

Digital Connect

Mentor Upskill Training

Password Management

3 July 2025

Agenda

- Why do we need to manage passwords?
- What is a Password Manager
- Password vs Passkey
- Apple and Android password managers
- Practice!
- Things to remember
- Resources
- Discussion

Why do we need to worry about Passwords?

Passwords are the primary method of **securing access to our digital lives**

It's crucial to treat them with care because compromised passwords can lead to serious consequences, including identity theft, financial loss, and reputational damage.

Weak passwords or reused passwords across multiple sites make it easier for malicious actors to gain unauthorised access to personal information, accounts, and devices.

Password Managers

What is a password manager?

A password manager is a tool that **securely stores and manages your passwords and other sensitive login information, allowing you to easily access them across your devices and apps.**

It helps you avoid the hassle of remembering multiple complex passwords and improves your overall online security.

So why use a password manager?

- Stores passwords securely
- Auto-fills login information
- Generates strong passwords
- Manages passkeys
- Syncs across devices
- Provides security alerts



Password vs Passkey

Passkeys explained

Let's take a look

Chrome - <https://www.youtube.com/watch?v=2xdV-xut7EQ>

Microsoft

<https://www.youtube.com/watch?v=bdp8RdjV6PU>

What is a passkey?

A passkey allows you to sign in to an account on a website or app without having to enter a username or password or use multi-factor authentication.

Instead, it uses the same technology you use to unlock your device with a PIN, your fingerprint or face recognition, to access your account

How do passkeys work?

Think of passkeys as a pair of keys. One is a private key stored securely on your device or password manager, while the other is a public key held by a company's website or app.

Your passkey acts as an authenticator that proves you are who you say you are. It can be stored on your smartphone, computer or tablet or a [password manager](#), including built-in versions like iCloud Keychain on Apple devices or Google Password Manager on Android.

When you sign in to a website or app the two keys 'talk' to each other to verify your identity, when there's a match they allow you access to your account.

Benefits of passkeys

Passkeys combat some of the frustrations that come with passwords, including having to create or memorise passwords each time you want to access your online accounts. Password managers are designed to help with this and are a secure option, however with passkeys no passwords are required and they're not shared with the website or app you're accessing.

One of the biggest benefits of passkeys is they are more secure than passwords. That's because passkeys only work with the website or app they've been created for, meaning they won't work with fake websites that try to capture your sign in credentials.

Passkey vs Password

Passkey	VS	Password
Automatically generated		User generated
Phishing resistant		Susceptible to phishing threats
Can't be easily compromised		Easily compromised if they're weak
Only supported on a few websites currently		Supported on all websites

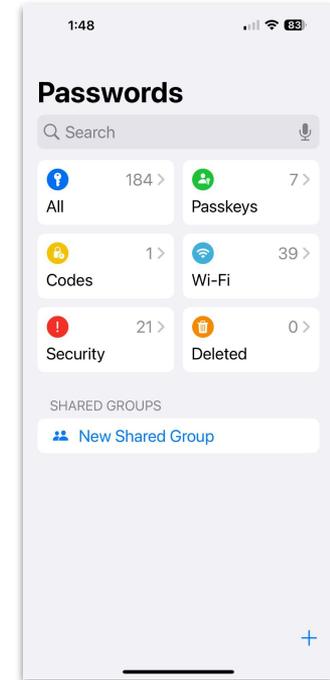
Password Managers
available on your mobile device

Apple

Passwords App previously known as 'keychain' in the Settings menu.

Some areas to get familiar with:

- Passwords app
- Settings > Apps > Passwords
- Settings > General > Autofill & Passwords
- Settings > Apple Account/ID > iCloud



Android

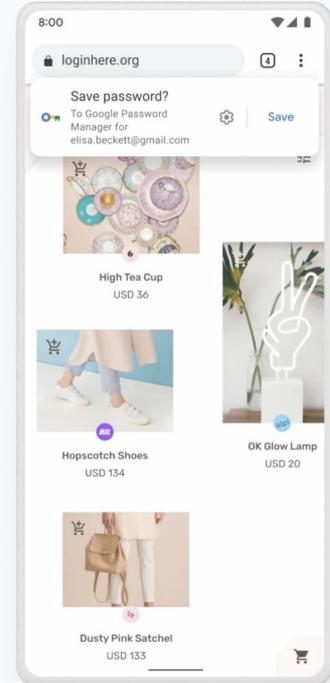
Password manager within the Chrome app

Use the 3 little dots to access the 'Google Password Manager' - usually in the top right of your screen

<https://passwords.google/>

Passwords made effortless

Sign in to sites and apps on any device, without needing to remember or reuse passwords. Google Password Manager is built in to Chrome (on all platforms) and every Android app.

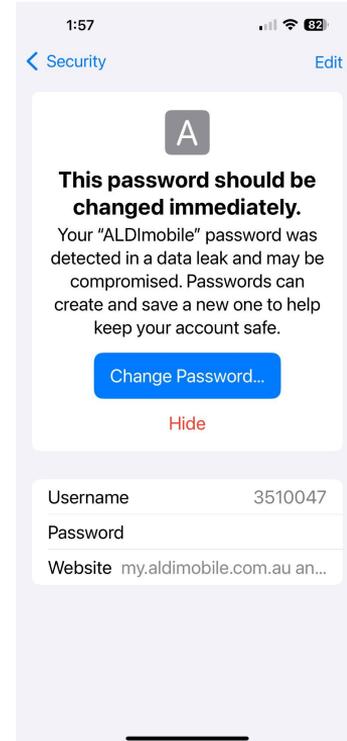
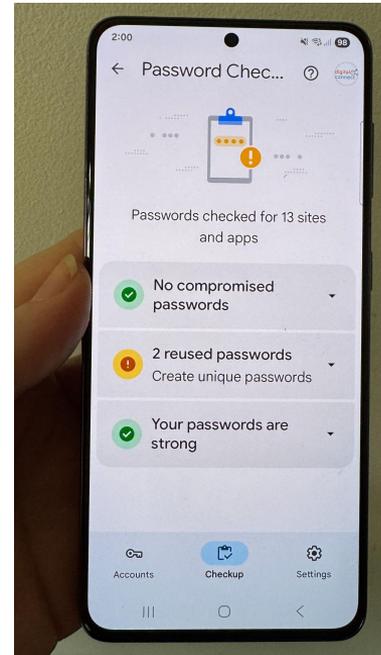


Let's practice!

Things to remember

Common challenges / barriers

- Resistance to change
 - Security concerns
 - Fear of setup / process
 - Password check up / alert prompts
- change on website - can be complicated



Before we tackle Password Managers next month

- Passwords are a sensitive topic
- Password management is complicated - remember the 'frog'
- What works for learners is ok. Our role is to build awareness and confidence.
- Explain benefits / compared to what
- Security concerns / scam prevention
- Be comfortable with your own process / phone
- If you aren't sure, ask!

Resources

Be Connected:

<https://beconnected.esafety.gov.au/topic-library/advanced-online-security/managing-passwords>

<https://beconnected.esafety.gov.au/topic-library/articles-and-tips/how-to-create-a-passkey-in-mygov>

Apple Passwords App: <https://support.apple.com/en-au/120758>

Google Password Manager: <https://passwords.google/>

Passwords vs passkeys:

<https://nordpass.com/blog/passkey-vs-password/>

https://www.youtube.com/watch?v=QYdHm7zoF_M

<https://www.youtube.com/watch?v=bdp8RdjV6PU> Microsoft - simple explanation 3:54

<https://www.youtube.com/watch?v=SF8ueIn2Nlc> Chrome - passkeys simply explained

Discussion Time