

Cove Apple Club

October 25, 2023

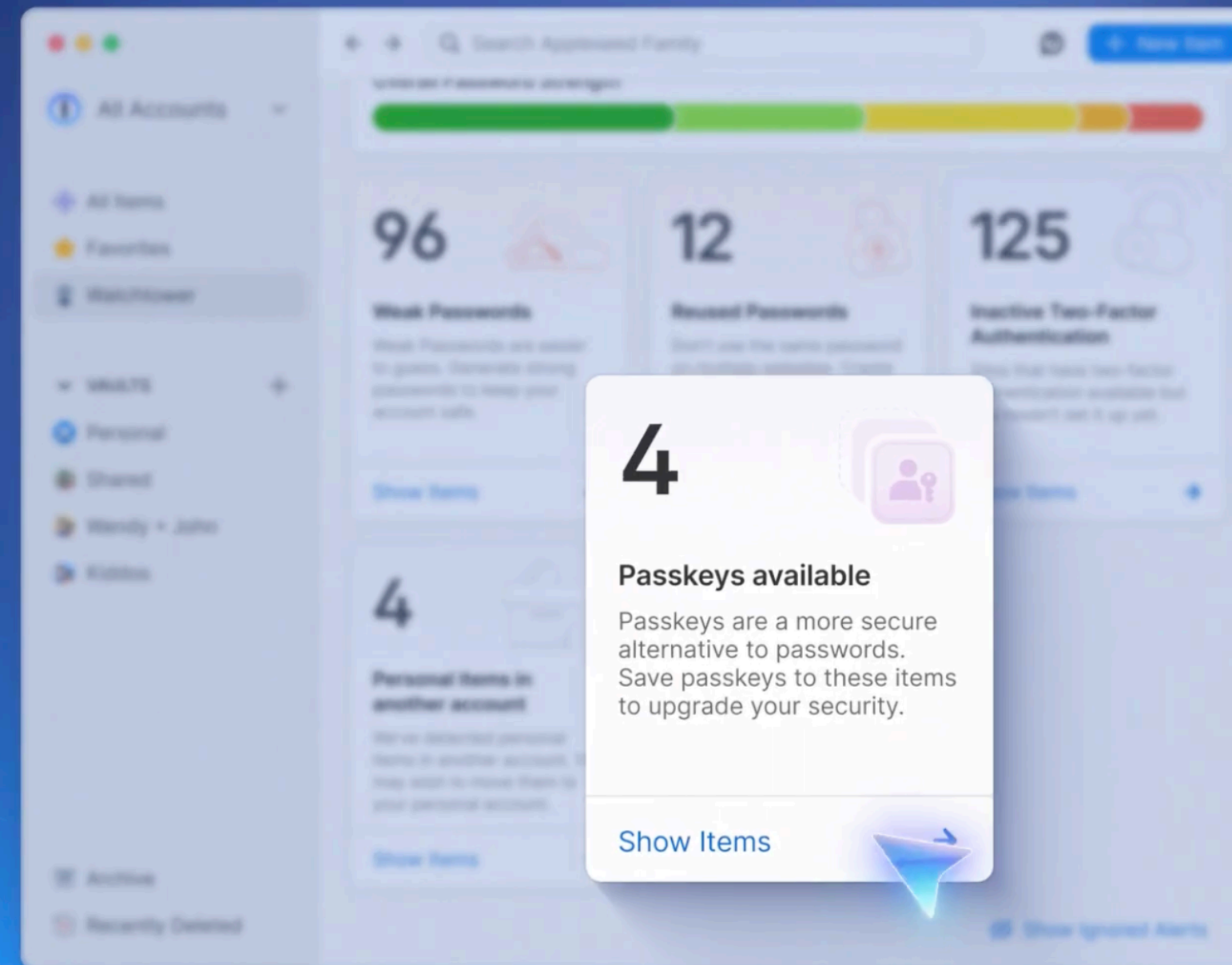
Sign In



Create a passkey?

A passkey for "Wendy Appleseed" will be saved and available on devices where "1Password" is installed.

Continue



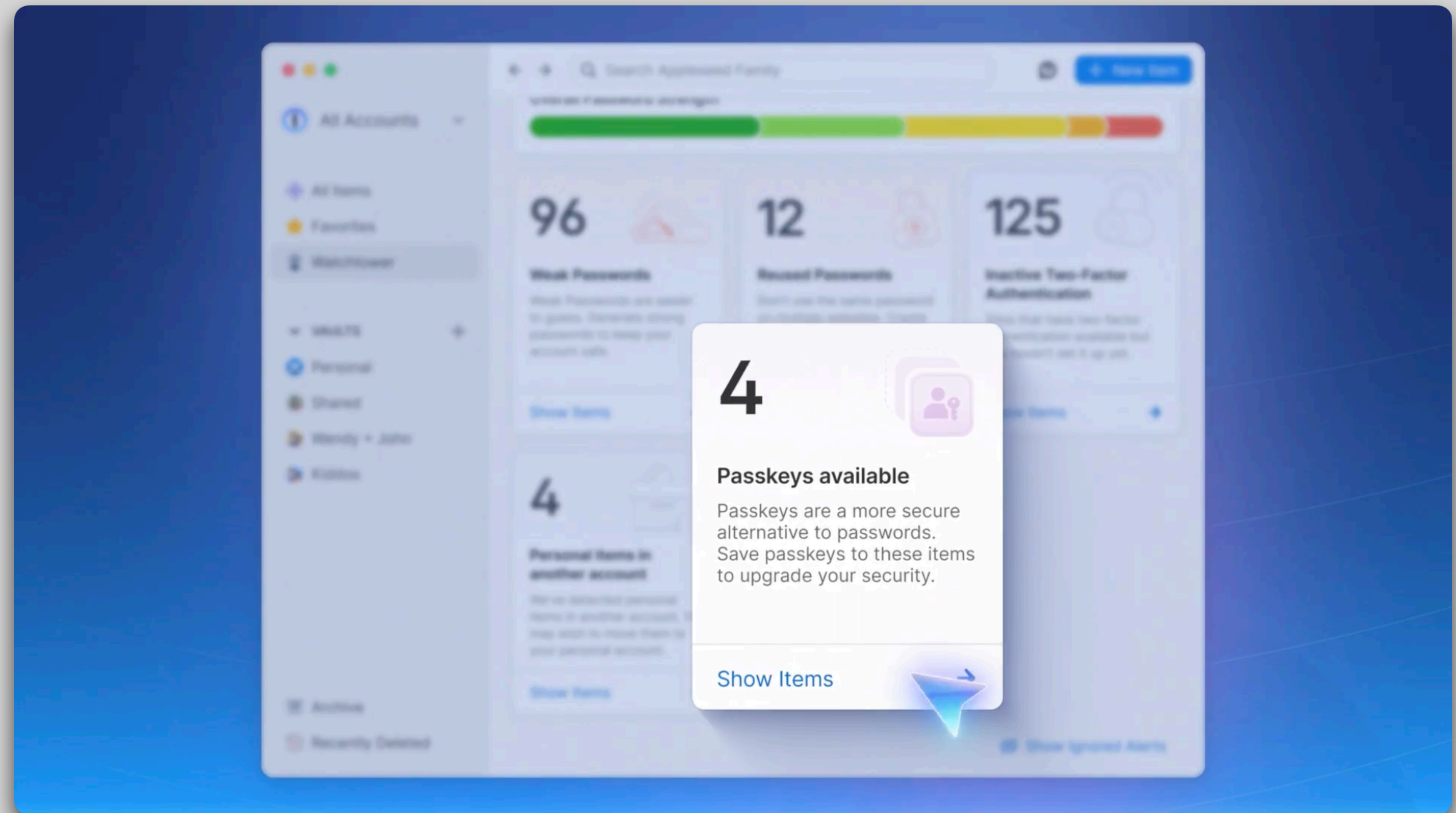
Tonight's Topics

- Passkeys!
 - In iOS & Mac
 - In 1Password
- Coming soon: A Nerd Abroad

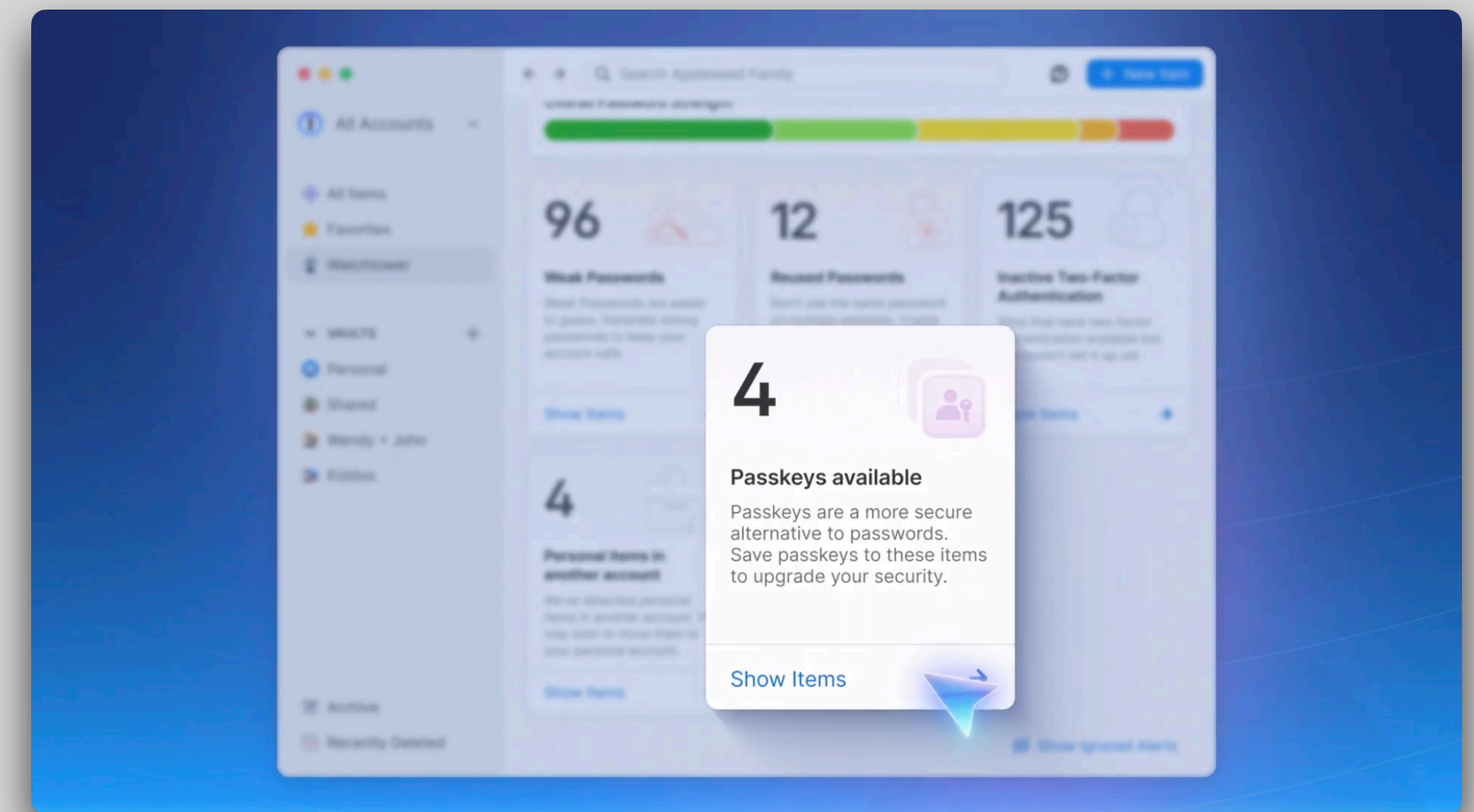
Remember!

- The presentation of tonight's meeting will soon be available to download from our Archives website, in both Keynote and PDF format
- Visit CoveAppleClubArchives.com

Passkeys



Or, how our long national nightmare with passwords might finally come to an end



Passwords

The bane of our existence

- 70-year old “technology” - even older than Yours Truly!
- Universally hated
- Insecure in 1,000 different ways
- Most people ($> 90\%$) have no password management regimen
- Even those of us who do (*ahem*, 1Password), it takes effort + expense to stick with it
- The industry, until now, has done almost nothing to fix it

2FA: putting lipstick on the pig

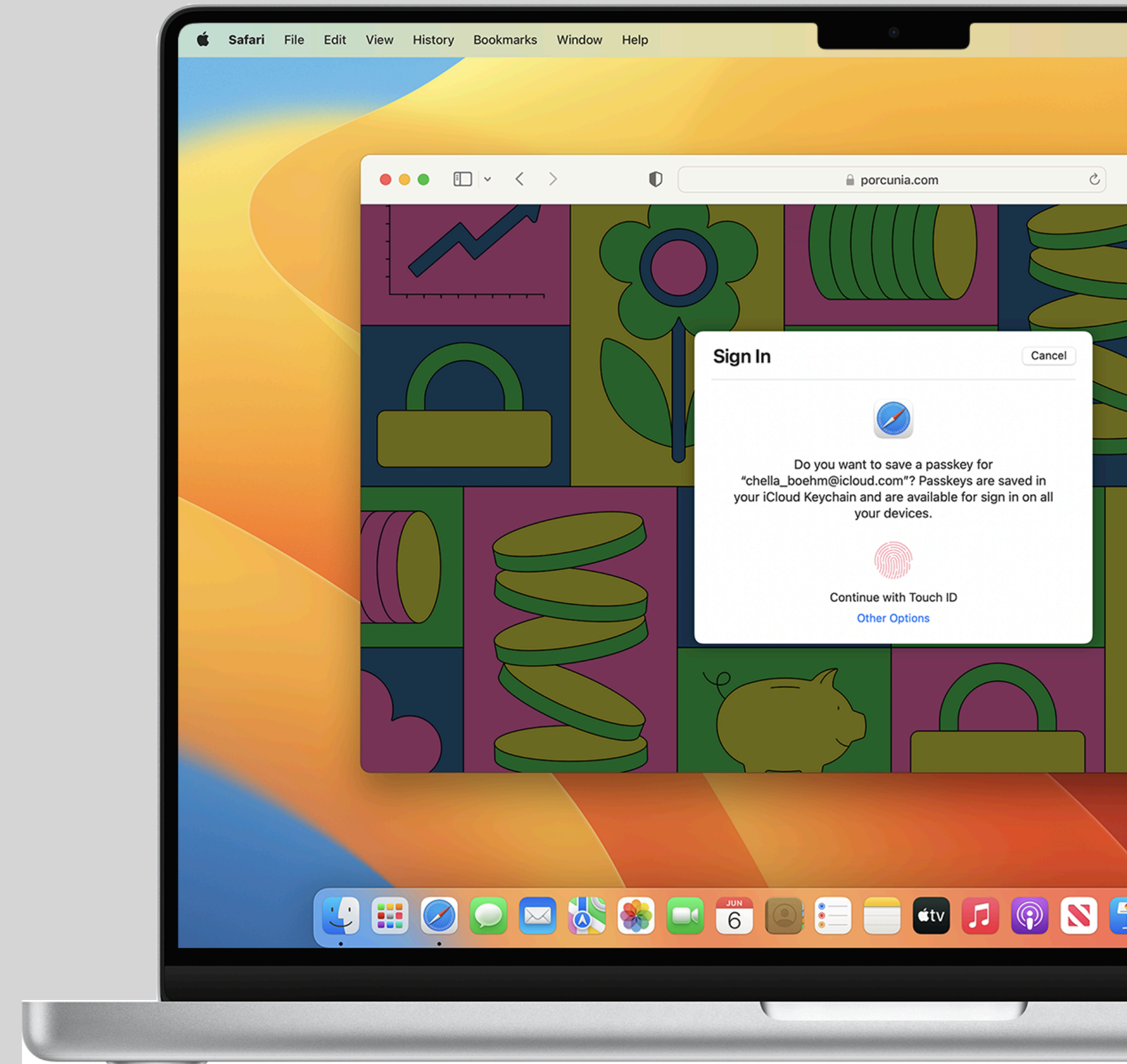
Nice try, but still not great

- 2-Factor Authentication
 - Requires something you *know* (a password), and something you *have* (a physical device)
- Usually a SMS text message code to your phone
 - Susceptible to SMS phishing, SMS cloning, SMS takeover attacks
- Can also use an offline authenticator app, or built-in 2FA authenticator in 1Password
- Best case: still more work, more hassle, larger attack surface for bad guys
- Just a transitional technology until Passkeys became widely practical

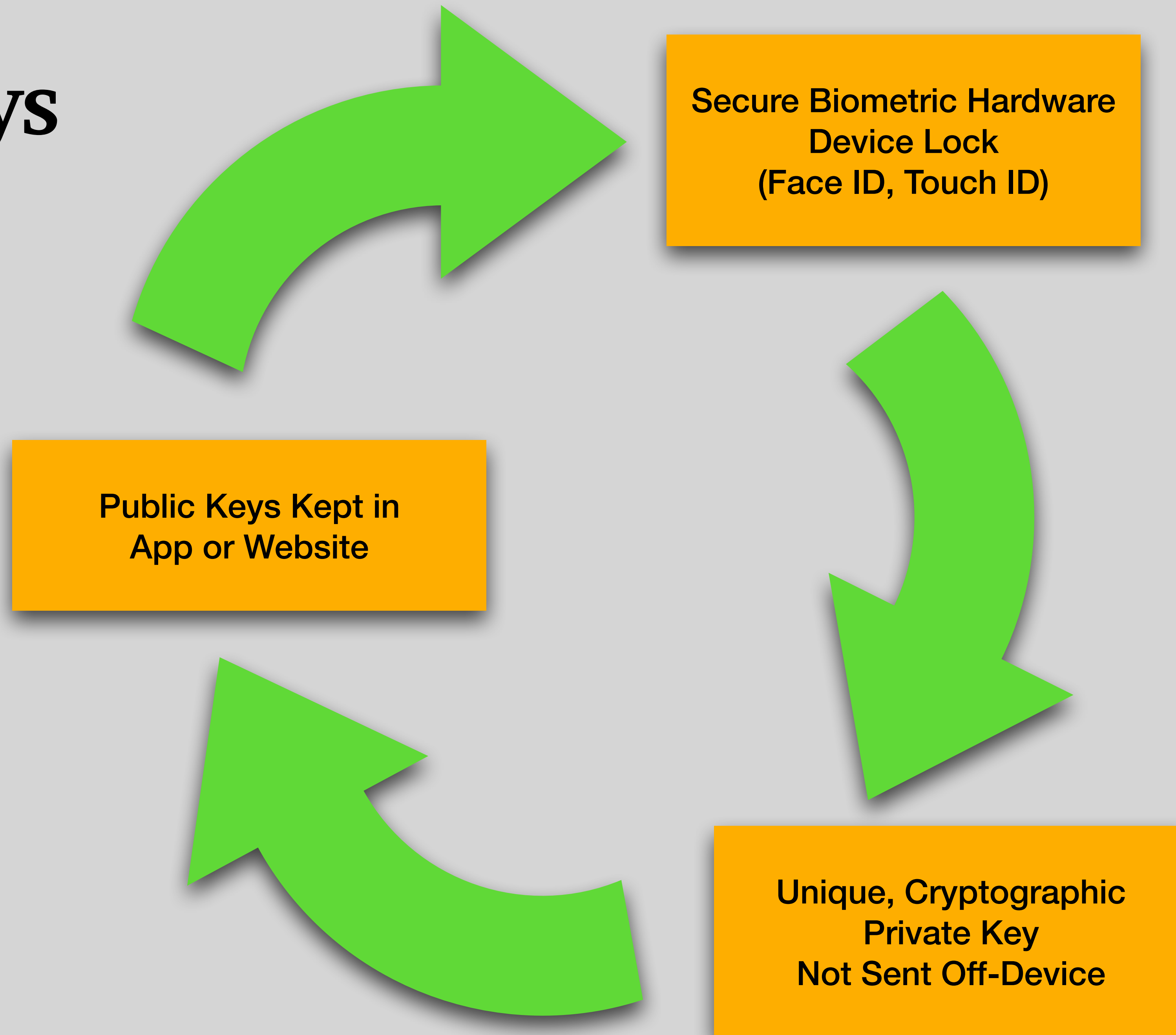
Passkeys

I shall sing for you the song of my people!

- A decade-long industry-wide initiative
- Developed by a huge consortium of industry giants, and the Web standards body, WC3
- Built on secure hardware like Touch ID, Face ID, other biometric security features
- *Secured from all attack vectors that plague passwords and 2FA*



Passkeys



Passkeys

A radical upgrade in security — and easy to use

- No passwords to remember! Your face or fingerprint is your password!
- Since there's nothing to *remember*, there's nothing to *forget*!
- **Nothing new to learn:** one-step passkey creation and sign-in with Face ID or Touch ID, which you already have set up and know how to use!
- Passkeys are synced automatically with iCloud Keychain and/or 1Password
- Works alongside passwords: continue to use passwords on apps & sites not upgraded to passkeys yet; use passkeys where offered

How passkeys are better than passwords

Meet the new hotness

- **Every passkey is unique:** device & app/website combine private and public keys to create a universally-unique, strong passkey
 - Never guessable, and there's no password field to try to brute-force with a “credential stuffing” attack on the website
 - Never re-used, in the dictionary, in a pre-computed password table, or weak
- **Safe from server leaks:** because servers only keep **public** keys, servers are a less valuable target for hackers
- **Safe from phishing:** passkeys are intrinsically linked with the app or website they were created for, so people can never be tricked into using their passkey to sign in to a fraudulent app or website & prevents “social engineering” attacks

How passkeys are better than passwords

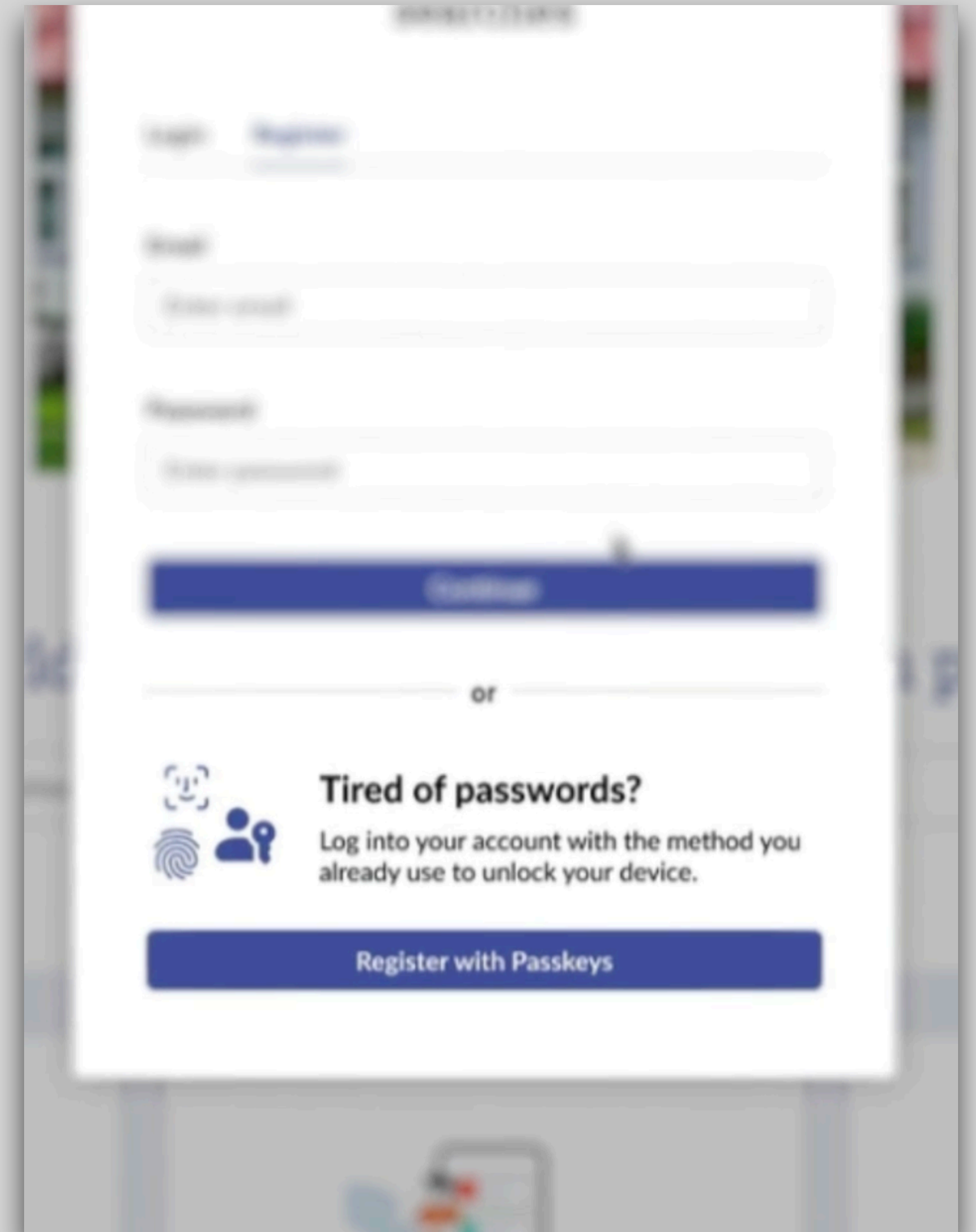
You want this. You just don't know it yet.

- **Secure storage:** In iCloud Keychain and 1Password, passkeys are end-to-end encrypted
 - Face ID or Touch ID acts as the “*bank vault door*,” providing **the only unlock needed** to use passkeys on any app or website
 - Neither Apple or 1Password can read them. Your private key (biometric signature in Face ID or Touch ID) locks them.
- **Private** keys are never sent off-device, and are secured on-device by the Apple Secure Enclave chip
- A passkey ensures a strong, private relationship between a person and your app or website

Passkeys: what's supported

Everything, pretty much

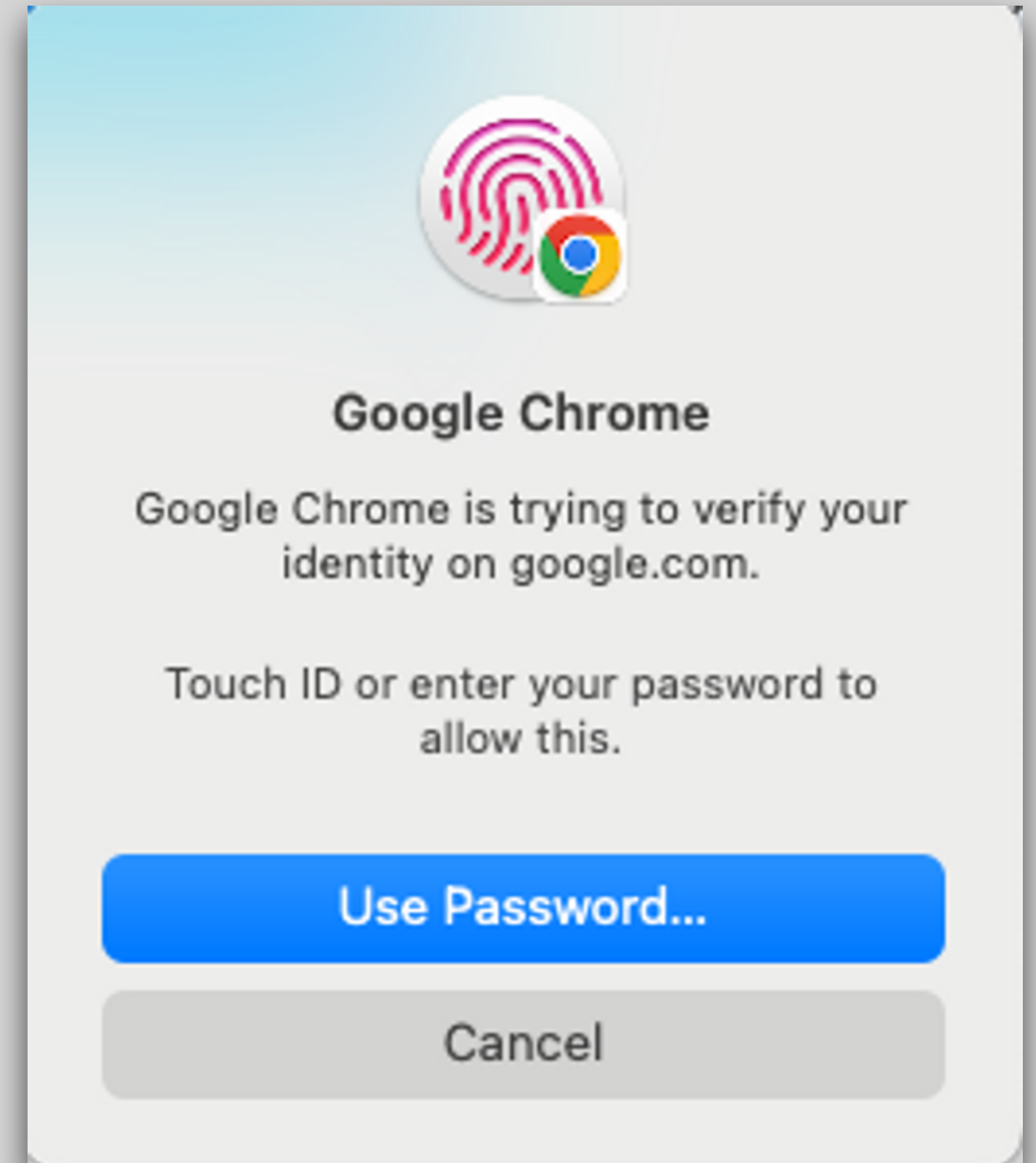
- Passkey support is built-in to the latest versions of:
 - iOS 17 and iPadOS 17
 - Safari on macOS 14 Sonoma
 - 1Password 8 for iOS, iPadOS & macOS
 - Google Password Manager on Android (ugh!)
 - Google Chrome web browser on Windows 10 (ugh!)
 - Microsoft Edge web browser on Mac or Windows (extra steps required)



Passkeys: where they work

A good start, with lots more coming

- Google - go to g.co/passkeys to enable
- Amazon, Uber, CVS, TikTok, Ring, PayPal
- Passkeys.Directory - Online listing of sites / apps with passkey support
- WebAuthn.io - Demo site to test & practice!
- Finance, medical, other high-value “careful!” Sites will be slower to adopt, but they will get there



Passkeys.directory

Passkeys.directory is a community-driven index of websites, apps, and services that offer signing in with passkeys.

Provided by  1Password

Passkeys supported

Vote for passkeys support

NEW

 Search passk

Viewing

All listings



Sort by

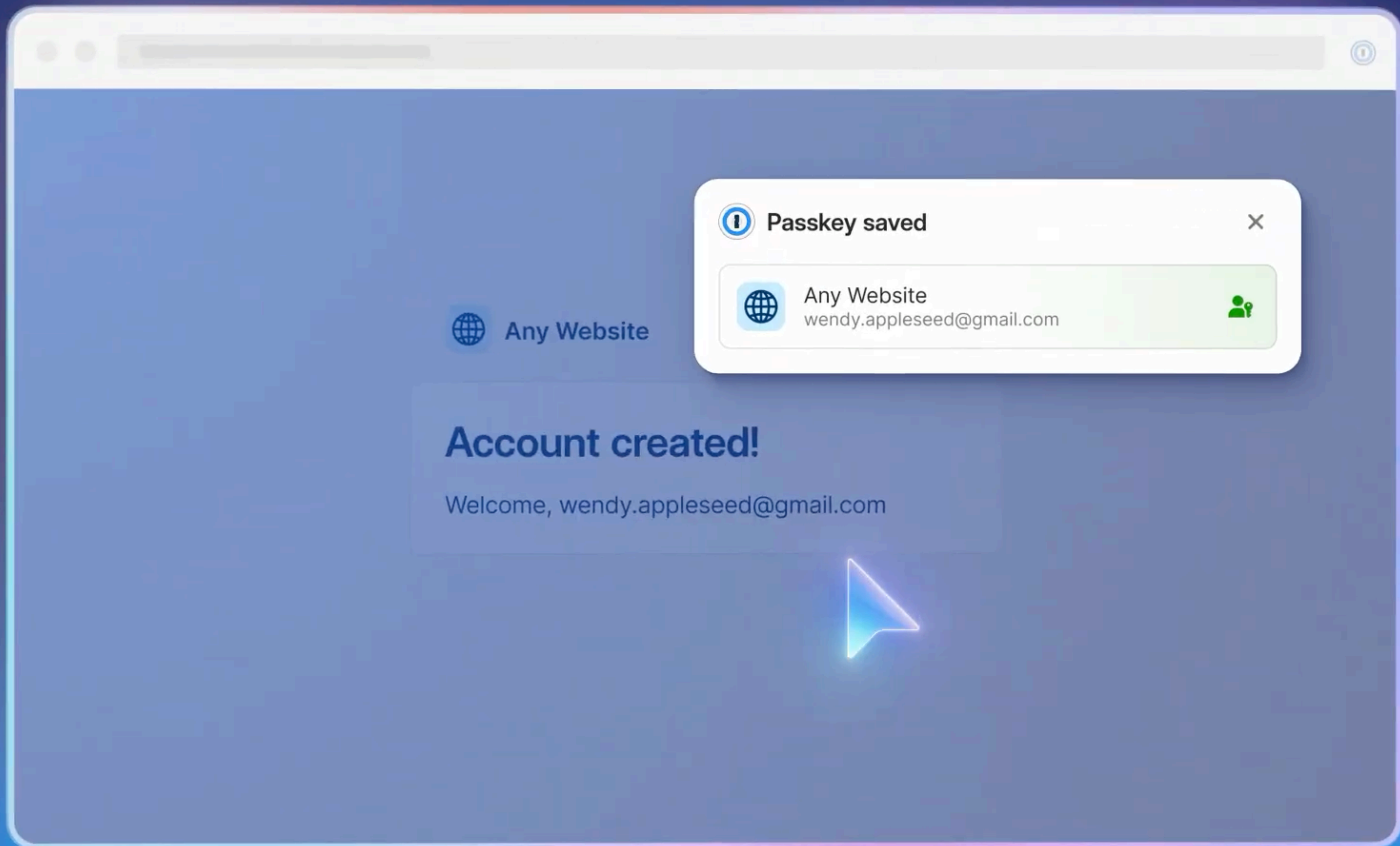
Name




Suggest a missing app or service

Found a website, app, or service that offers passkeys support but isn't on this list? Use the suggestion form to contribute a new listing

[+ Suggest new listing](#)




 **Passkey saved**



Any Website
wendy.appleseed@gmail.com

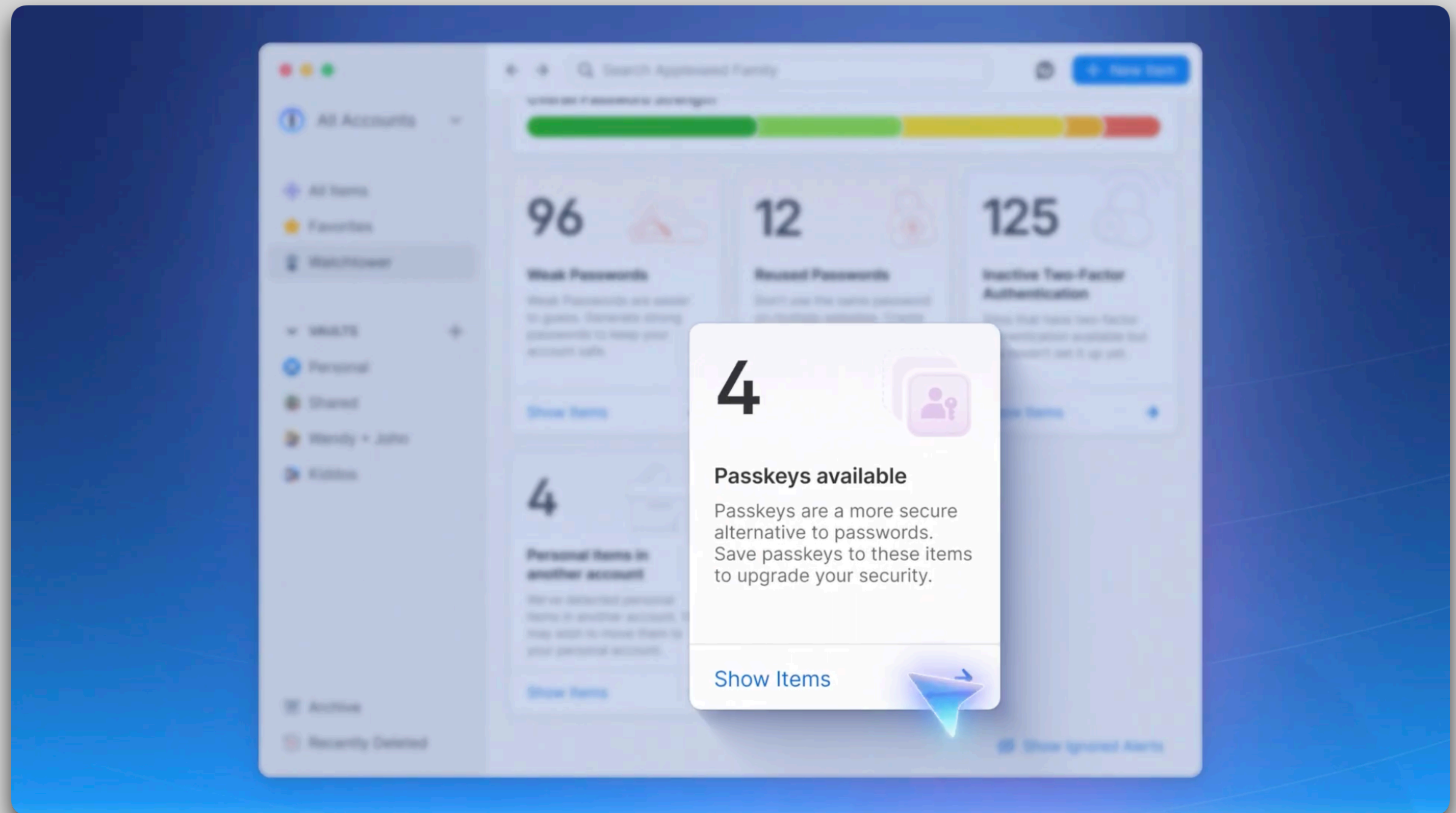


 Any Website

Account created!

Welcome, wendy.appleseed@gmail.com

Demo!



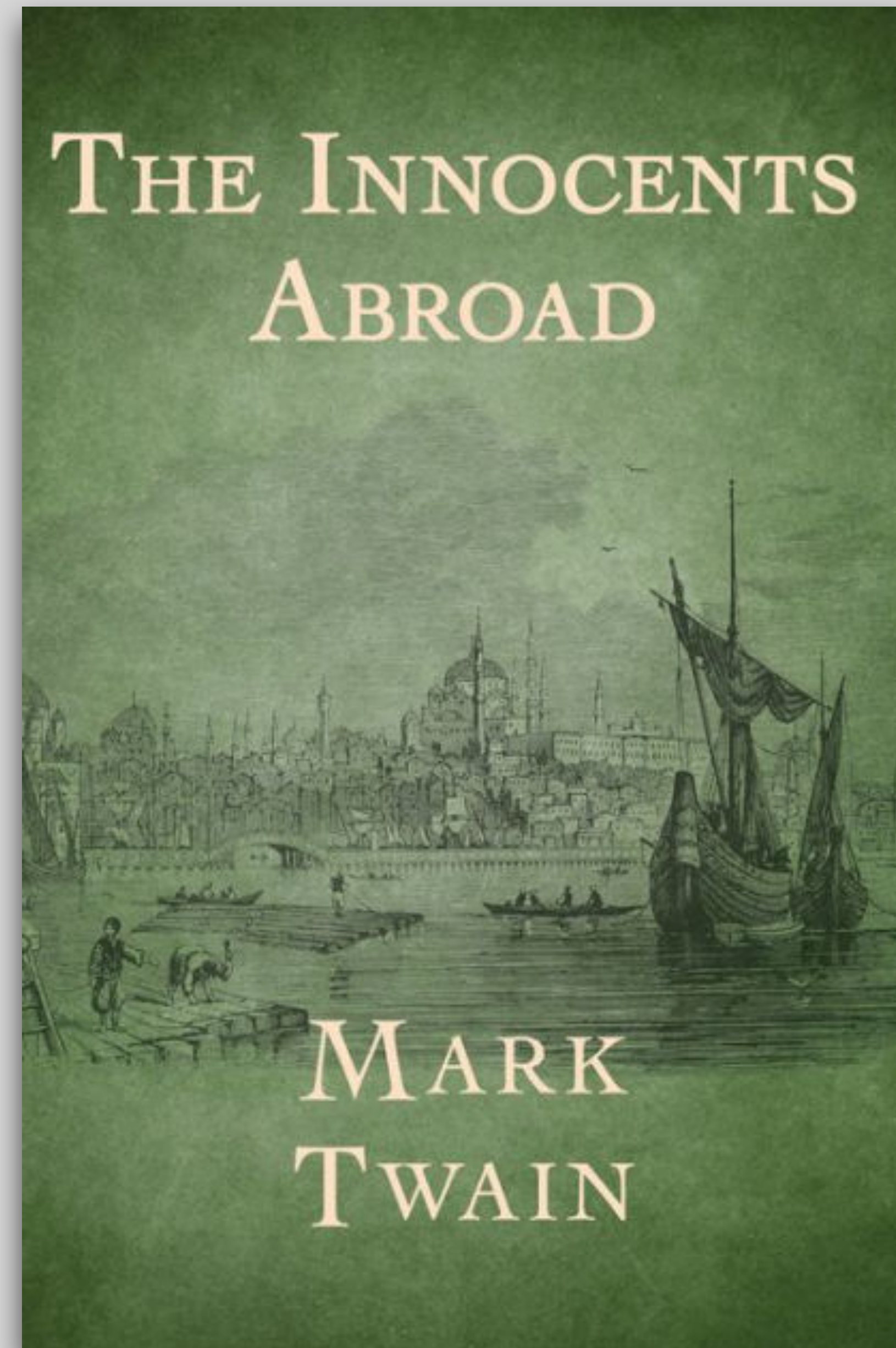
Upcoming meeting dates

All meetings begin at 7pm ET on Wednesday nights

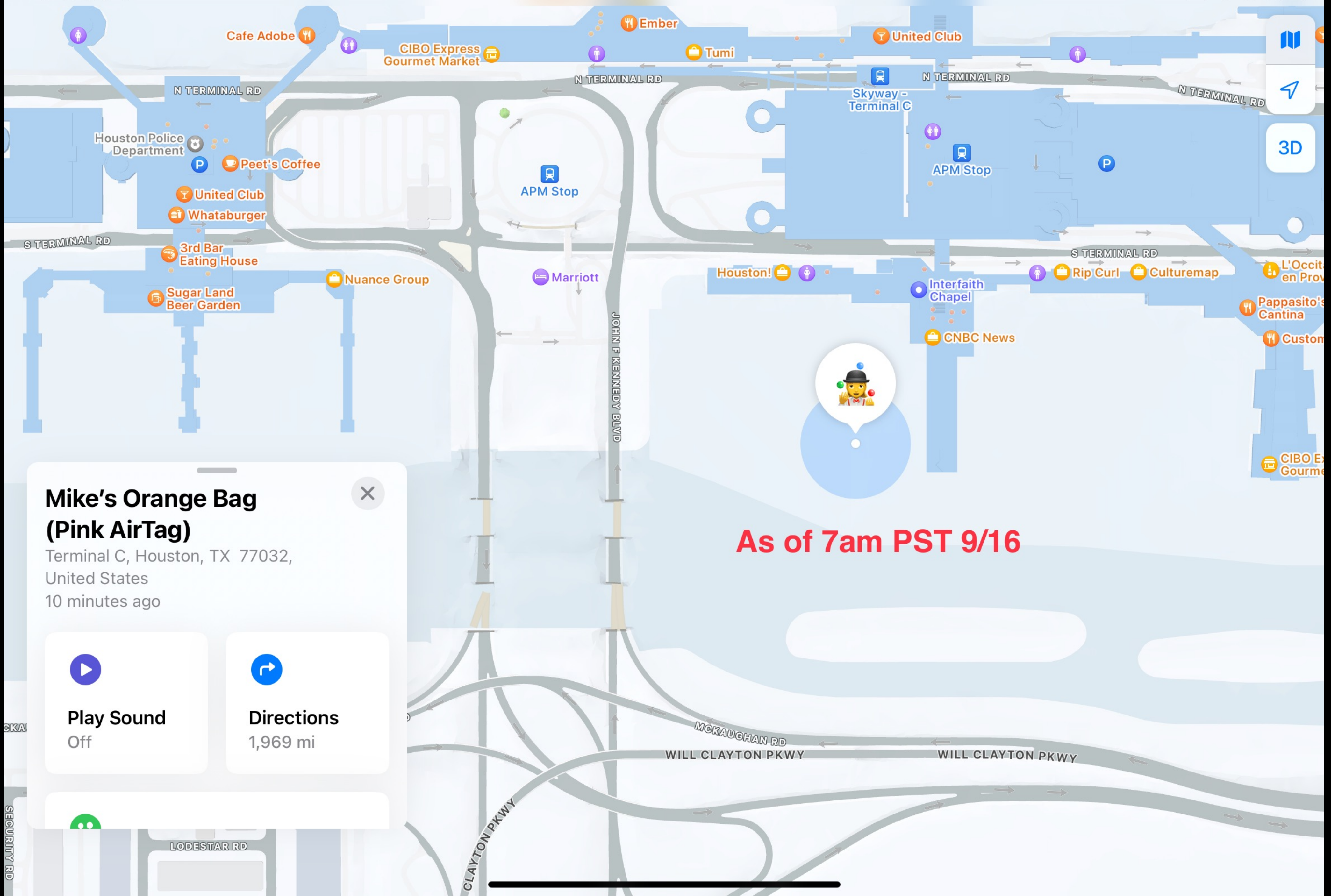
- November 8:
 - How AirTags Saved the Day: A tale of a delayed bag, a seaplane, and a cruise ship
 - A nerd abroad, or cool/interesting/awesome tech Mike noticed on his trip to Japan this month
- November 22 - Nope, Thanksgiving week!
- December 13

A Nerd Abroad: Sneak Peek

With apologies to Mark Twain







Mike's Orange Bag (Pink AirTag)

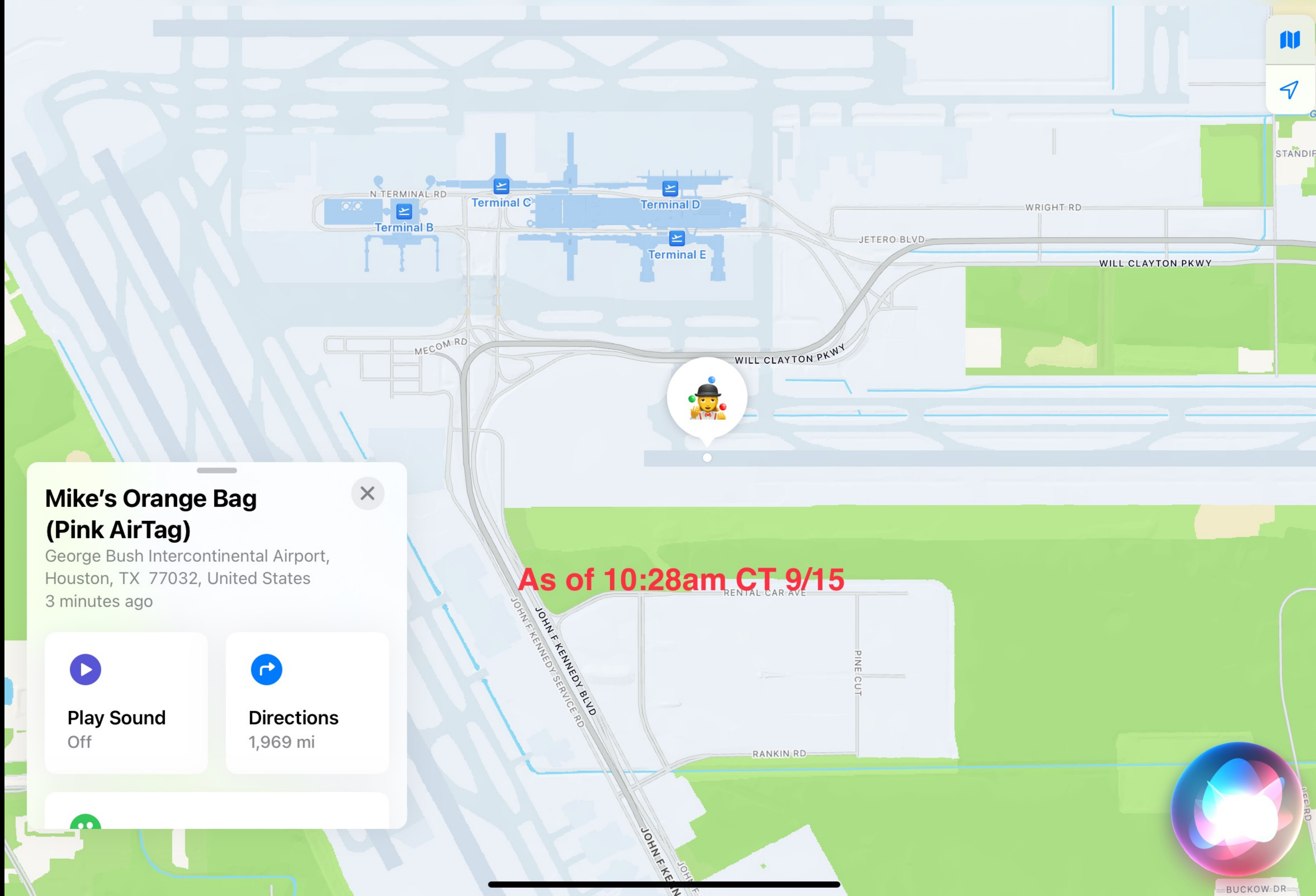
Terminal C, Houston, TX 77032,
United States
10 minutes ago



Play Sound
Off



Directions
1,969 mi



Mike's Orange Bag (Pink AirTag)

George Bush Intercontinental Airport,
Houston, TX 77032, United States
3 minutes ago



Play Sound
Off



Directions
1,969 mi

As of 10:28am CT 9/15

























For Shibuya

Soon

Mitsukoshimae

G
12

Z 09 半蔵門線
Hanzomon Line

三越方面改札
Mitsukoshi District Gate

中央改札
Central Gate

JO JR総武快速線
JR Sobu Line (Rapid service)

室町三丁目方面改札
Muromachi 3 chome Gate



2019 年 1 月現在
as of January 2019

まもなく
三越

こちら側のト

ドア引込まれにご注

3A

3B

スマートフォンを無料で充電いただけます

iPhone

ANKER

2.1A

2.1A



温水便座

温水馬桶座圈

Warm Water Toilet Seat

ガス給湯器

1万
2千円分
ポイントがもらえる

徹底比較

TOTO 温水洗浄便座

選びの
ポイント
温水洗浄便座の
おもな機能

便座あたため 温水洗浄
便座オート開閉
室内暖房
リモコン

坐便器 220v
Toilet Seat

消火用散水

トイレ

ガス

ガス給湯器
お買い替え
ご応募

AEG
ガス給湯器
お買い替え
ご応募

TOSHIBA
省エネ
省エネ基準達成率160%
100v

ウルトラフ
便器もノズル
160
ウルトラフ
100v

排煙口
換気扇
換気扇
換気扇

トイレ
LIXIL
ガス給湯器
お買い替え
ご応募

消火用散水

換気扇
換気扇
換気扇

換気扇
換気扇
換気扇



¥165税込

行き先で、
スポットと
返却！

スマホ充電
レンタル

MOBILE BATTERY RENTAL



QR スキャン & レンタル
Scan the QR to unlock mobile battery.



CHARGE SPOT スマホ充電レンタル



ホテルメトロポリタン 羽田
GRAND OPENING
2023.10.17 Taking off!

「羽」に寄り添う、おもてなし「メ」をテーマに、旅の途中で旅を待てる、旅先を豊かにする、旅の思い出を刻むための「ホテルメトロポリタン」が、羽田にオープンします。最新の設備とサービス、そして、旅の思い出を刻むための「ホテルメトロポリタン」が、羽田にオープンします。

予約電話：03-5944-8889
予約サイト：metropolitan.jp

どこでも
借りられて、
どこでも
返せる

¥165

行き先で、
スポットと
返却！

スマホ充電
レンタル

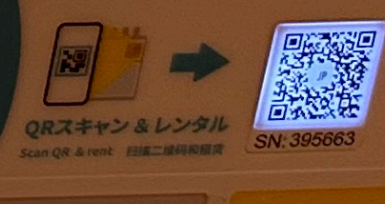
MOBILE BATTERY RENTAL



QR スキャン & レンタル
Scan the QR to unlock mobile battery.



CHARGE SPOT スマホ充電レンタル



B4T HOTEL B4T TABATA JR-EAST
Suicaで泊まる

ホテルB4T田端
2023.11/17 GRAND OPEN

旅の移動も、宿泊も、いつものSuicaで。旅の思い出を刻むための「ホテルB4T」が、田端にオープンします。

どこでも
借りられて、
どこでも
返せる





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