

# Passwords and iCloud KeyChain



Bruce Mitchell and Tom Bonanno      March 1, 2022



Think about it :

How many people use Keychain?

How many people use a password manager?

How many people have a need for Keychain?

How you manage your online financial activity?



# Today we will talk about...

- The frustration of forgetting your passwords
- What is Keychain?
- Ways to remember passwords.
- Robust features in Monterey and iOS 15.3
- Importance of iCloud sync to your devices
- How to generate a random password





# Keychain Access User Guide

for macOS Monterey

🔍 Search this guide

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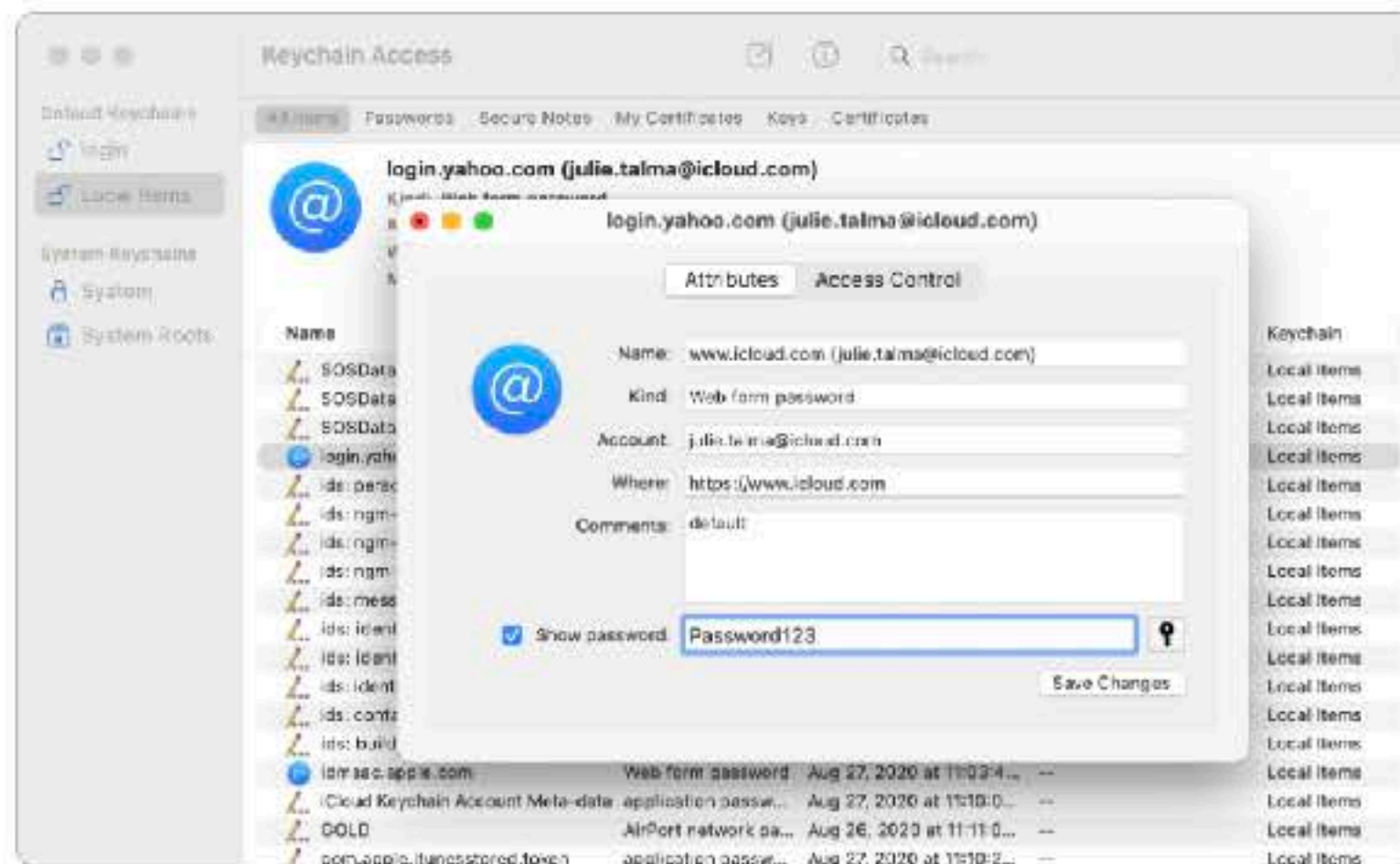


<https://support.apple.com/guide/keychain-access/welcome/mac>

## Total recall of all your passwords

Keychain Access can securely store your passwords and enter them for you. You can also easily look up passwords when needed.

[How to view passwords](#) >



# Keychain Access User Guide **table of contents**

Welcome

Area to Cover

> Use keychains to recall passwords

> Use certificates

Keyboard shortcuts

> Troubleshooting

Copyright

Not Covered Today

<https://support.apple.com/guide/keychain-access/welcome/mac>



# There is just too much to remember.

Easy to forget a password.

It gets frustrating ....

One needs a system.

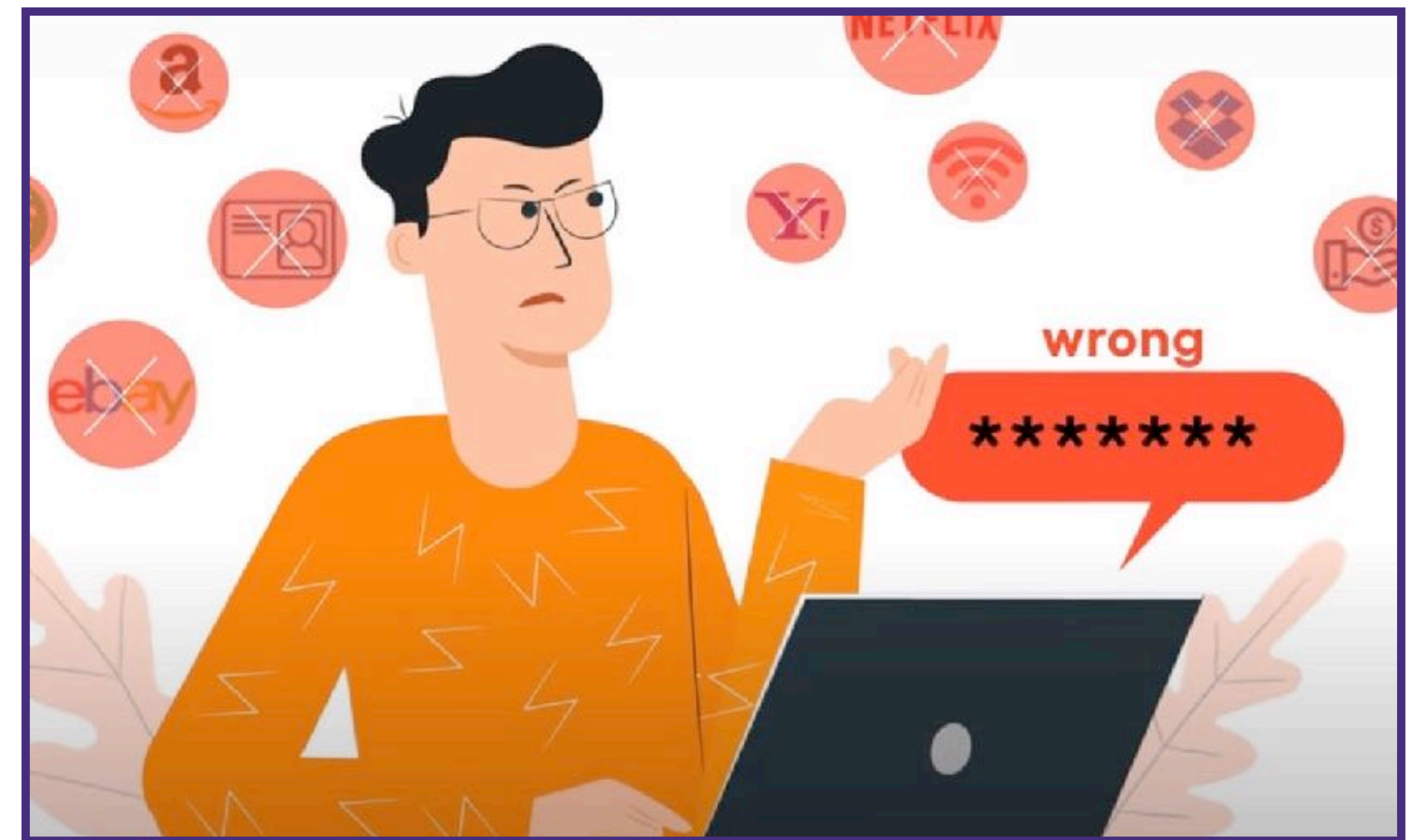
Record in a Notebook

Spreadsheet, Locked document

Use Notes app

Paid Password manager

Passwords in iCloud KeyChain





# Keychain

A *keychain* is a locked, encrypted container used in Keychain Access to store account names and passwords for apps, servers, AirPort base stations, and websites. You can also use keychains to store confidential information such as credit card numbers or personal identification numbers (PINs) for bank accounts.

## What is iCloud Keychain?

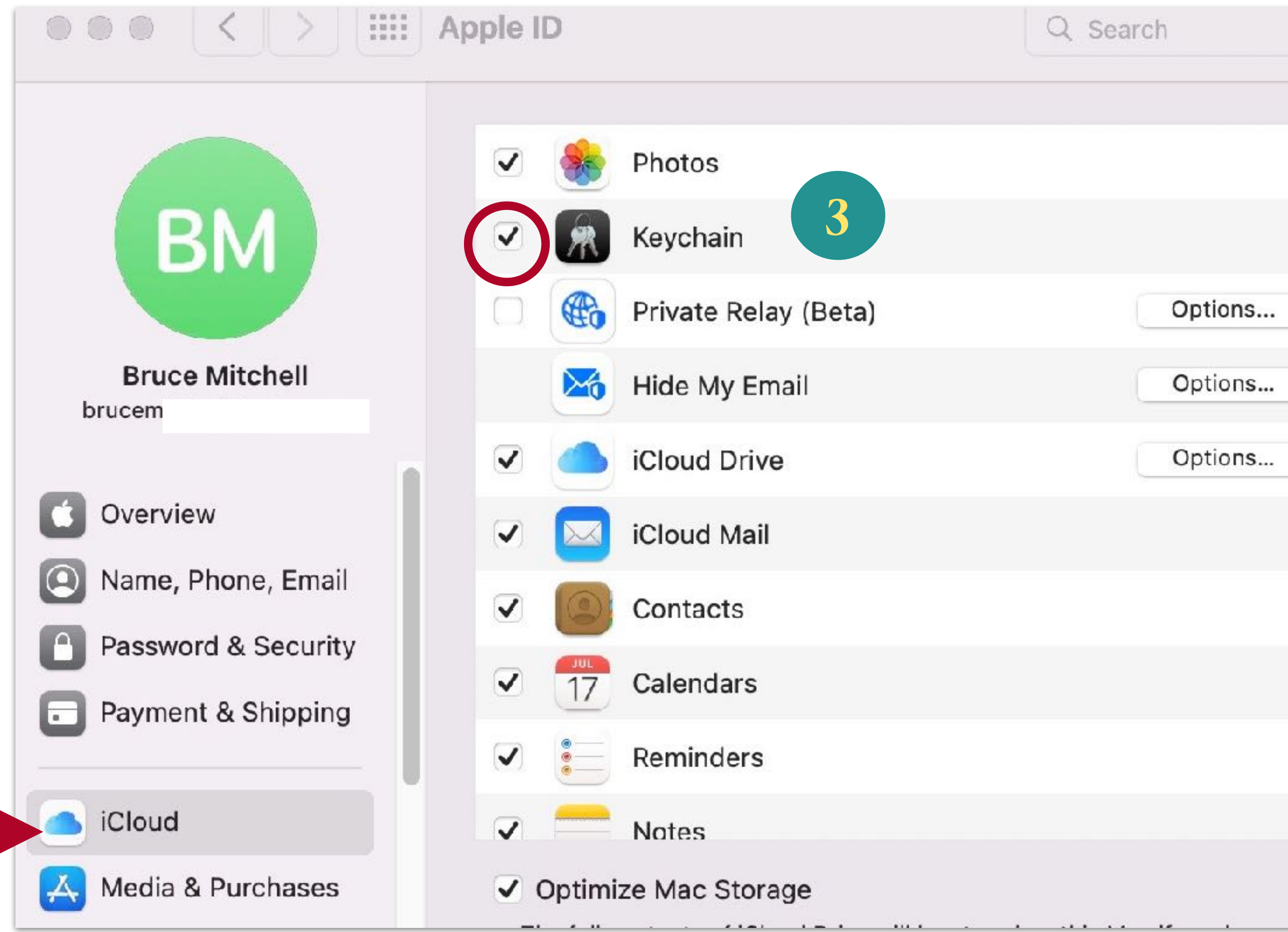
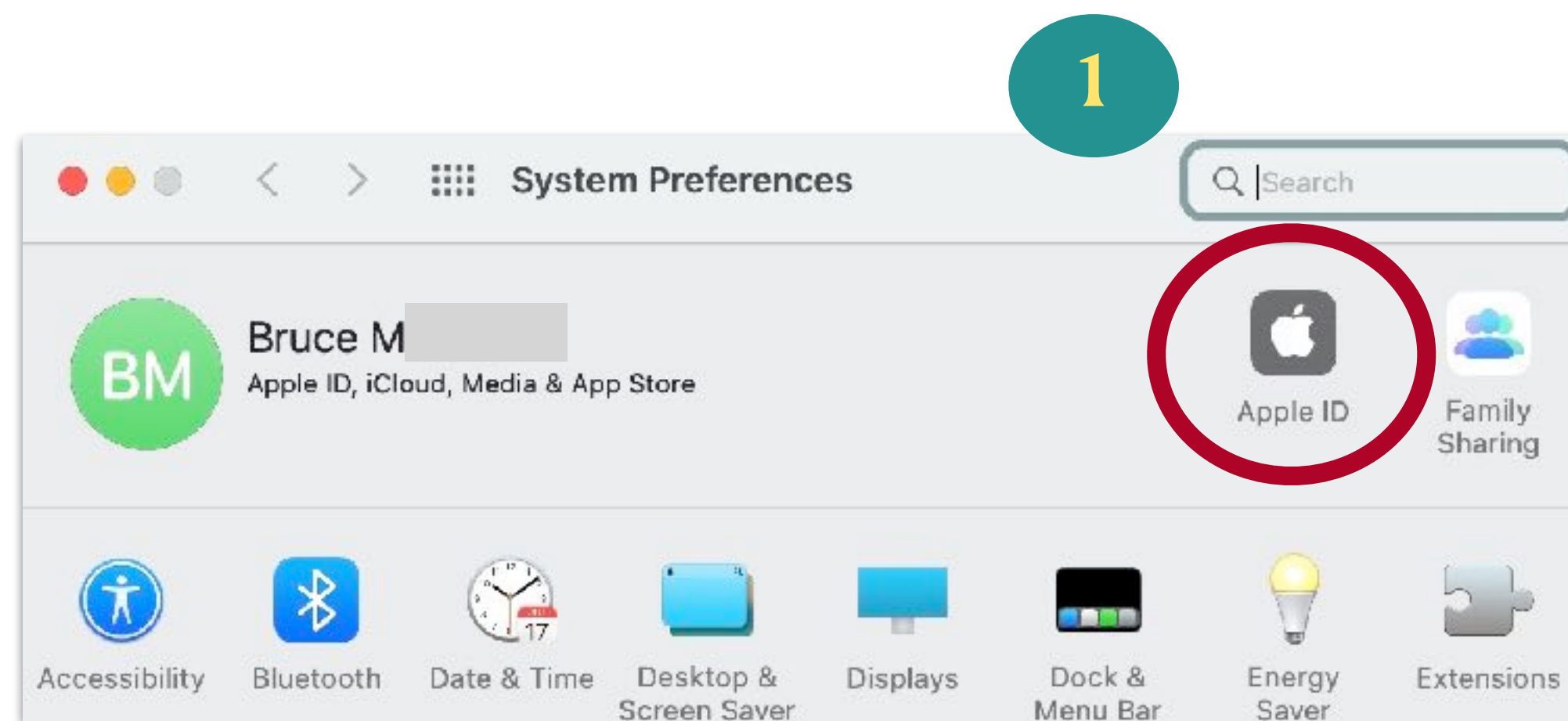
When it comes to online security, it's best to use a good password manager. But if you don't want to pay for a password manager, then you can make use of Apple's own solution that is built into every iPhone, iPad, and Mac: **iCloud Keychain**. As long as you have an iCloud account, then you can access iCloud Keychain.



Mac

# Turn on iCloud Keychain Access

Mac System Preferences > Apple ID > iCloud > Check Keychain





# Mac



## In the Finder... Find **Keychain Access app**



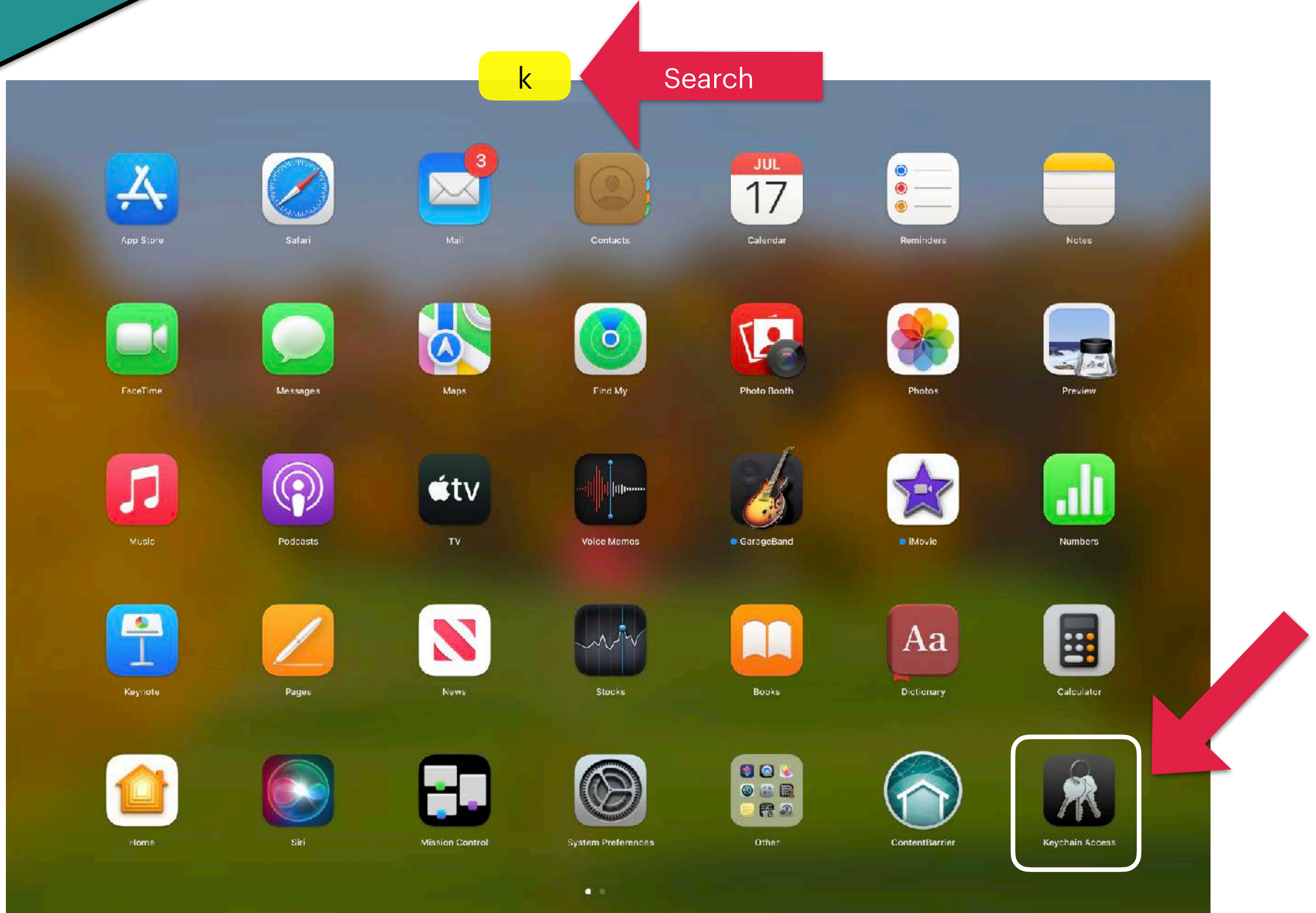


# Mac

Or locate the app  
using  
Launch Pad



Launch Pad icon  
In Monterey



In Monterey Keychain Access is in Utilities



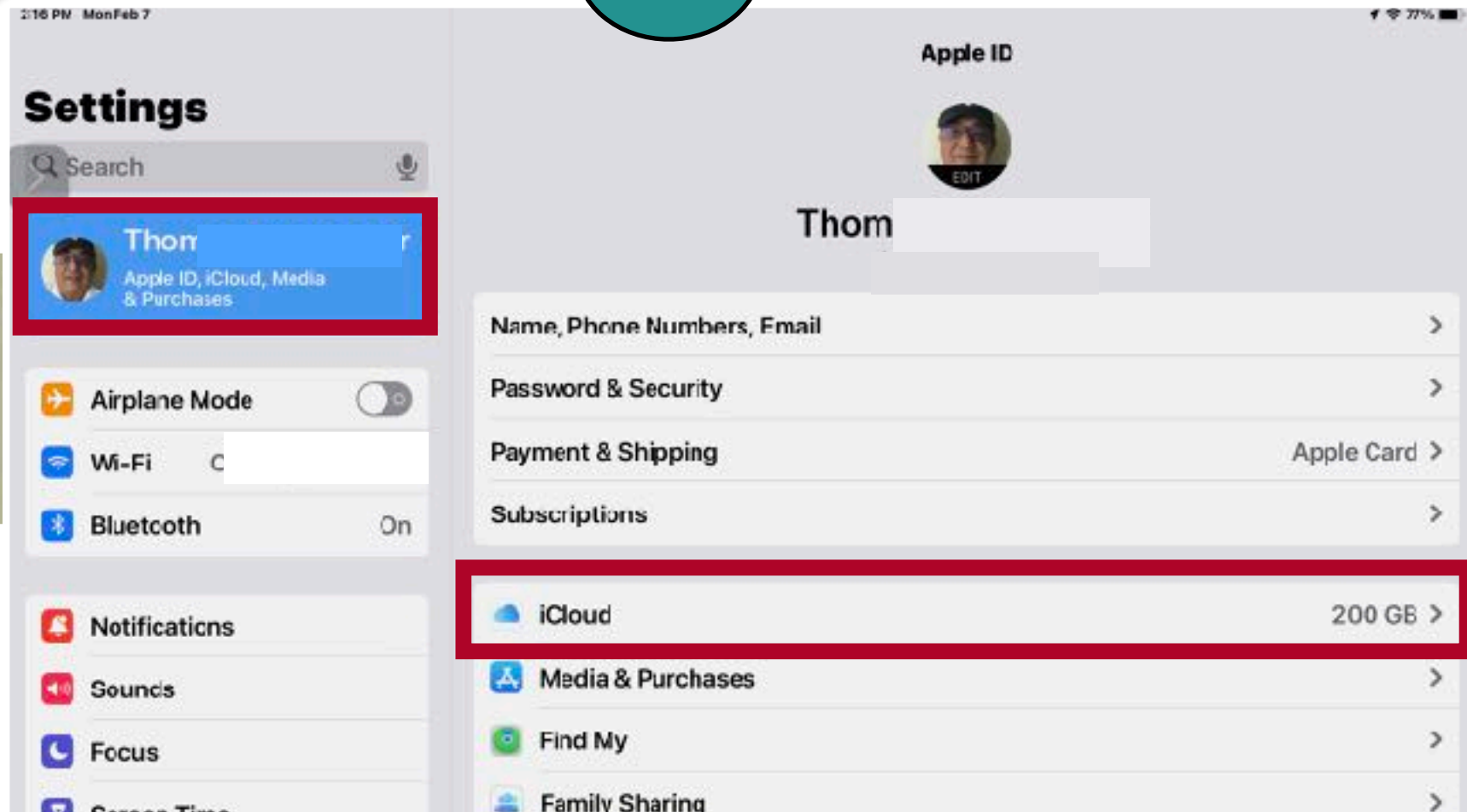
There is no Keychain app on the iPad or iPhone

Just go to Settings...



1

Click on Apple ID



Tap on iCloud

2



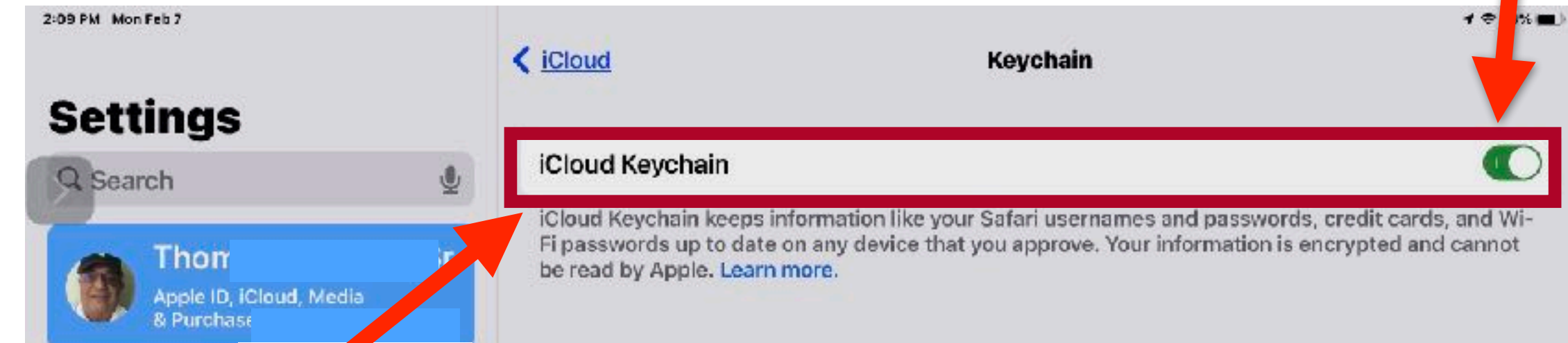
Select and turn on Keychain

3

Turn on Keychain in iPadOS > Settings

Slide to turn on iCloud Keychain

4



[Learn More...](#)

iCloud Keychain keeps information like your **Safari** usernames and passwords, credit cards, and Wi-Fi passwords up to date on any device that you approve. Your information is encrypted and cannot be read by Apple.

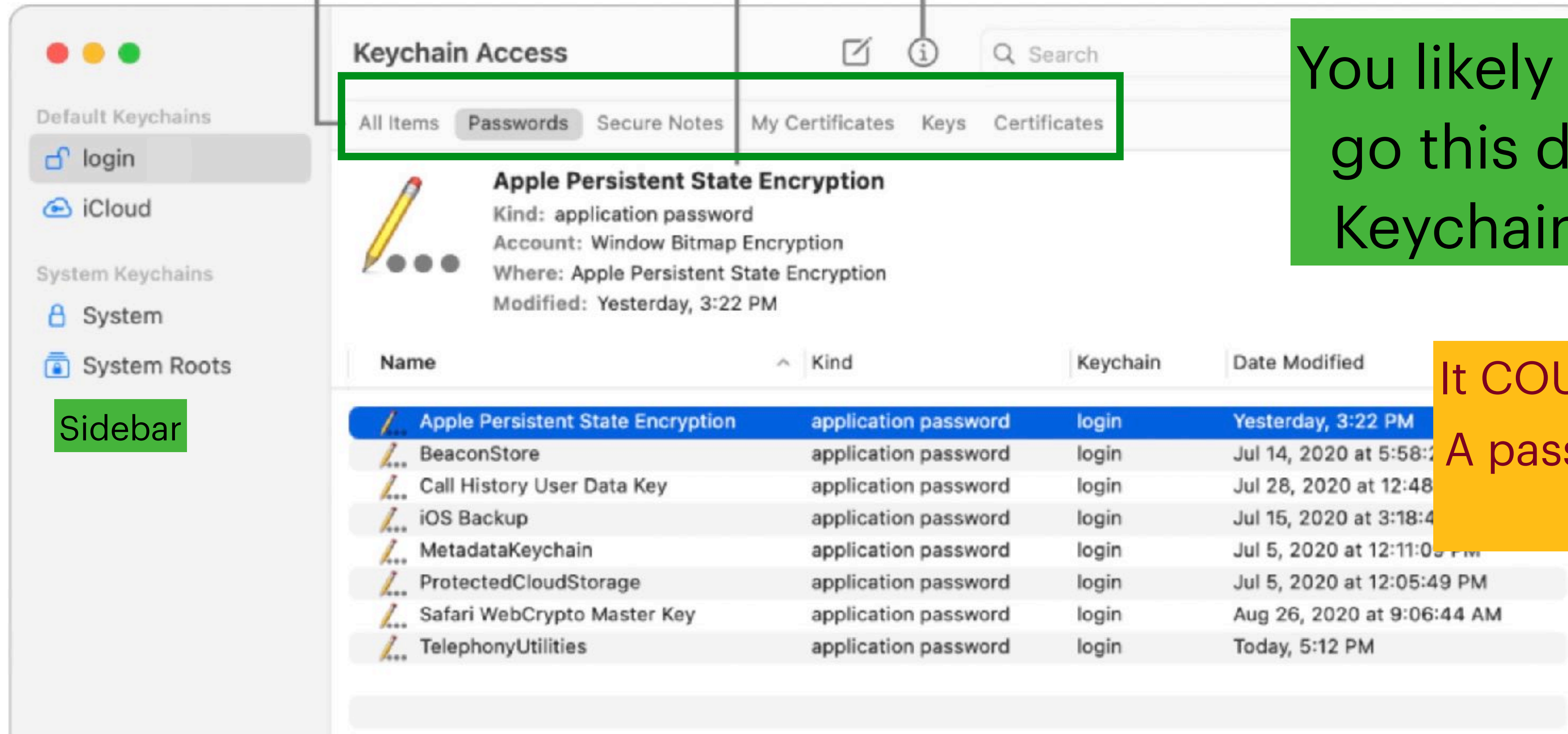


# Keychain Access App on the Mac

Click to see information  
about a selected  
keychain item.

Categories  
of items

Keychain item  
description



You likely will never  
go this deep into  
Keychain Access

It COULD help reveal  
A password that you  
Forgot.



# 2FA

## Two

## Factor

## Authentication

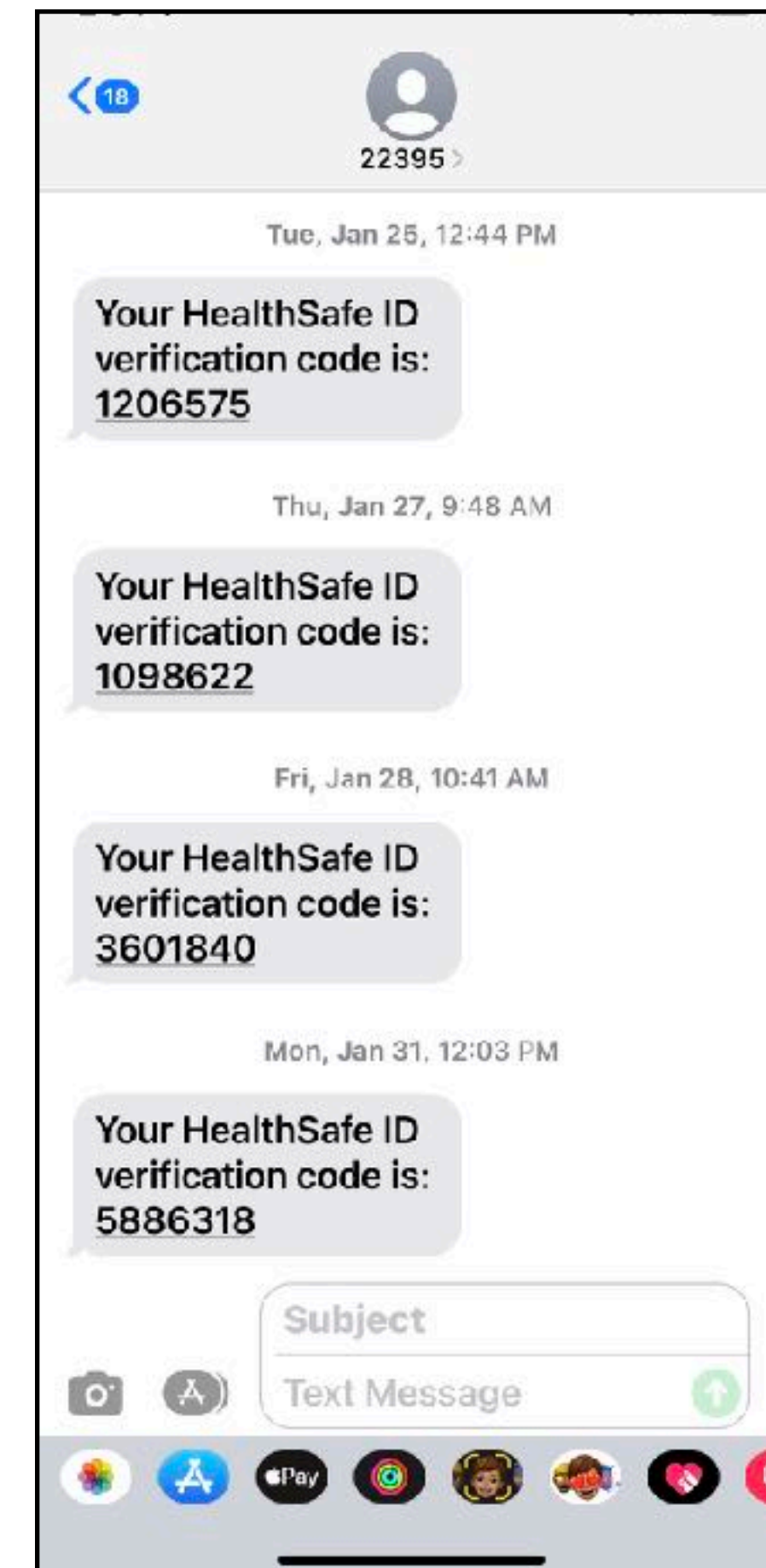
### Built-in authenticator

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 System Preferences and Safari — no need to download an additional app. Once set up, verification codes autofill when you sign in to the site.

Extra Layer of  
Security

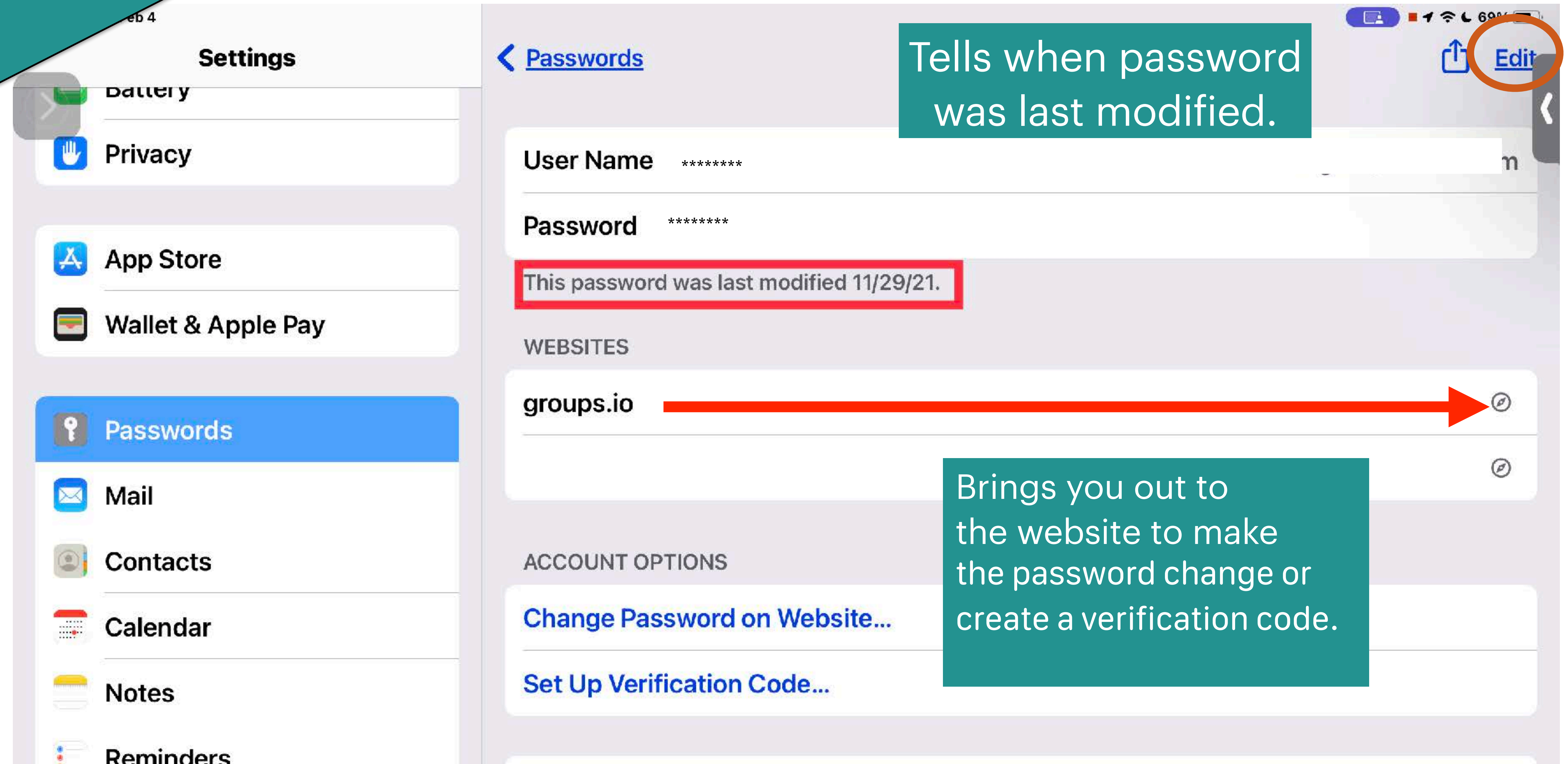
Verification Codes  
Fingerprint /Touch ID  
Face ID

Two factor authentication(2FA) is a security system that requires two separate, distinct forms of identification in order to access something. The first factor is a **password** and the second commonly includes a text with a **code sent to your smartphone**, or biometrics using your fingerprint, face, or retina.



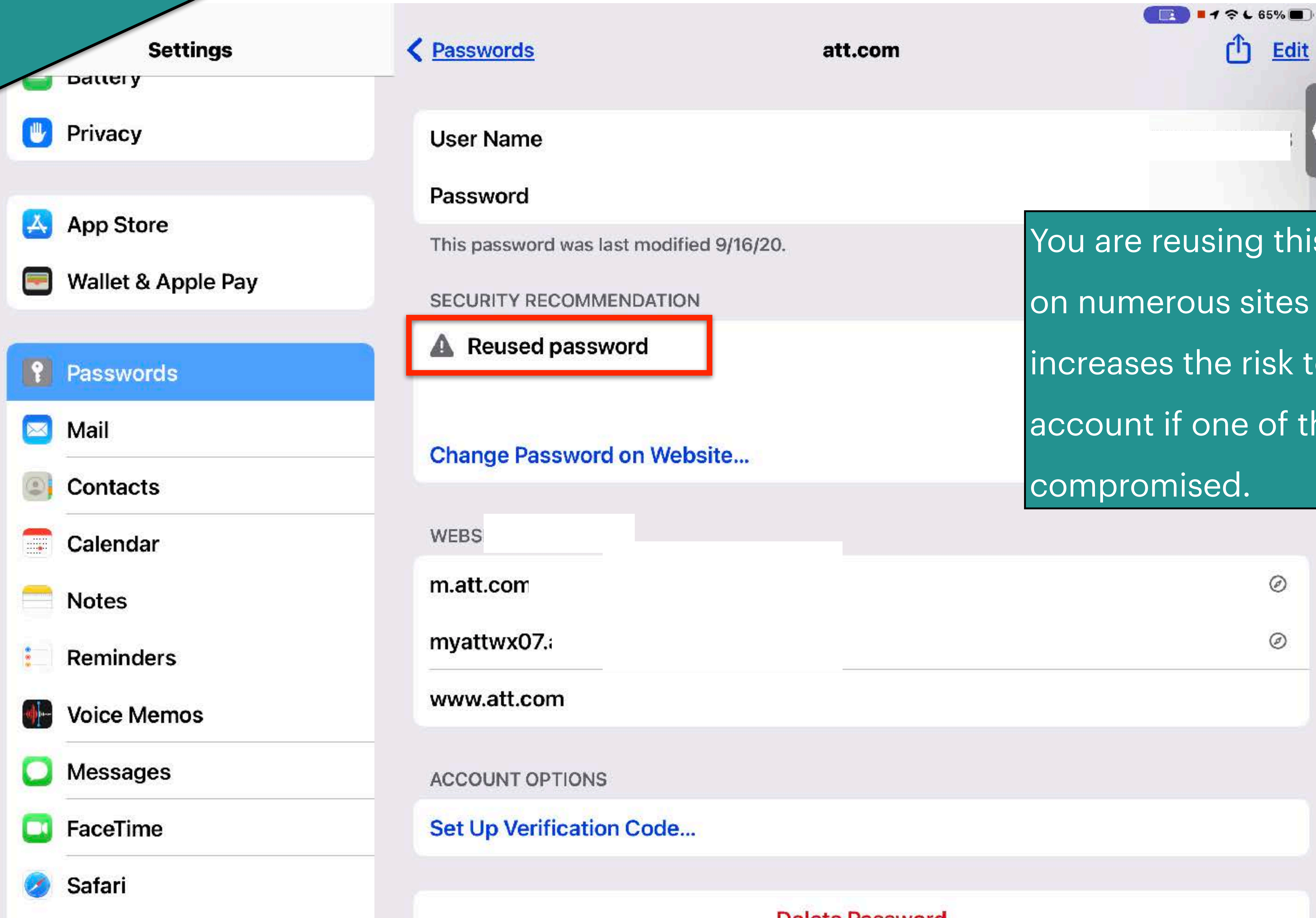
iPad

So when did I change my password?





# iPad



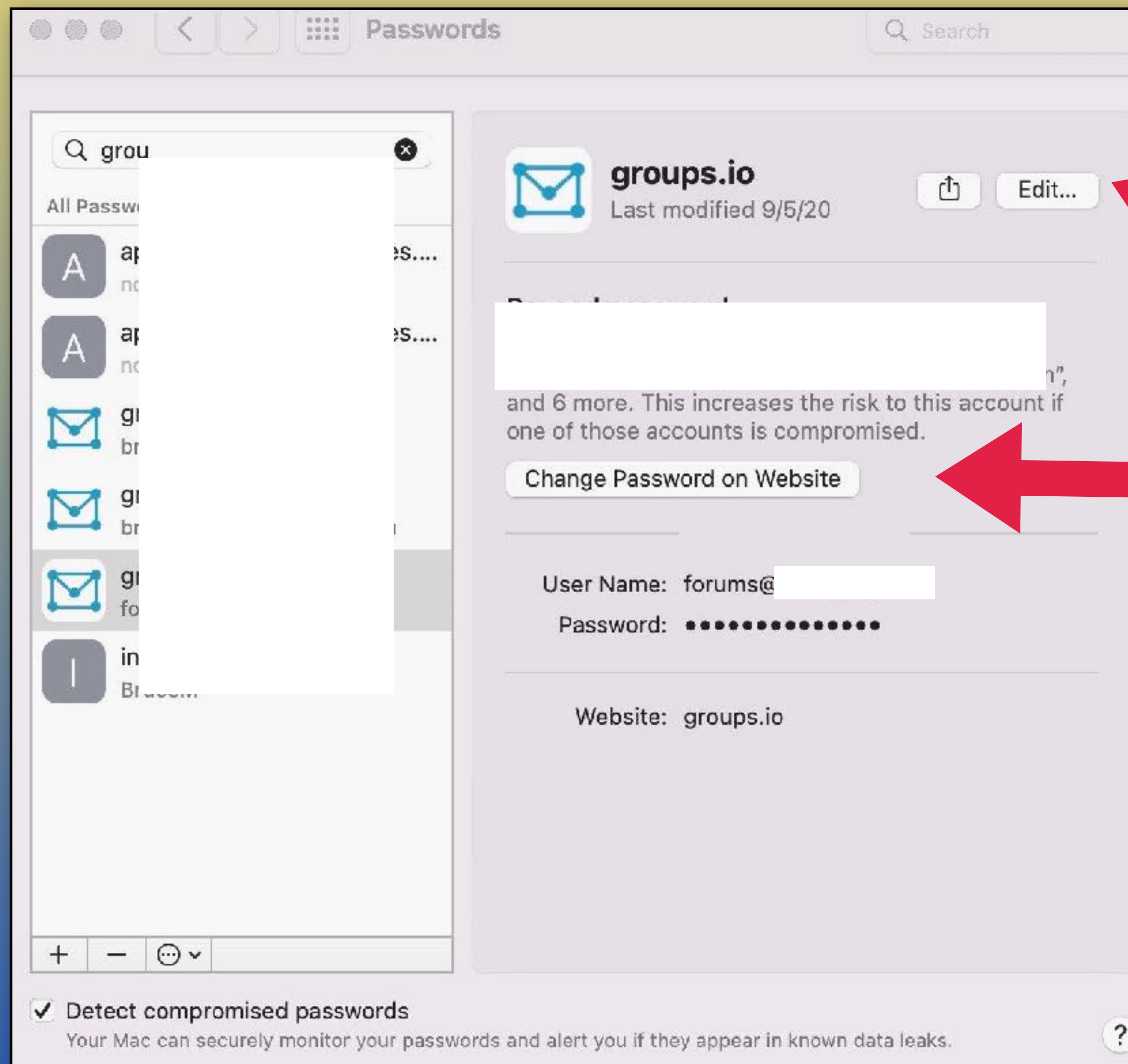
You are reusing this password on numerous sites which increases the risk to this account if one of those is compromised.



# Mac

## Change a Reused or Compromised Password

### Monterey Specific



**Update Password Information**

User Name:

Password:

Verification Code:

If supported, go to "groups.io" to obtain a setup key and enter it here.

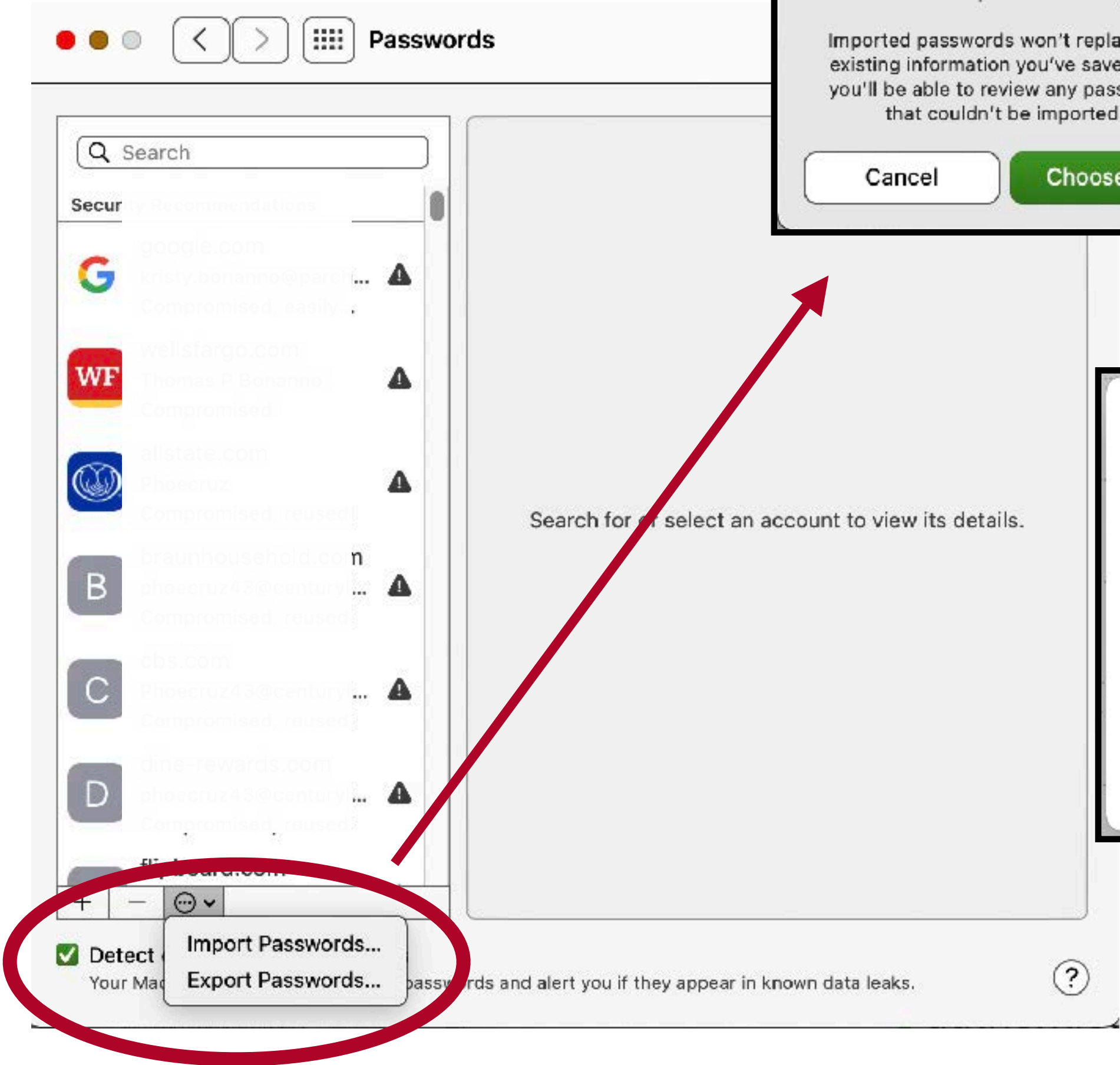
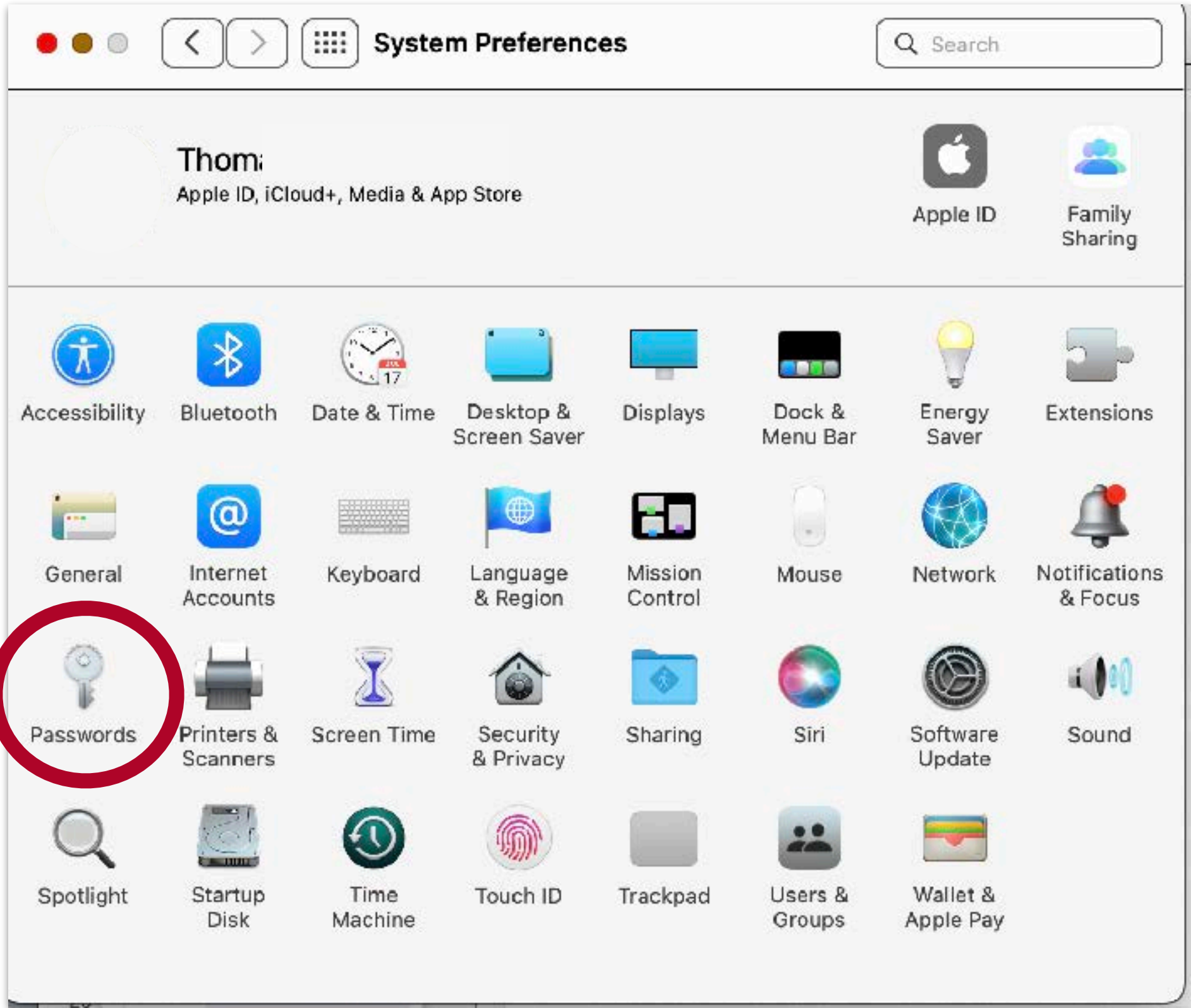
Websites: groups.io



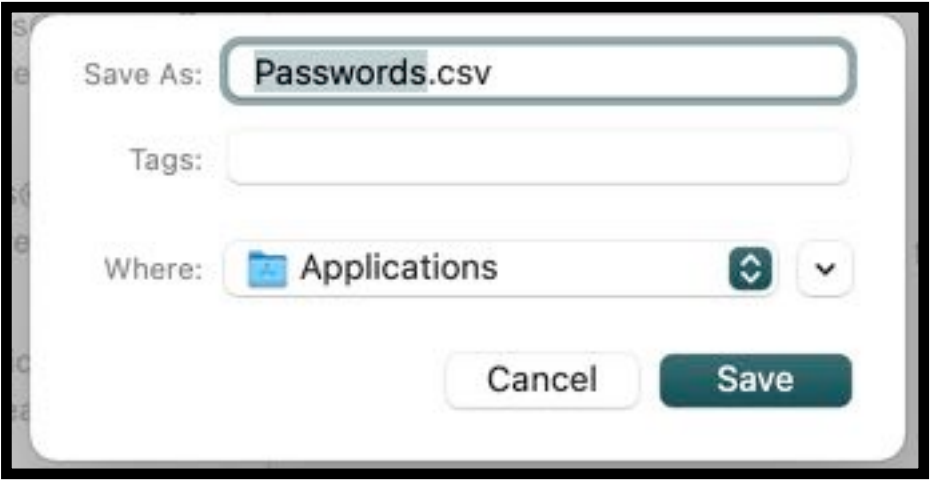
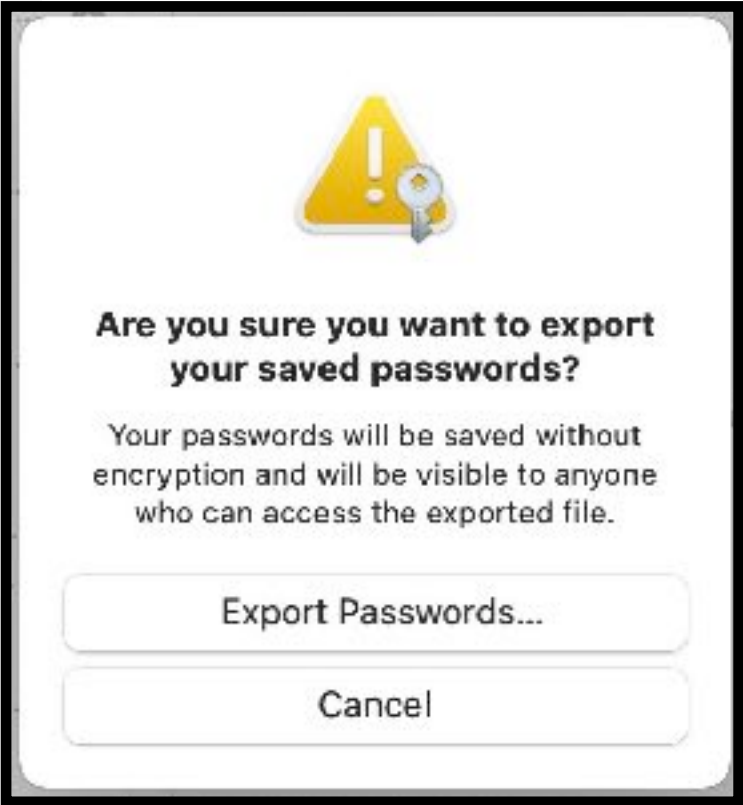
In Monterey

# Import and Export Passwords

## Detect Compromised Passwords



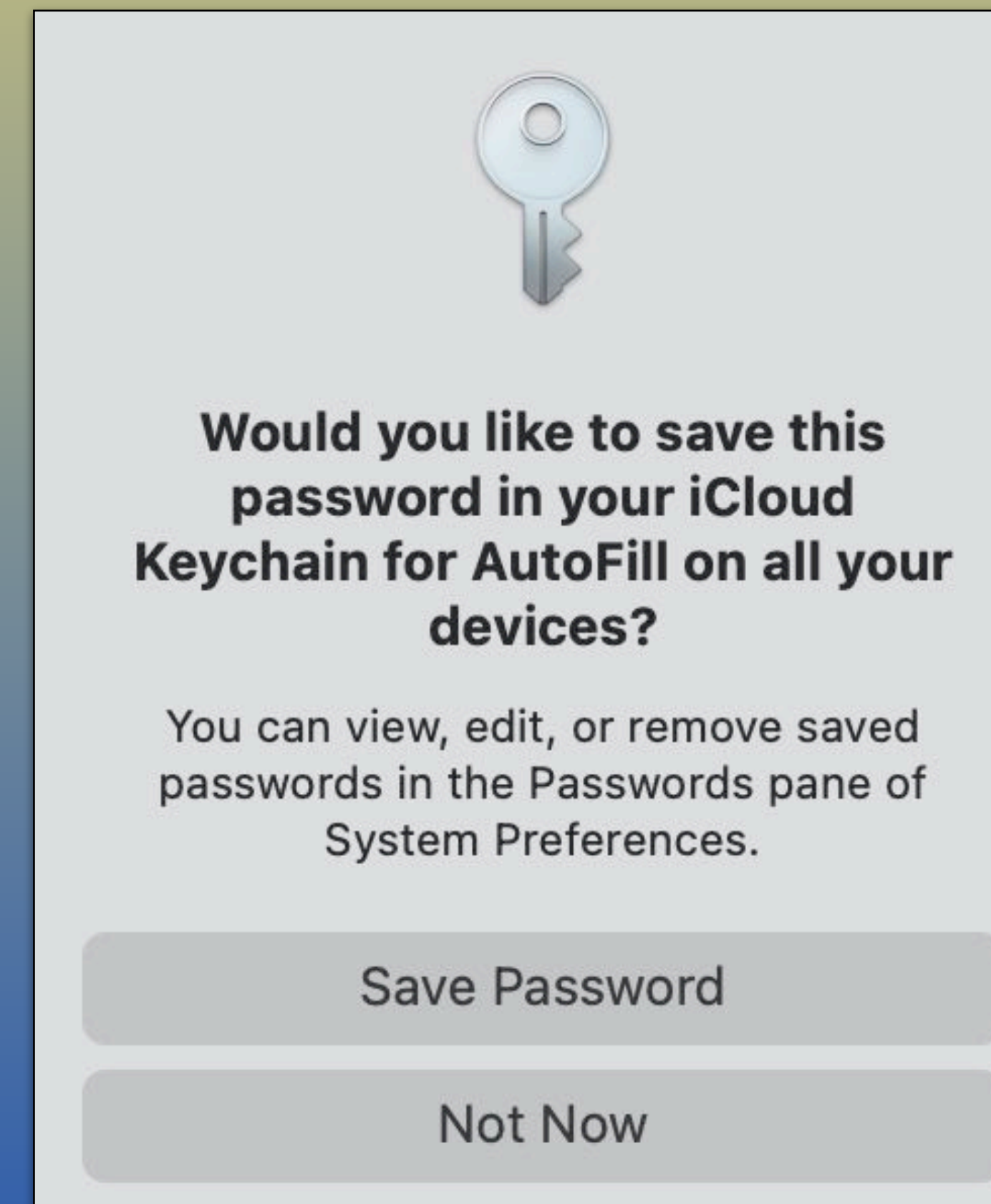
Can Open CSV file  
In Numbers or Excel  
comma separated value



☒ **Detect compromised passwords**  
Your Mac can securely monitor your passwords and alert you if they appear in known data leaks.

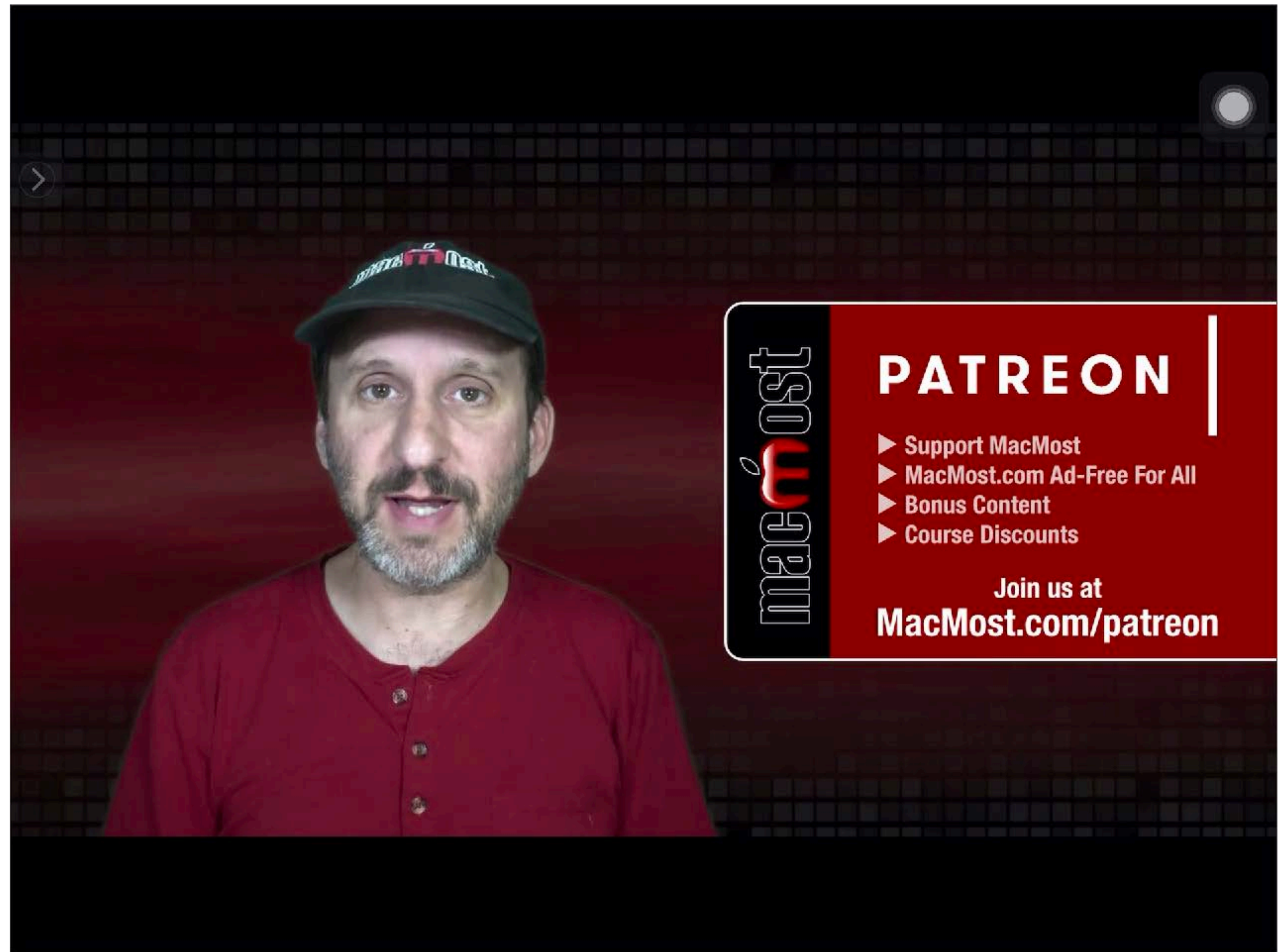
When going to a new website to save a user name log-in and password this prompt will appear:

When saving a password  
this might be all you see.





Generate random  
passwords via  
Keychain Access App

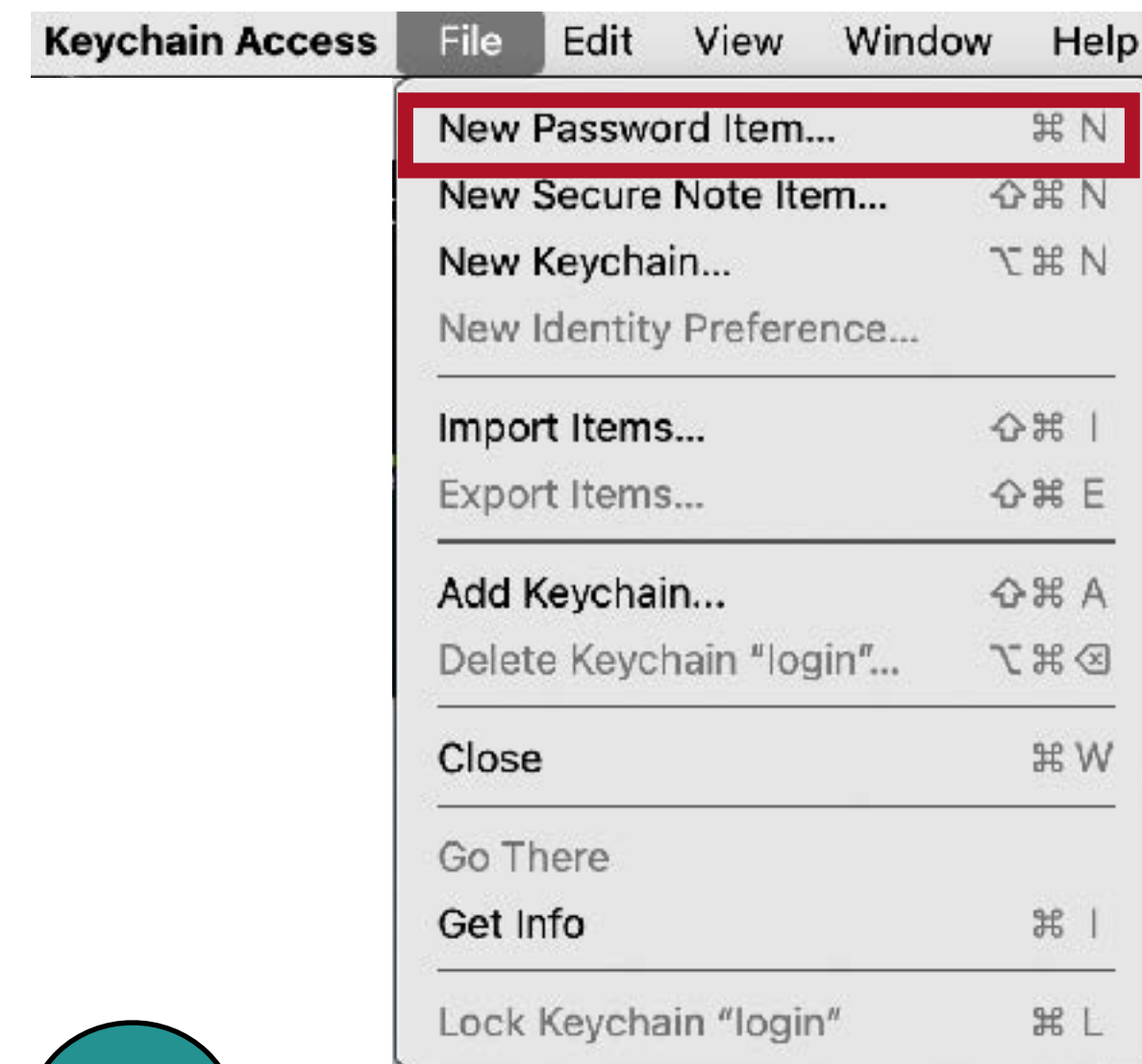


<https://macmost.com/3-ways-to-generate-random-passwords-on-a-mac.html>



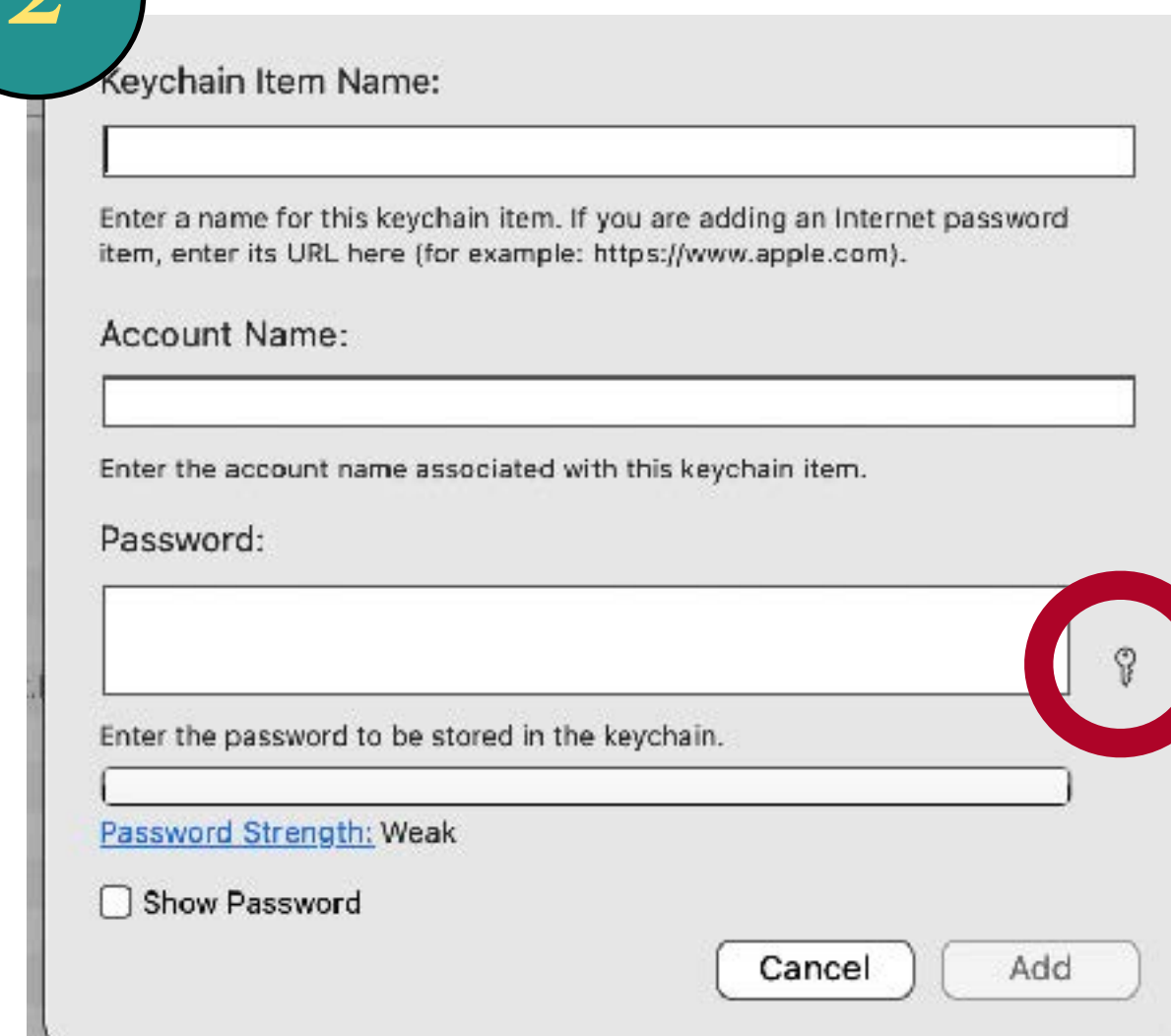
# How to Generate a Password in Keychain Access

1



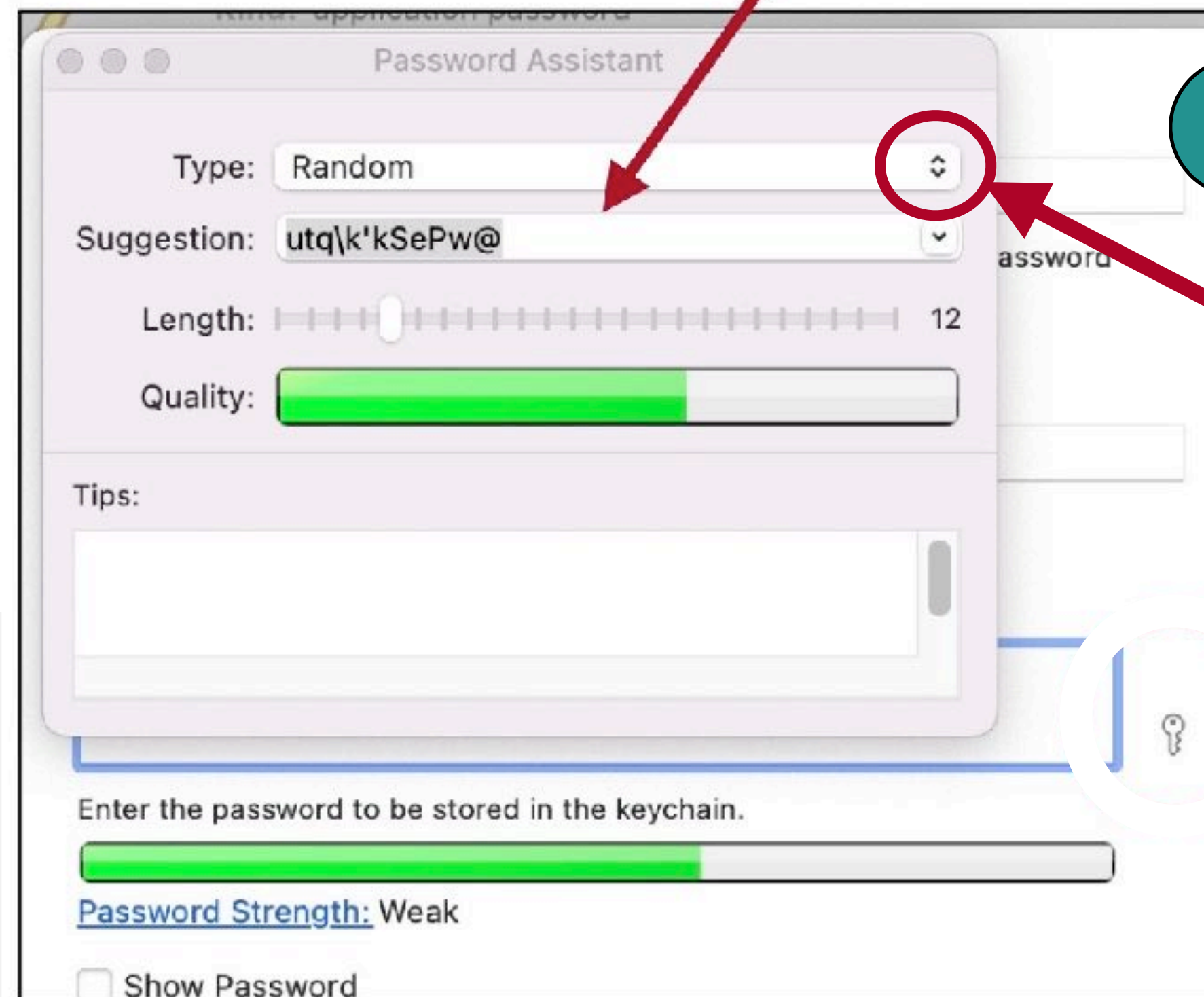
Open Keychain Access  
File > New Password Item

2



KEY icon

3



Click on the small key icon

Decide the type of password:

- Letters and Numbers
- Numbers Only
- Random
- FIPS -181 compliant

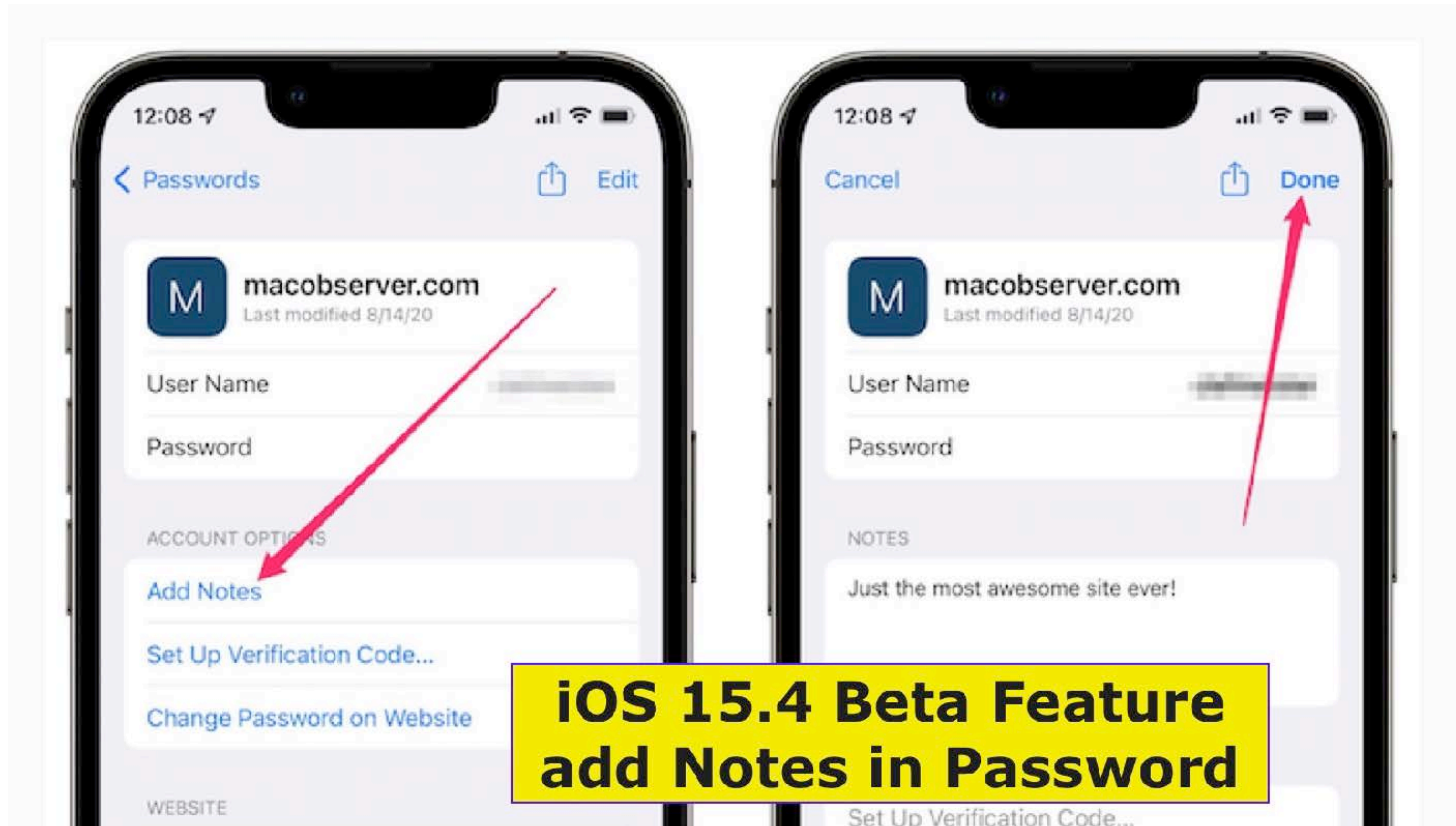
Copy and paste what you generated





In the very near future...

Likely with the next update to iOS 15.4 and Monterey ...



# Gift Card Drawing





# This Concludes Keychain Access

## Discussion

