

Passwords: Gone in 60 seconds



**Yariv
Levavi**

Senior Product Manager

Ping Identity



**John
DaSilva**

Principal Technical Architect

Ping Identity



WHERE ARE MY PASSWORDS?

HISTORY LESSON

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- First digital Password created on
 - MIT computer science professor
 - A giant time-sharing computer
 - Several users with private access terminals
- In 2003 the National Institute of Standards and Technology (NIST) proposed a new system for creating passwords that were harder to guess



HISTORY LESSON

- The first password theft was on
- On 2017 Verizon Data Breach Investigation Report showed that 81% of data breaches resulted from stolen or compromised passwords
- Today each person has passwords



HISTORY LESSON

Password *

Password strength: Weak



ENTERING THE NEXT LEVEL

FUTURE STARTS HERE

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- The “problems” administrators see:
 - Where do I start?
 - How do I deploy it?
 - What is the right way to do it?

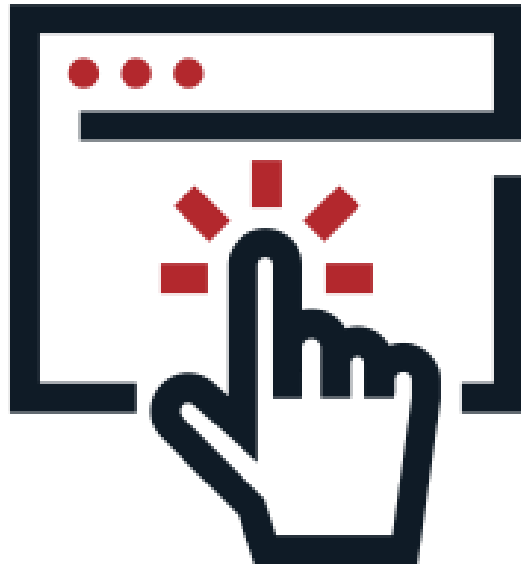


FUTURE STARTS HERE

- What if we tell you that moving away from passwords is easy?
- And that there are many out-of-the-box options you can use
- And that creation of a new environment + configuration for a demo can take a couple of hours?



FUTURE STARTS HERE



See for yourself...

WHAT WE ARE GOING TO SHOW

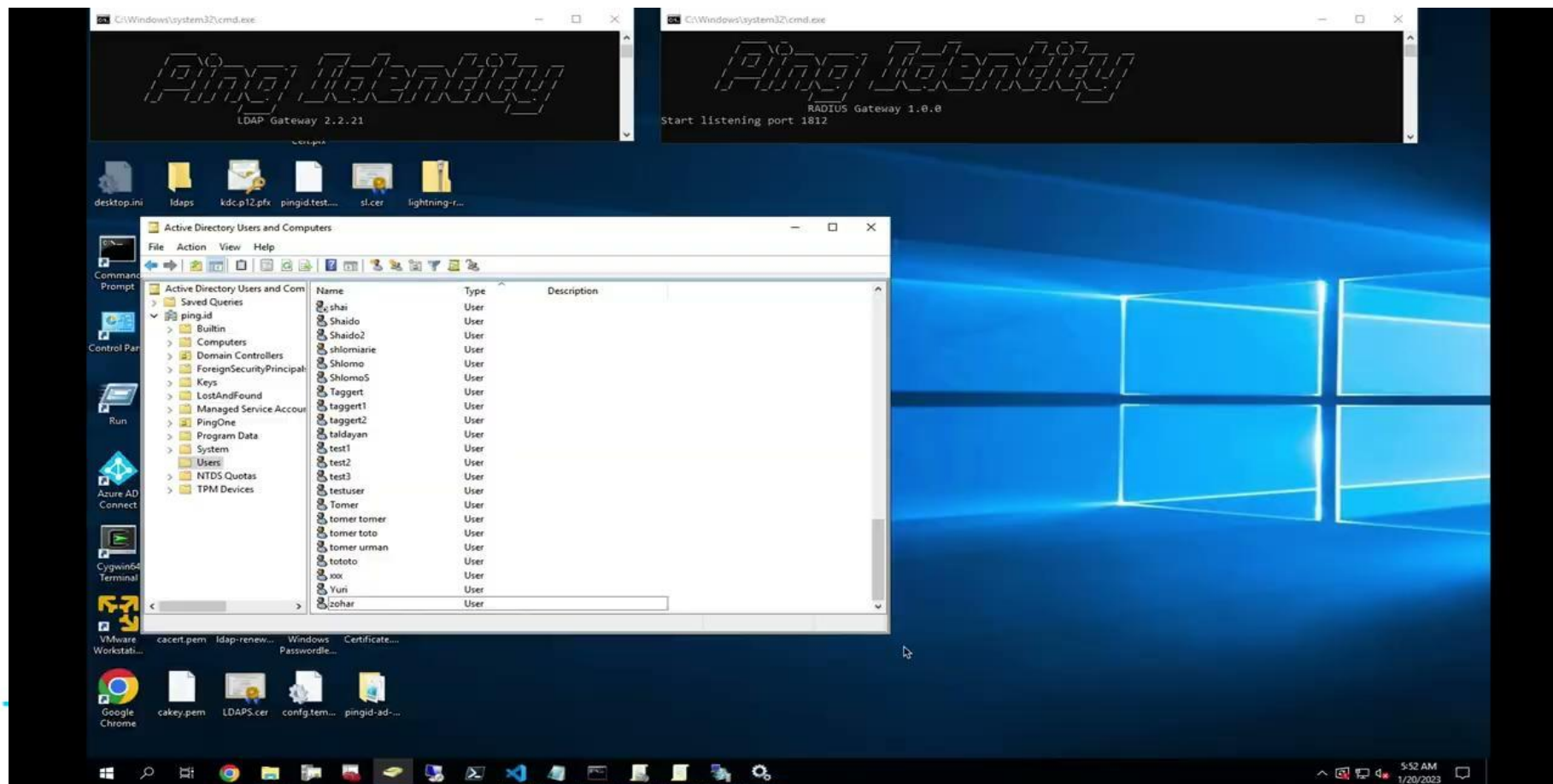
1 New employee onboarding

1. Sending an email with a token
2. Verify the employee's identity
3. Pairing authentication method
4. Pairing a secondary authentication method

2 Accessing company resources

1. Windows Login Passwordless
2. Passwordless authentication to the application portal

FUTURE STARTS HERE



FUTURE STARTS HERE

- A few important notes:
 - The world is not ready (yet) to abandon all Passwords
 - PingID and DaVinci integration still has limitations
 - Moving to Passwordless is a journey
 - Innovations related to Passwordless are still in process





SOMEONE SAID PASSKEY?

CONSUMERS PASSWORDLESS JOURNEY

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- Passkeys are a joint initiative of Apple, Google, and Microsoft
- Announced and released during end of last year
- The end goal is - making proven web API WebAuthn usable in consumer scenarios



CONSUMERS PASSWORDLESS JOURNEY

Passkey

/ˈpas,kē/
noun

Passkeys are a password replacement that provide faster, easier, and more secure sign-ins to websites and apps across a user's devices.

FIDO Alliance



CONSUMERS PASSWORDLESS JOURNEY

- A passkey is a digital credential, tied to a user account and a website or application
- Passkeys allow users to authenticate without having to enter a username, password, or provide any additional authentication factor

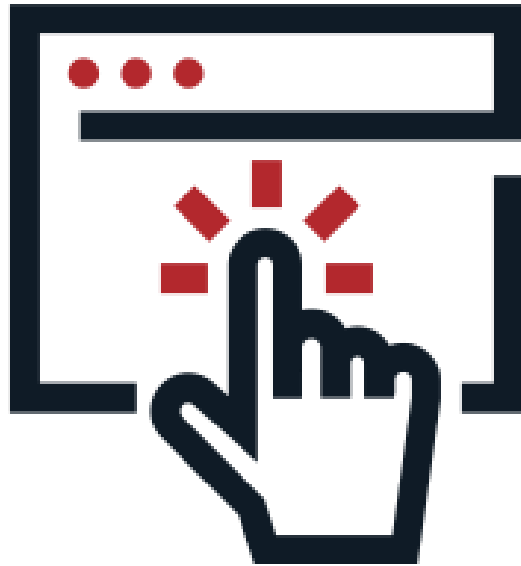


CONSUMERS PASSWORDLESS JOURNEY

Capability	Android	Chrome OS	iOS/iPad OS	macOS	Ubuntu	Windows
Passkeys	✓ Android 9+	📅 Planned ¹	✓ iOS 16+	✓ macOS 13+ ²	✗ Not Supported	📅 Planned ¹
Browser Autofill UI	✓ Chrome	📅 Planned	✓ Safari Chrome Edge Firefox	✓ Safari Chrome ²	✗ Not Supported	✓ Chrome ³
	📅 Edge			📅 Edge		📅 Edge Firefox
	✗ Firefox			✗ Firefox		
Cross-Device Authentication Authenticator	✓ Android 9+	✗ Not Supported	✓ iOS 16+	✗ Not Supported	✗ Not Supported	✗ Not Supported
Cross-Device Authentication Client	📅 Planned	✓	✓ iOS 16+	✓ macOS 13+	✓ Chrome Edge	✓ Chrome Edge 📅 Firefox Windows apps

More information is available at <https://passkeys.dev/>

FUTURE STARTS HERE



A first glance...

WHAT WE ARE GOING TO SHOW

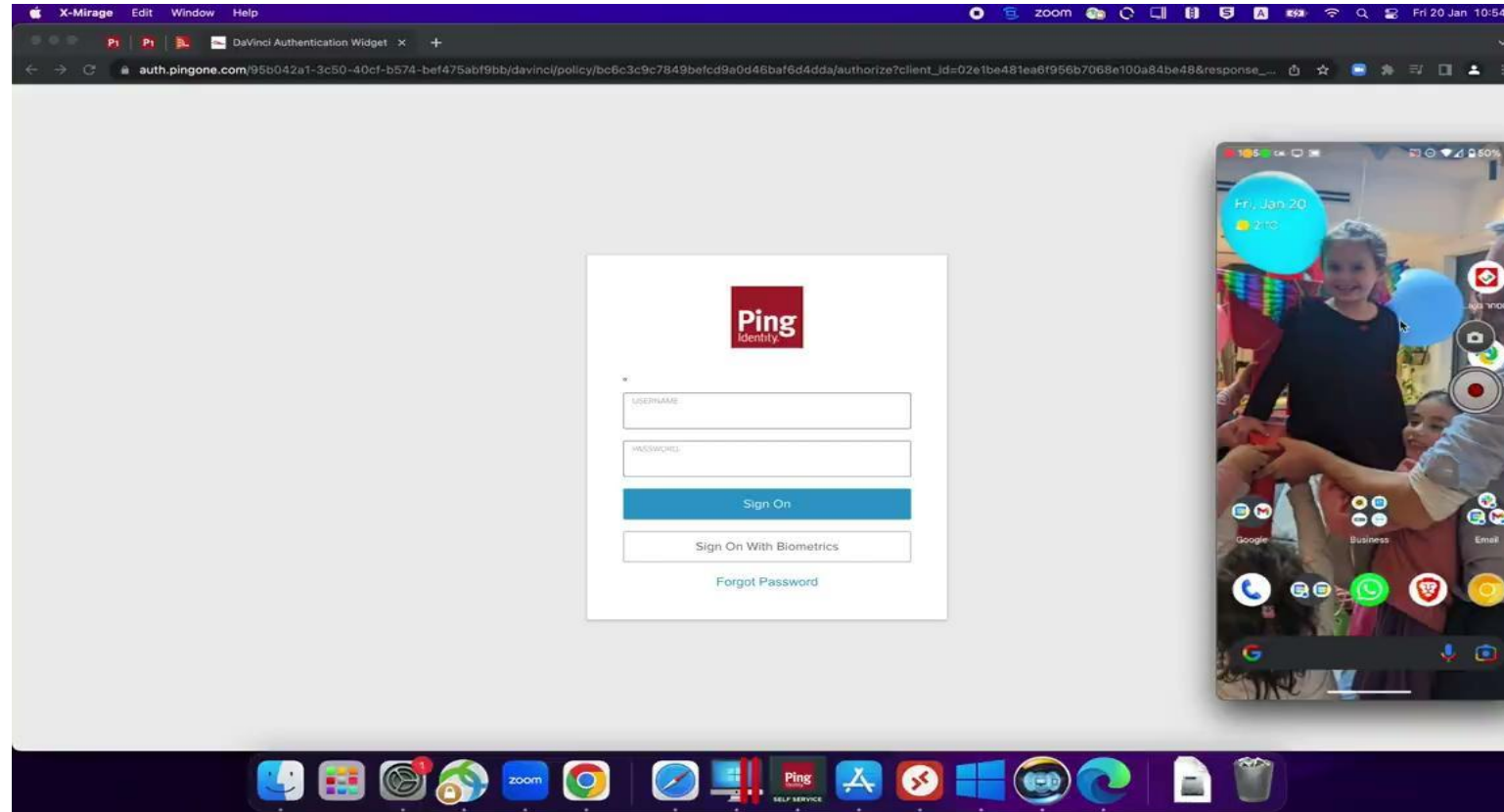
1 Google passkey

1. Google passkey registration after username/password authentication from Android
2. Passwordless authentication from Android

2 Apple passkey

1. Cross-device passwordless authentication (QR scanning from Android)
2. Apple passkey registration from Safari/Mac
3. Passwordless authentication from Safari/Mac

FUTURE STARTS HERE



TO SUMMARIZE

WHAT'S COMING

WHAT'S COMING

- Relatively easy Passwordless adoption
 - For Consumers (and Workforce)
- Enhanced DaVinci flows
 - Customizable
 - Better together
- This is just the beginning!



WHAT'S COMING

COMING SOON

- And we haven't spoke about:
 - PingID Mobile App 2.0
 - PingID convergence into PingOne
 - Device Trust
 - WhatsApp as an authentication method
 - Mac Login Passwordless

Enjoy the ride :)





THANK YOU!