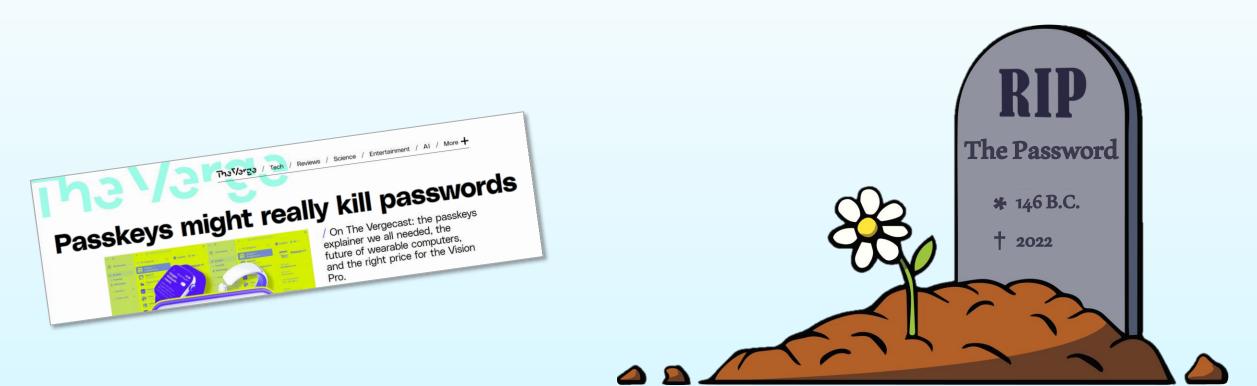


| Techopedia Dictionary | radicial Intelligen | | |
|---|--------------------------------|-------------------------------|---|
| Secure Au Kill the Pas | thentication | : Will Passkeys | Q |
| by Sanier Technology Writer Neil C. Hughes | Fact Checked by Eddle Wrenn | Updated on 2 February 2024 | |

"Passkeys will kill passwords"



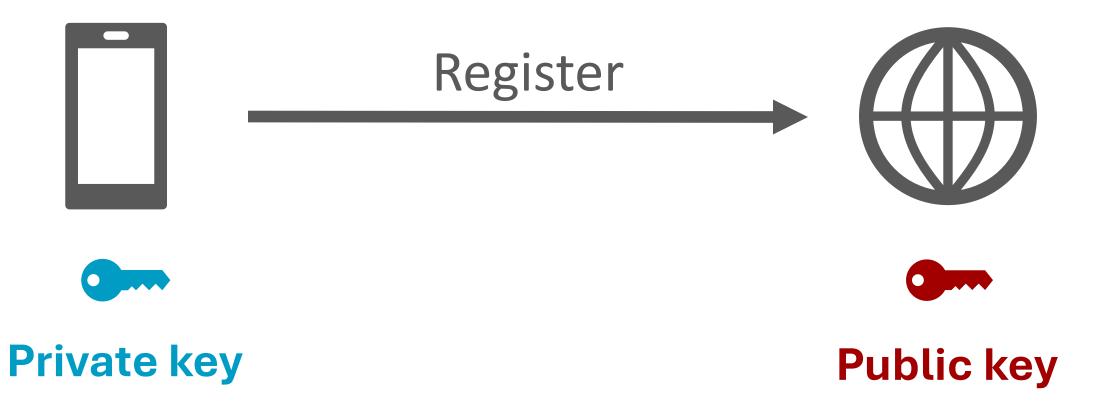
Why Aren't We Using Passkeys?

Obstacles Companies Face Deploying FIDO2 Passwordless Authentication

Leona Lassak, Elleen Pan, Blase Ur, and Maximilian Golla



FIDO2 & Passkeys



FIDO2 & Passkeys



FIDO2 & Passkeys



Usable & Fast

Nothing to remember

Phishing-resistant

Why Aren't We Using Passkeys?

awareness of & opinions about FIDO2

experiences with passwordless

obstacles when deploying

participants.

32 participants

participants.

6 FIDO experts **4 IAM** vendors 18 organizations

participants.

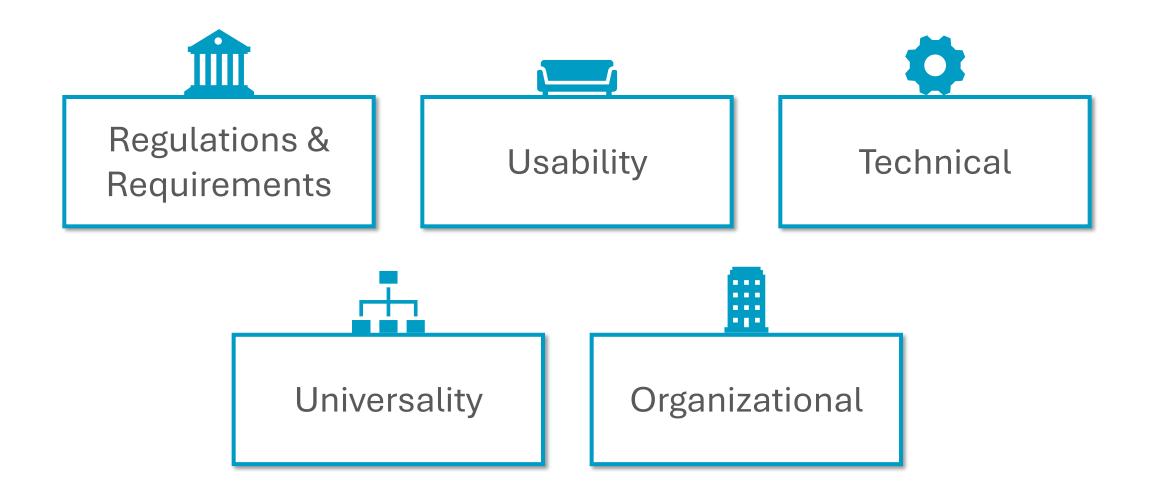
13 FIDO deployed 13 FIDO not deployed

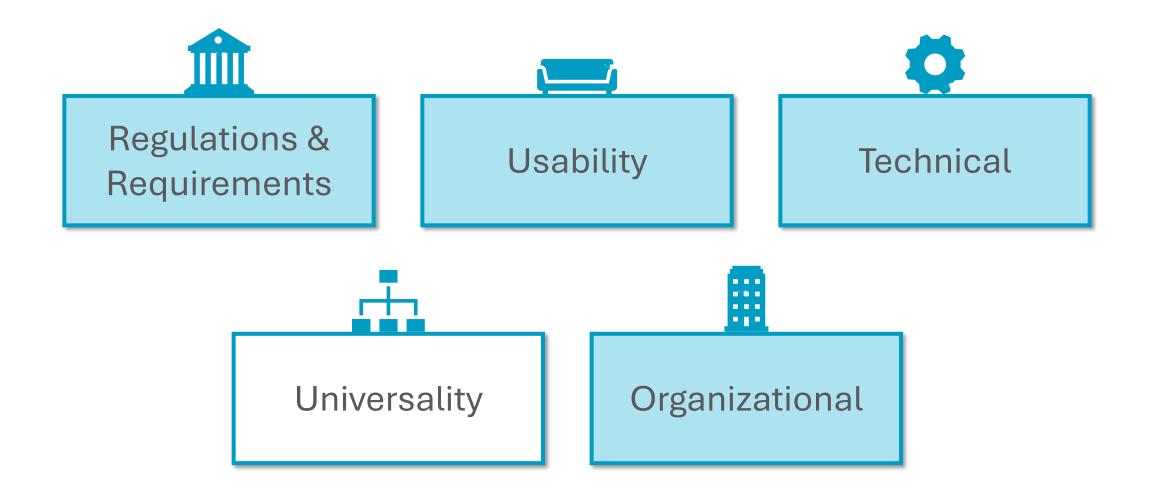
results.

awareness.

66

"Awareness is there, people want to implement it."







Regulations

"no serious bank will use FIDO"

66

- Non-compliant policies
- PSD2
- eIDAS

Usability

"That's not really a great user experience. In an enterprise, inconvenience may be ok. But for the broad consumer, not at all."

66

- Complex to explain FIDO
- Concrete usability hardships
- Lack of standardized fallback

Technical

"Many configuration options are not obvious, combinations don't make sense, or offer the protection you think."

66

auth vendor 4

- Complex for developers
- Legacy software

Organizational

"If Google has objections, and they do not implement [a feature] in Chrome, it'll never gain adoption."

66

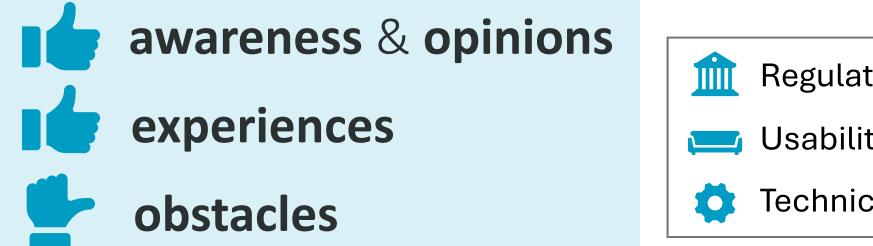
- On- & Offboarding
- Credential sharing
- Passkey management
- Powerful stakeholders
- Conflicts of interest

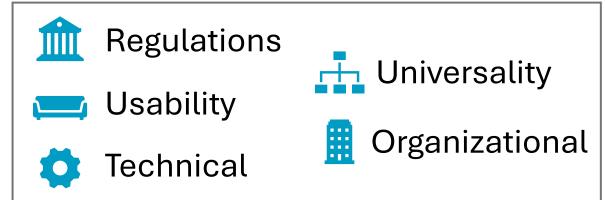
"FIDO2 will kill passwords"





Why Aren't We Using Passkeys?





"passwordless" = "less passwords" [sic]



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