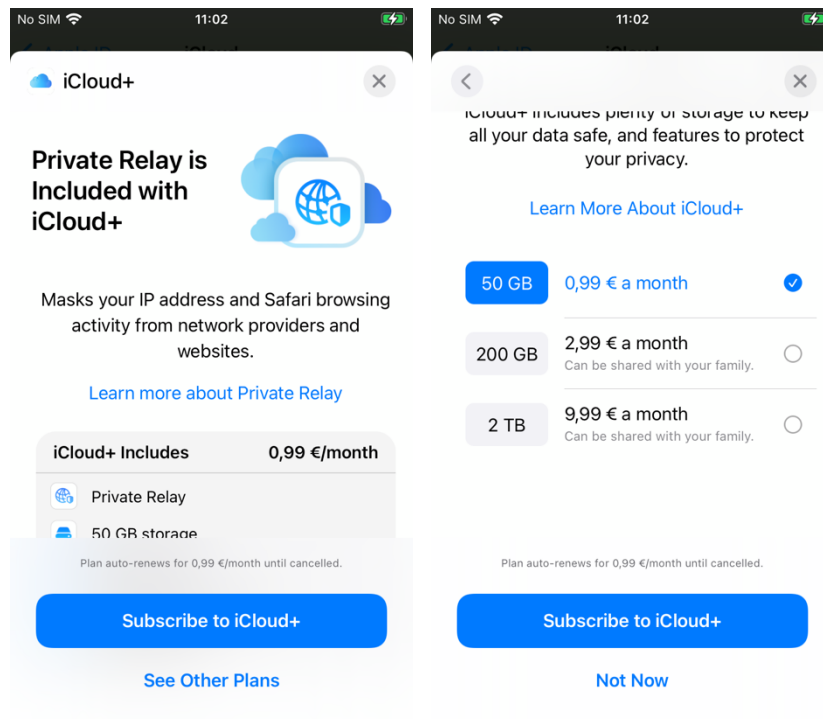
NOTE 2021-08-26: At the time of writing in beta 7, the Recovery Key was not active yet. Further testing will be needed.

Updated info: Private Relay

NOTE 2021-08-26: With the release of iOS 15 beta 7, Apple decided to flag this feature as beta to gather additional feedback and improve website compatibility.

NOTE 2021-09-21: With the public release of iOS 15, we found Recovery Key to be stuck on the Apple ID password screen on our test devices.

Introduced as a feature of the upcoming iCloud+ service, Private Relay will mask your IP address and Safari browsing over 2 different networks to shield you off from network providers and websites. One small remark: only available for a paid iCloud+ subscription.



5 iOS 15

After releasing iOS 14 on September 16, 2020, Apple unveiled more details about the upcoming iOS 15. With the previous year in mind, Apple put a lot of effort in improving video calls.



5.1 Hardware support

iOS 15 will be compatible with all iPhone models currently being supported by iOS 14. When Apple states it will support your hardware for a long time, it means business and makes sure the investment done in hardware remains valuable.

An important saving for many companies in the current economic climate.



Supported devices

iPhone 12	iPhone X
iPhone 12 mini	iPhone 8
iPhone 12 Pro	iPhone 8 Plus
iPhone 12 Pro Max	iPhone 7
iPhone 11	iPhone 7 Plus
iPhone 11 Pro	iPhone 6s
iPhone 11 Pro Max	iPhone 6s Plus
iPhone XS	iPhone SE (1st gen)
iPhone XS Max	iPhone SE (2nd gen)
iPhone XR	iPod Touch (7th gen)

As stated in the beginning of this document, we would like to point out the potential risks in management (and support) of the mobile fleet when employees would sign up for the new public beta starting in July of 2021!

Our recommendation is to alert your employees not to install the Beta software. Given potential enterprise app issues, it is also recommended to hold off the upgrade of the final iOS 15 release until full testing is done. Your EMM platform does provide zero-day support, however, beta versions are pre-zero day and the platform will not recognize these. The EMM can take, based on your settings, measures like quarantining and wiping devices. Please contact our support to learn how to inform your employees and how to set up alerting mechanisms to detect 'beta employees'.

5.2 Staying connected with FaceTime

While we are spending more time than ever in online meetings, users are feeling drained by the poor quality of these (video)meetings. Apple put in the effort to make these moments more natural, comfortable, and lifelike.

5.2.1 Audio

The addition of **Spatial Audio** support to FaceTime will make it easier to determine who is speaking in a group call, by making the audio seem to come from the portrait of the person currently talking. **Voice isolation** improvements will help cut out background noise, while a **wide spectrum** audio mode will also be available.

Airpods Pro and Airpods Max will also support Spatial Audio, making them even more suitable for long meetings.

5.2.2 Video

Grid View will help reorganize your calls and make it easier to see everyone in a call at once. With **Portrait Mode**, you will be able to blur your background. (Sounds familiar!)

5.2.3 FaceTime links

A big feature for FaceTime is **cross platform calls**, where a FaceTime Link can be created and shared with others. That link can also be used on Android devices and Windows desktops, expanding the service for the first time in its history.

Users can generate a web link for a FaceTime call while creating an event in Calendar, so everyone knows exactly where to meet and when. Non-Apple-users can access the meeting straight from their browser, no login required.

FaceTime links

SharePlay will enable users to share media within a FaceTime call, including shows, movies, and music from various providers. Apple Music support is also included, complete with playback synchronization across multiple users. A **screen sharing** option is also available, opening up opportunities for Support Desk usage.

Apple adds the possibility to use native iPhone apps for business use. With Facetime now becoming a competitor for video meeting tools like Zoom and Microsoft Teams, they are aiming at business users as well.

5.3 Managing notifications with Focus

One of Apple's particular focuses will be on new ways to manage notifications. Users will be able to set different notification preferences depending on their status, such as "working", "sleeping", "personal life" or other custom statuses." A menu to access these controls will be in Control Center and on the Lock Screen, which will be redesigned this year.

There will also be an option to set automatic replies to messages depending on their status. That will be an improvement over the current auto-reply feature, which is only currently available while driving. Apple has added some unique notifications features such as Do Not Disturb and Sleep Mode, but this will mark the first time the company offers a systemwide feature for changing notifications depending on a user's status.

Users can set allowed interruptions so that the most important notifications from people or apps will get through to while they are focusing.

If someone's status is turned on, signaling that they have notifications silenced with Focus, you can break through with an urgent message. If you are on the receiving end, you can prevent an app or person from breaking through.

For enterprise users these customizations and "small" enhancements will provide a far better user experience allowing to focus on work while at work and enjoying personal time when due. Your employees are provided with a powerful tool to find balance.

5.4 Messages

A revamped Messages app will be arriving with iOS 15 later this year. Apple previewed new sharing features for its messaging app that will make it easier to view photos, articles and music shared in your chats. A new "shared with you" feature will track content shared within message threads across relevant apps.

mobco encourages new features that makes connecting and collaborating easier. "Shared with you" opens possibilities to attract end users into a community, share useful information, ...

5.5 Live Text

Live text allows users to pick text directly out of photographs to copy, share, and search the web by recognizing text in images taken on the iPhone, shared images from friends or the web, or screenshots. It can even spot text in the camera app's live viewfinder.

5.6 Apple Maps

The updated Apple Maps app makes it easier to find places, with new options on how to get there, including details in 3D, elevation, landmarks, and nighttime mode.

You will be able to scan your surroundings by using the camera. Apple Maps will then show your exact location on screen.

These features will be added by the end of 2021.

In enterprise, mobco sees possibilities for companies to make their location more attractive, easier to find and thus attract more people.

5.7 Wallet

The wallet app is taking big steps towards replacing your actual wallet.



With Apple Pay and Car Keys already packed into previous versions of Wallet, some important assets used daily still were missing.

With the new improved features, Wallet now packs possibilities to add the keys to your home (if you have a smart lock), keys to your workplace and even hotel keys.

Even more, in supported countries or regions, there is the possibility to add your ID card and drivers' license in the app.

Data is stored in the iPhone and Apple Watch's "secure element," the same hardware it uses for saving credit cards and other sensitive data.

A key feature important for business.

From improving your employee experience by getting rid of badges or keys to enter the workplace to smashing customer experience in hotels, airports, event venues, ... The Wallet App could be a game changer in authentication.

5.8 Privacy

iOS 15 also includes a new **privacy menu upon app launch** so that you can see exactly what information apps are gathering about you. In theory, this will be similar to the privacy labels in the App Store. It's certainly an extension of the privacy tracking tools Apple enabled in iOS 14.5.

Mail Privacy Protection helps protect your privacy by preventing email senders from learning information about your Mail activity. If you choose to turn it on, it hides your IP address so senders can't link it to your other online activity or determine your location. And it prevents senders from seeing if you've opened their email.

We can only cheer for more privacy on mobile corporate devices, allowing less intrusion on these devices.

5.9 Security

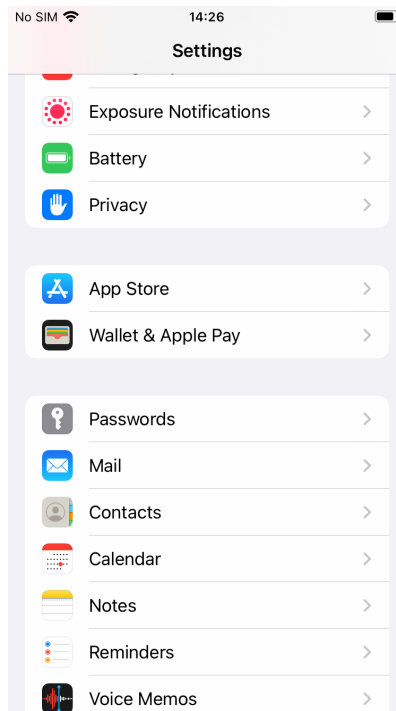
5.9.1 Built-in authenticator

No need to download an extra authenticator app anymore. iOS 15 will have a built-in authenticator feature you can generate verification codes needed for additional sign-in security. If a site offers two-factor authentication, you can set up verification codes under Passwords in Settings. Once set up, verification codes will autofill when you sign into a site, which will make using two-factor authentication on an iPhone or iPad much more streamlined.

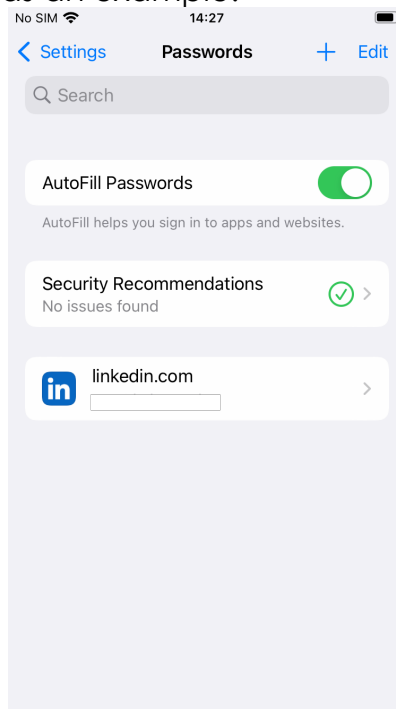
Updated info

As from iOS 15, your iCloud Keychain will have a built-in 2 factor-authentication feature. Using 2FA will be as easy as using Touch ID or Face ID.

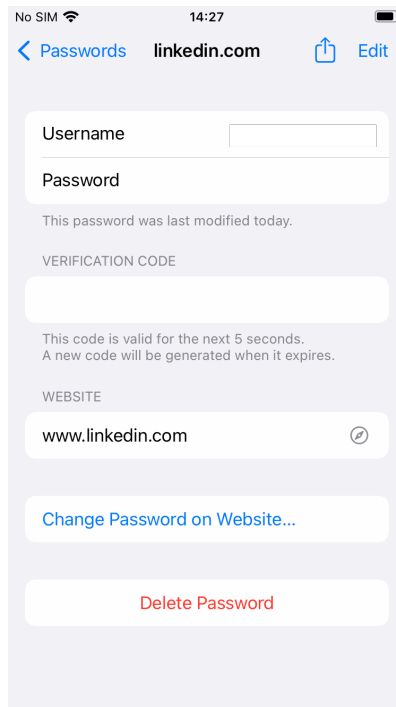
Let's look at how this works. In Settings, you'll find Passwords.



In here you will find all your saved passwords for apps and sites. In this case, we've only used LinkedIn as an example.



You can go further into detail to setup your 2-factor authentication. Once setup you'll see the actual codes appearing here. The screenshots were taken from a fully setup account, however taking screenshots automatically delete your password and 2FA code. The account name was removed manually from the screenshot.



The integration is seamless. When logging in to a website or an app, you can use Touch ID or Face ID to inject your password and then your 2FA token. No more switching between your app and your authenticator app.

5.9.2 Software updates

As from iOS 15 users will have the ability to remain on iOS 14 or iPadOS 14. You can update to the latest iOS 15 for the latest features and most complete set of security updates. Or continue using iOS 14 and still get important security updates until you are ready to upgrade to the next major version.

This can be useful for some companies with inhouse apps restrictions or with older devices. We expect that this software update feature will be part of the new MDM payloads.

5.10 Temporary iCloud storage



A hot topic in a lot of migration scenarios will finally be solved with this new feature.

When you buy a new device, you can use iCloud Backup to move your data to your new device, even if you are low on iCloud storage or you do not want to pay for extra storage.

iCloud will grant you as much storage as you need to complete a temporary backup, free of charge, for up to three weeks. This allows you to get all your apps, data, and settings onto your device automatically.

When a user moves from Android to iOS, the move to iOS app now also moves your photo albums, files and folders, and Accessibility settings.

This will avoid a lot of discussions on who needs to pay (company or user) when replacing iPhones.

Updated info

Probably one of the most popular features requests since a very long time. Of all possible methods to back up your iPhone, iCloud backup has been the way forward since long.

Let's quickly depict how the Apple ID and iCloud landscape looks like today.

	Free	Storage	Sync Services
MAID(*)	Yes	5 GB	Few
iCloud (5GB)	Yes	5 GB	Yes
iCloud (+5GB)	No	50GB-2TB	Yes

(*) Managed Apple ID

Now, the free 5 GB plans are not going to get you very far down the road. So, the classic question quickly arises who is going to pay for the iCloud subscription. If you are working in a COPE model, and you're an Apple enthusiast at home, you'll probably have a paid subscription. But what in all the other cases? This question arises most often when users need to swap devices, because nobody wants to lose data obviously.

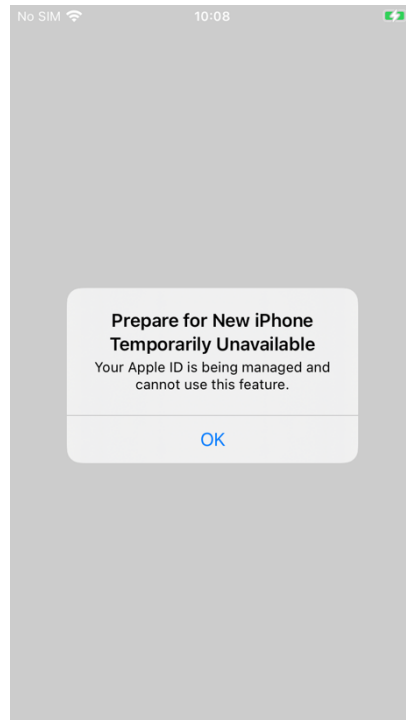
With iOS15 these debates, and discussions have come to an end. Apple is introducing Temporary Unlimited iCloud Storage especially designed when a device swap is pending. On some blogs this has been called "30-days limited storage", which is not correct. It is more of a 21+7-days model, as we will explain. We'll explain the process in 3 steps:

1. Backup your current iPhone
2. Restore on your new iPhone
3. Erase your old iPhone

Before you get started it is important to know that both current and new iPhone must have iOS 15 installed!

NOTE 2021-08-26: At the time of writing iOS 15 beta 7 did not allow a Managed Apple ID to be used for this purpose. The reason not documented by Apple, we think this might be related to iCloud Drive for Managed Apple ID being not (yet) available.

NOTE 2021-09-21: With the public release of iOS 15, the function is “temporarily unavailable” for Managed Apple IDs.



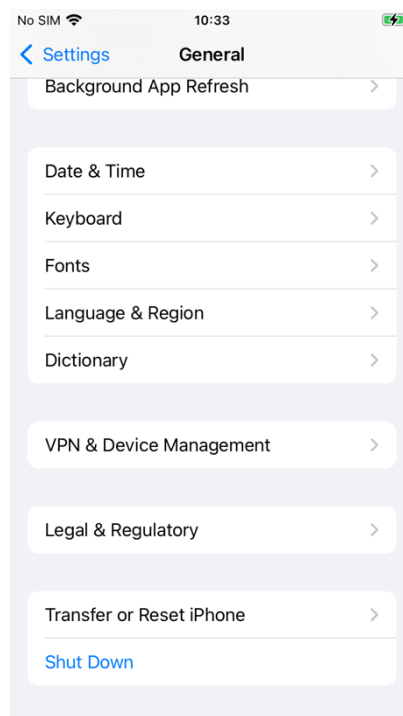
TIP: do not setup your new iPhone yet, but make sure it is (almost) fully charged and disconnect from the charger.

5.10.1 Backup your current iPhone

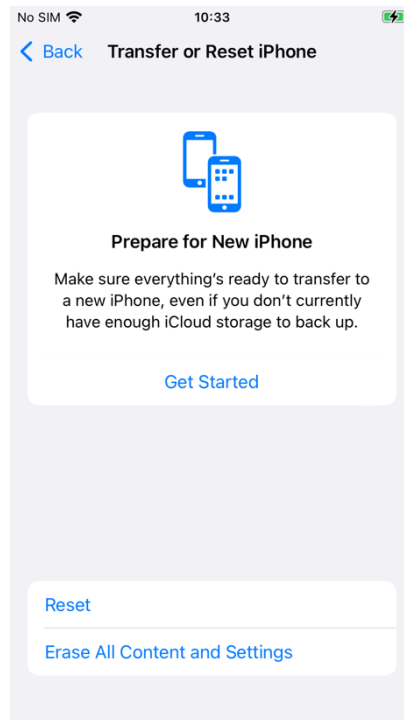
Our starting point is a situation where a user has a free 5GB iCloud account, but clearly has collected way more photos, videos, documents, and other content.



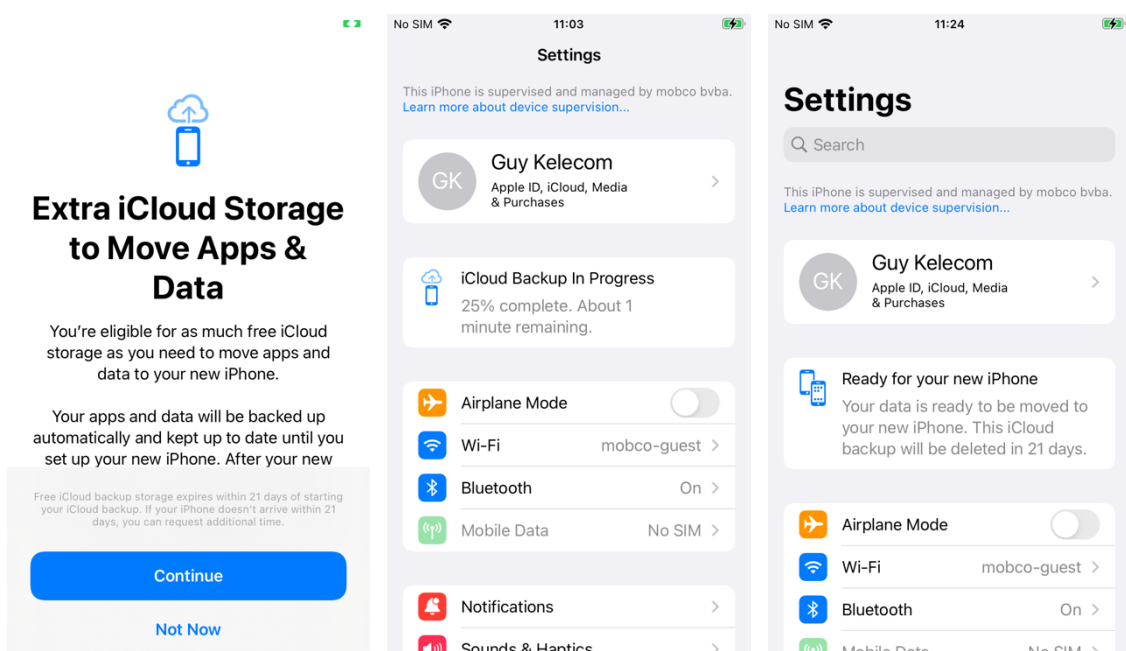
In Settings > General > scroll way down > new menu item: Transfer or Reset iPhone (used to be Reset)



We are presented with a new screen. In the upper half we can start the migration to a new iPhone. On the bottom half, we can reset the device or erase all content and settings of the device.



When selecting “Prepare for New iPhone”, the iPhone tells you it needs extra iCloud Storage. Happy times because we are eligible for as much free iCloud storage as we need. The small letters at the bottom tell us that this extra storage will expire within (not after) 21 days of starting your backup, but you can request additional time if needed. You can monitor the progress of the backup from the main Settings menu.



One more final message that you will be ready for your new iPhone and that the best way to start setting up your new iPhone is the “Get started quick” mode, where you place your new iPhone near your current iPhone.



You'll Be Ready for Your New iPhone

That's it for now — your iPhone is using iCloud to secure all your data.



Uploading apps and data to iCloud

Your apps and data will be up to date and ready to transfer when your new iPhone arrives.



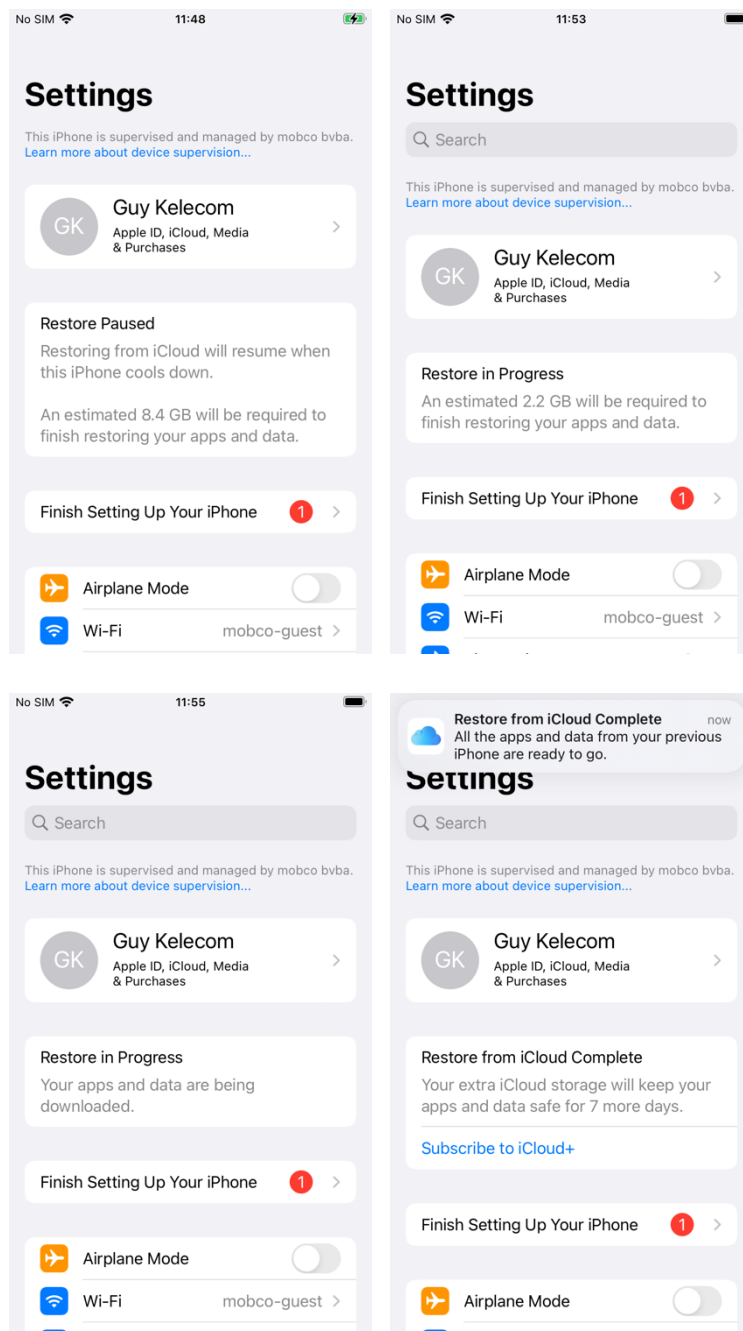
Use this iPhone to quickly sign in

When your new iPhone arrives, turn it on and place it near your current iPhone to quickly sign in and start setting up.

Done

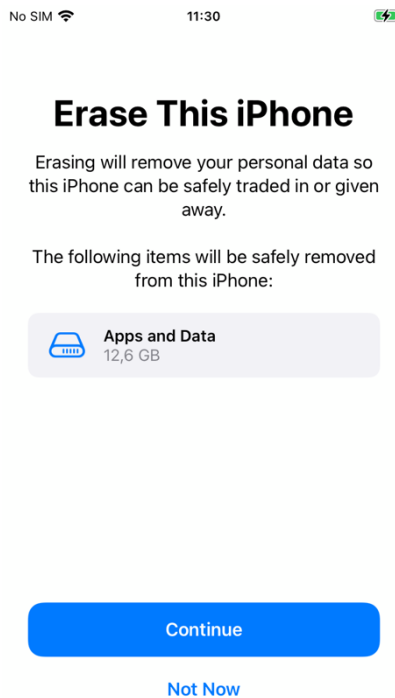
5.10.2 Restore on your new iPhone

Once you're done setting up your new iPhone using the above method, you might be presented with the following message. Oops, bad habit? No, simply let cool down your new iPhone a bit and the process will start. You can keep track of the restore process. Once finished, we get the message that the backup will be kept for another 7 days before it will be removed from iCloud (unless you subscribe to iCloud+ and look, the link is provided just below in blue).



5.10.3 Erase your old iPhone

On your old iPhone, make sure you have logged out of your iCloud. Then go to Settings > General > Transfer or Reset iPhone > Erase all contents and settings.



That's it. Enjoy your new iPhone!

6 iPadOS 15

After the release of iPadOS 14 on September 16, 2020, Apple introduces iPadOS 15.



6.1 Hardware support

When it comes to the iPad, the iPadOS 15 update will be compatible with the following devices.



Supported devices

- iPad Pro 12.9-inch (5th generation)
- iPad Pro 11-inch (3rd generation)
- iPad Pro 12.9-inch (4th generation)
- iPad Pro 11-inch (2nd generation)
- iPad Pro 12.9-inch (3rd generation)
- iPad Pro 11-inch (1st generation)
- iPad Pro 12.9-inch (2nd generation)
- iPad Pro 12.9-inch (1st generation)
- iPad Pro 10.5-inch
- iPad Pro 9.7-inch
- iPad (8th generation)
- iPad (7th generation)
- iPad (6th generation)
- iPad (5th generation)
- iPad mini (5th generation)
- iPad mini 4
- iPad Air (4th generation)
- iPad Air (3rd generation)
- iPad Air 2

Similar to iOS, the support for iPadOS is also extended for all devices. This protects the made investment in the iPad, a device that typically never breaks and keeps doing what it must: being your business companion!

6.2 Widgets

Now you can place widgets among apps on your iPad. And with a new larger widget size, you can take full advantage of the iPad canvas. Find My, Contacts, Game Center, App Store, and Mail all have new widgets. And many widgets now come in the new larger size.

In the widget gallery, you can select the Smart Stack, a set of widgets you can swipe through that uses on-device intelligence to surface the right widget at the right time based on factors like time, location, and activity. For example, you might see News in the morning, Calendar events during the day, and your Activity summary in the evening.

Widgets are maybe not the number one business feature, but it will increase your productivity and you will have all your important apps available on your preferred (home)screen

6.3 App Library

iPadOS 15 introduces the ability to place widgets anywhere on the Home Screen and includes an App Library, a feature first introduced in iOS 14.

Users can organize all of their apps into one, easy-to-navigate view and will intelligently surface apps that may be helpful at a given time. The App Library is built right into the Dock, making it simple for users to access. Additionally, the App Library allows users to hide and reorder their Home Screen pages.

Grouping all your business apps will give a better user experience and provides direct access to the most important apps.

6.4 Added features

The same new Facetime-features launched for iOS 15 will be made available for the iPadOS 15 update.

The same counts for the Messages-, Focus- and Notification-updates.

6.5 Multitasking

The iPad was in need of a big multitasking revamp. Apple announced new ways to multitask in the next version of iPadOS 15.

The new changes to multitasking took center stage, but apps still seem limited to laying out just two at a time in what Apple calls "Split View" mode. But a new quick-access button aims to make swapping apps in and out of the two-app split view pairing an easier process.



A menu at the top of apps lets you enter Split View, Slide Over, full screen, or center window with just a tap. You can also quickly close a window from the menu.

The new multiwindow shelf gives you quick access to all the open windows for an app. The shelf appears when you open an app and elegantly fades away as soon as you interact with the app. Tap one to open it or flick it away to close.

The new multitasking features are a significant change to how multitasking currently works and will increase

6.6 Security

The built-in authenticator and software update features which are available in iOS 15 will also be included in the iPadOS 15 release.

7 macOS 12 Monterey

Apple launched a brand-new OS for Mac computers branded Monterey, introducing Universal Control, Airplay to Mac and Shortcuts for Mac just to name a few.

The biggest technology change is Universal Control, a feature which allows us to use all our Apple device in 1 work environment.

7.1 FaceTime

FaceTime in macOS Monterey is packed with new features, most of them focused on private use, such as SharePlay.

However, if you are using it in your day-to-day business, you'll appreciate new features such as Spatial Audio or Mic Modes such as Voice Isolation, focusing on your voice and minimizing background noise. Or use Wide Spectrum to do the opposite, when every sound around you is important.

You probably have a webmeeting solution in place since long. By introducing Spatial Audio and Mic Modes, we have a high quality extra available for those who need it.

7.2 Focus

Focus is basically a set of Do Not Disturb settings, default and custom, allowing you to get more control over which notifications you see and which not, allowing you to focus on your work or focus on your rest at the end of the day.

If you enable Focus on one of your devices, it will be set automatically on all your devices.

In Messages people will notice that you have Focus enabled, letting them know you're busy. If the message is urgent, there will still be a way to get in contact.

Having more control over notifications will allow us to get things done quicker.

7.3 Universal Control

Continuity is a feature that we've been having for many years now. With Universal Control, we can use our mouse or trackpad seamlessly between your iPad and your Mac. Move the mouse cursor to the edge of your screen and it will pop up on the other device. You can drag and drop content such as images across multiple devices, so you are not limited to just 2 devices.

Seamlessly sharing your work over your devices by being able to simply drag and drop between them, will allow us to get things done without intermediate steps.

7.4 Airplay to Mac

Up till now only done by 3rd party apps but with macOS 12 Monterey you'll transform your Mac into an AirPlay destination or an AirPlay speaker. No extra software required. Stream content from your iOS device directly to your Mac.

7.5 Live Text and Visual Lookup

Earlier in the keynote Live Text was shown. With it you can interact with text in any image. Clicking on the telephone number you have in a picture, will start calling that number. Or use Visual Lookup to find online information about landmarks, artwork and more on an image you have or saw.

By avoiding intermediate steps, we'll be able to get things done faster.

7.6 Scripting

Do more in less time. Shortcuts, already available on iOS and iPadOS, will come to the mac too. Make Shortcuts for tasks you often perform on your Mac to speed up things. You can select for a collection of default Shortcuts or you can build your own. You can run them from Finder, the Dock, the menubar, Spotlight and Siri.

With Shortcut we can introduce automation in a very easy accessible way.

7.7 Safari

Safari on macOS is getting a makeover. The address and tabs bar are becoming slick, using up a lot less space. Tabs can be combined into tab groups, giving the possibility to create collections of your favorite websites.

And again, using new privacy protection possibilities, such as Privacy Report and hiding the IP address, the end-users are better protected online.

Every update is a good opportunity to improve on the privacy and security.

7.8 Hardware support

The new macOS supports both the legacy Intel CPU range, and will continue to do so, as the new Apple Silicon.

The Monterey release supports a vast number of Mac's going back 7 years to 2013!



8 watchOS 8

This year's Apple WatchOS update brings "subtle-big" improvements in version 8.



WatchOS 8 requires iPhone 6S or later, with iOS 15 or later and one of the following Apple Watch models:

- Apple Watch Series 3
- Apple Watch Series 4
- Apple Watch Series 5
- Apple Watch Series 6
- Apple Watch SE

In the current portfolio the series 3, 6 and SE are available.

8.1 Watch Faces

Everything you do on Apple Watch starts with your Watch Face. With WatchOS 8, you can now use portrait photos to create Watch Faces and add text and other info behind it.

Interesting for business? Not really, but you can create a company branded Watch Face to give your brand more visibility on your employee's wrists.

8.2 New Health features

Every enterprise is concerned about its employee's health. The Apple Watch does help!

Apple introduces new Mindfulness and Breath apps. The new Fitness apps includes new workout types.

Sleep is still one of the most important aspects of your health. The health app tracs your respiratory rate while sleeping and notify you if it's outside of your normal patterns.

8.3 Other new features

The Photos app on the watch is upgraded with a new layout and the ability to share photos directly through Messages or Apple's Mail app.

New text entry options when replying to messages will be available.

The Home app will get a new design and the ability to view camera feeds from security cameras linked to the Home app.

Car & Home keys will be stored in the Wallet app on your watch.

9 Mobile Device Management

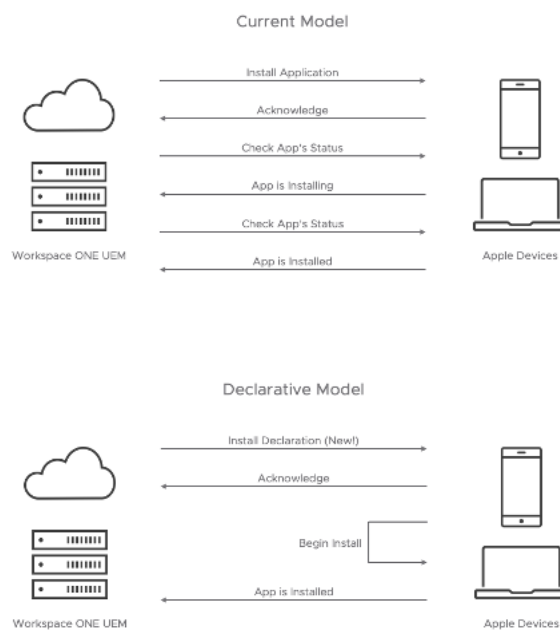


9.1 Declarative Device Management

Declarative Device Management is what Apple calls “The future of device management”. The difference between imperative and declarative programming, or in this case management, refers to the used method to achieve the desired result.

Declarative Device Management relies on a set of preconfigured capabilities in the Apple operating system to accomplish a task without explicit case-by-case instructions on what steps to take.

This new approach allows easier onboarding processes avoiding multiple steps. The new approach brings increased performance and scalability to your MDM platform.



9.2 New Account-driven User Enrollment

iOS 15 (and all other upgraded and manageable operating systems) support the new User Enrollment. The updated methods help you support “bring your own device” deployments with better data separation, enhancements to Managed Apple IDs and more.

9.3 Apple Configurator coming to iPhone with iOS 15

Apple Configurator is now more capable than ever. Whether you're provisioning iOS, iPadOS, and tvOS devices in your organization or servicing existing macOS devices, learn how Apple Configurator can help with key workflows. With the new iOS15 all this is now coming to iPhone!

9.4 Better manage software updates

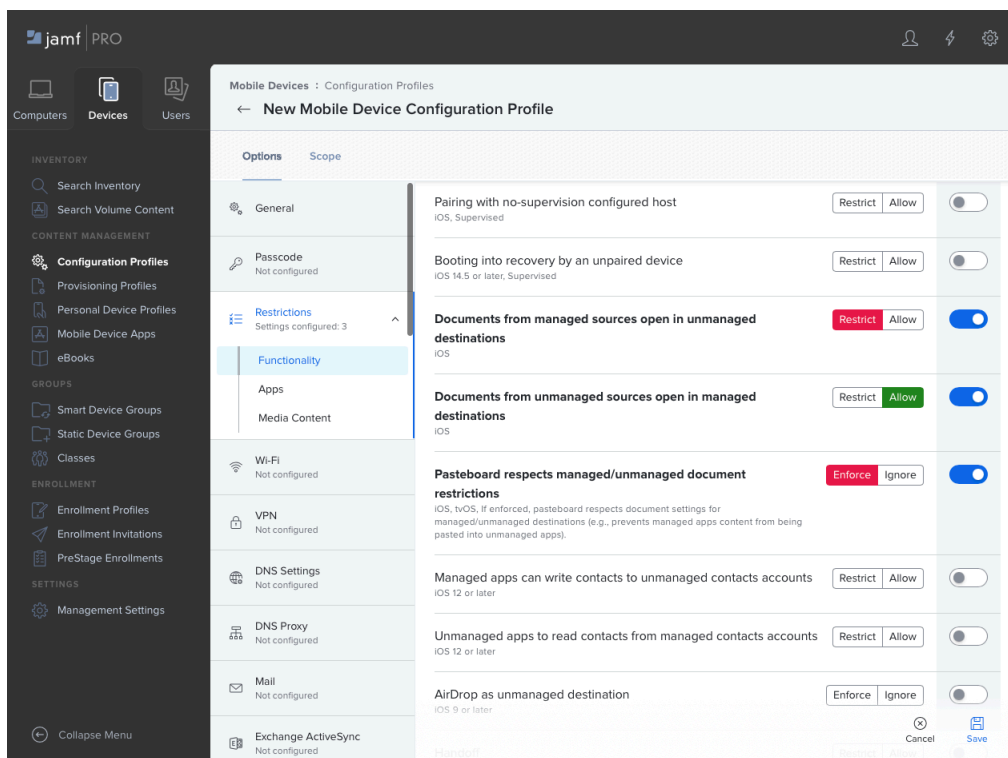
In a managed device environment, you often need to control the pace of software updates while you test the latest operating systems within your company or education institution. Discover the updated tools in the latest version of the operating systems to defer, deploy, and enforce software updates.

Also new is the fact you don't need to miss out any security patch in iOS14 while you defer iOS15!

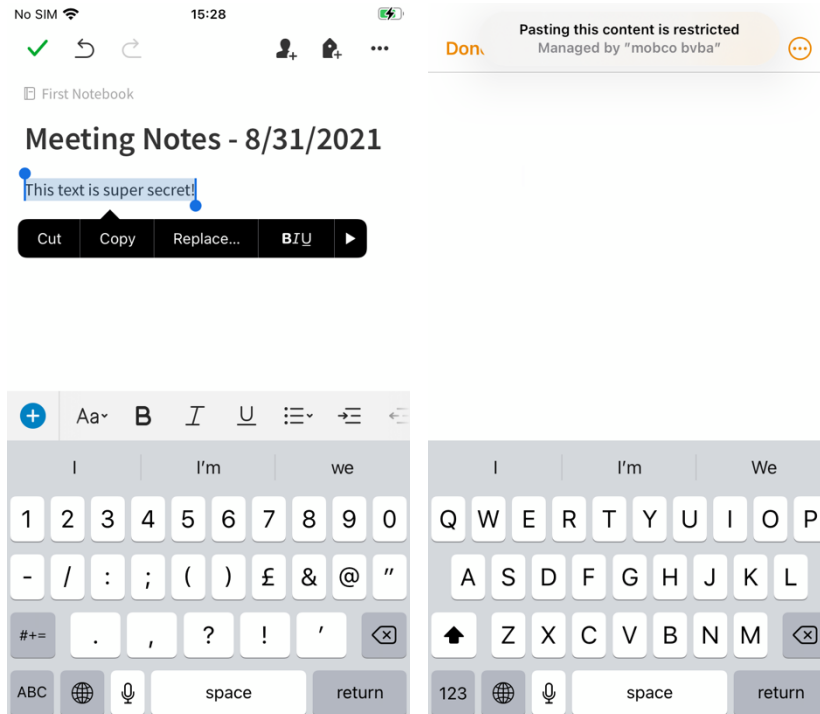
9.5 Managed Pasteboard

Updated info

A long-awaited feature has finally arrived. Just like we have been able to control the opening from contacts and documents in managed or unmanaged apps, we will be able to control copy pasting of data between managed and unmanaged apps. As a matter of fact, and quite logically, it is based on the same managed documents settings you are already using, as you can see from the screenshot included.



The experience for the user is seamless. In this example below, we have installed Evernote as a managed app and Pages is unmanaged. We have a super-secret text in Evernote which we'd like to copy-paste into Pages.



9.6 And more...

The device management Settings on iOS and iPadOS get a refresh making it more clear to the user what and how the device is managed. Currently hidden away and unreadable by most business users.

An all-new return to service functionality for macOS making mac an easier solution when things go not as planned.

10 Contact Mobco

Operations and Support

support@mob.co

<https://mob.co/support/>

+32 2 669 95 09

Sales

sales@mob.co

<https://mob.co>

+32 2 669 95 00

Accounting

accounting@mob.co

+32 2 669 95 19