



Connected HHI









Pass Keys - Next Gen Security / Authentication

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Presentation Flow

-  Terminology
-  Background
-  Current State
-  What's Next
-  Q&A
-  *Full presentation available for download

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Terminology



Pass Keys



Multi-Factor
Authentication
(MFA)



One Time
Passcodes (OTP)



Security Key



Authenticator
Apps



Biometrics

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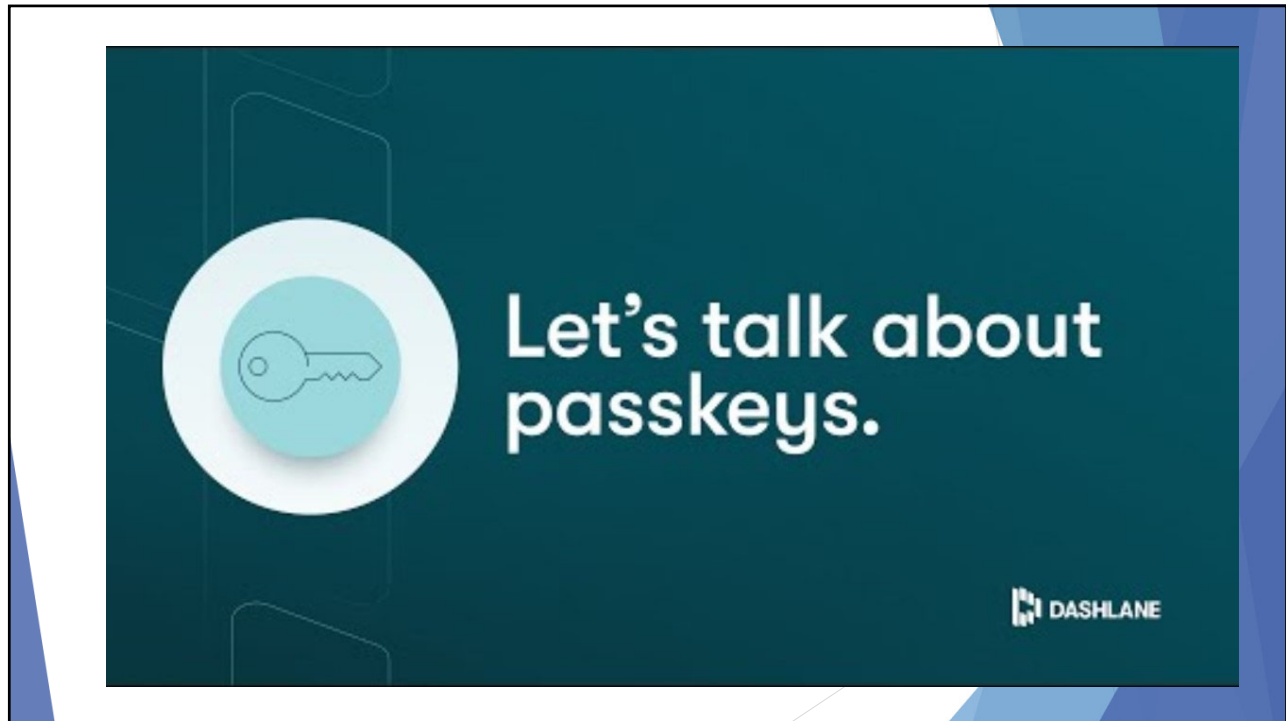
What are Passkeys?

F ufxxpj~ x f inlyfghwjijsyfdlyji yt f zxjwfhhhtzsyfsi
f | jgxyj twfuuqhfyt3Ufxxpj~x fqt | zxjw yt
fzjmsyhfj | nmtzmf{rs1 yt jsywf zxjwsfr j tw
ufxx| twiltwut {nij fs~ fiinytsfzfzjmsyhfjts kfhyt8

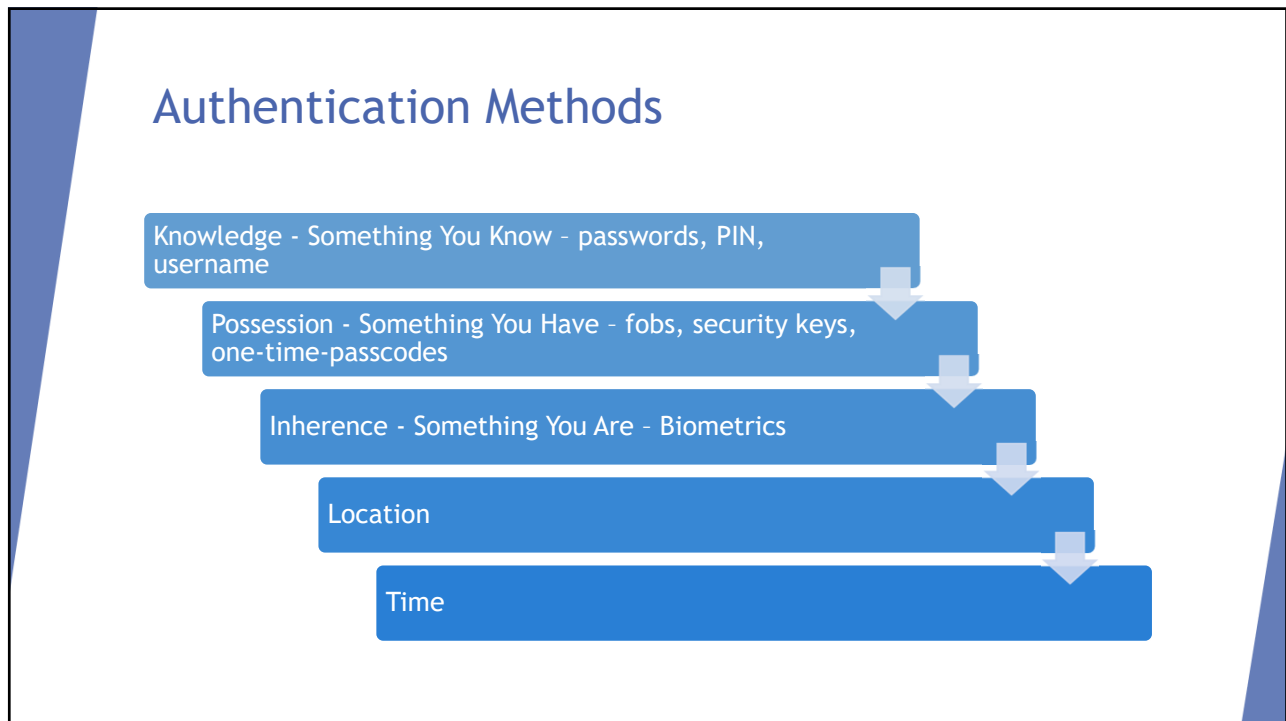
Ymx yjhmstql~ fr x yt wjufhj gjlfh~ fzjmsyhfjts
r jhmfsxr x xzhm fx ufxx| twix3

/lt1g3tr 4ijsy-4ufxxpj-x


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Using Passkeys

```
\ mjs f zxjw | fsyx yt xrls rs yt f xjw{rhj
ymfyzxjx ufxxpj ~xlymjnrgwt | xjwttw
tujwfyrl x~xyjr | rnmjq ymjr xjgjhyfsi
zxj ymj wlmfyufxxpj ~3Ymj j}ujwjshj rx
xnr rfwyt mt | xf{jf ufxx | twix | twp
ytif~3

Yt r fpj xzjw tsg ymj wlmkzqt | sjwhfs
zxj f ufxxpj ~lymj x~xyjr | rnfxp ymjr yt
zsqhpymjwjj {rhj3Ymx r f~gj ujwttw ji
| nym f gtr jyw xjsxtw-xzhm fx f
ksljwwsytwkwfhrfqwjhtlsnrt s .IUNS ltw
ufyjws3
```

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Passkey Adoption - Early Stage

- ▶ Mobile Devices and Apps lead the way
- ▶ Biometrics enable easy entry for mobile apps
- ▶ Microsoft is pushing hard, especially in commercial and government accounts
- ▶ Browser enhancements are allowing websites to add passkeys
- ▶ Password managers are adding passkey management
- ▶ Apple is enabling user authentication via biometrics for iOS and MacOS apps but not yet for Mac or iOS access without entering a password for initial access

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Managing Passkeys in Chrome

Store passkeys in Windows

If you have Windows 10 or up, you can use passkeys. To store passkeys, you must set up Windows Hello. Windows Hello doesn't currently support synchronization or backup, so passkeys are only saved to your computer. If your computer is lost or the operating system is reinstalled, you can't recover your passkeys.

To use passkey management and passkey autofill, your computer must have Windows 11, version 22H2 or later.

Manage passkeys in Windows

On your computer, open Chrome.

Select More More and then Passwords and autofill and then Google Password Manager.

On the left, select Settings and then Manage passkeys.

Tip: "Manage passkeys" only shows when one or more passkeys have been created.

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Using a Password Manager to Manage Passkeys

- ▶ LastPass - <https://www.androidpolice.com/lastpass-passkey-create/>
- ▶ Dashlane - <https://www.dashlane.com/passkeys>
- ▶ Apple Keychain - <https://support.apple.com/guide/iphone/use-passkeys-to-sign-in-to-apps-and-websites-iphf538ea8d0/ios>

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Take Aways

- ▶ Be on the lookout for Passkey setup options when you are adding applications or after an update
- ▶ Passkeys are generated and stored by your application or device. You won't see them and you can't change them.
- ▶ If you are using passkeys on your phone, make sure the keep your phone safe and **BACK IT UP**
- ▶ Don't even think about using passkeys if your phone, tablet, and computer are not password or biometrically secured!!

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Resources

- ▶ TechTarget - <https://www.techtarget.com/whatis/definition/passkey>
- ▶ Apple - <https://support.apple.com/en-us/102195#:~:text=Passkeys%20are%20a%20replacement%20for,more%20convenient%20and%20more%20secure.>
- ▶ Microsoft - <https://learn.microsoft.com/en-us/windows/security/identity-protection/passkeys/?tabs=windows>

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Q&A



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