



CYBERARK[®]
The Identity Security Company

Next Phase of Identity Security

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Solutions Engineer



Agenda

- Let's talk passwords
- CyberArk's Passwordless Solution
- Use Cases
- Cookie-less



Let's talk Passwords

Important Statistics

The human
element

82%



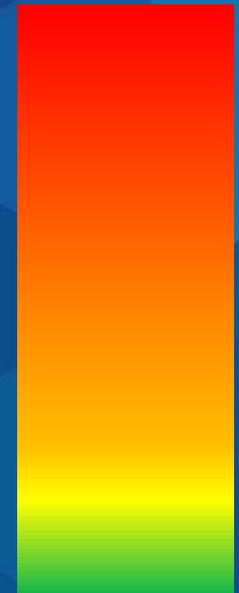
Stolen or compromised
credentials

80%



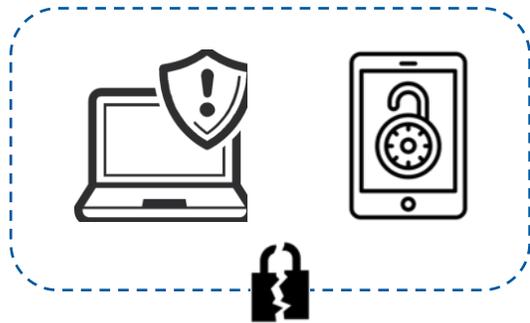
Reused passwords
across multiple sites

65%



Passwords

Why not?



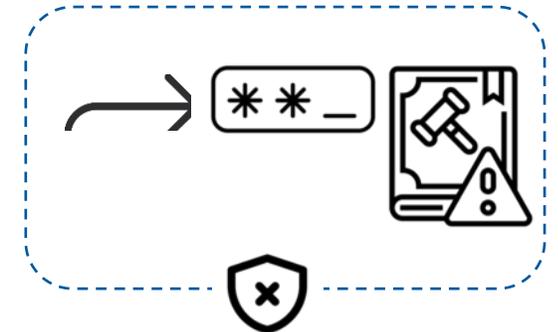
LOST & STOLEN
PASSWORDS



NOT SECURE
ENOUGH



INCREASED
HELPDESK COSTS



INTRODUCE
COMPLIANCE GAPS

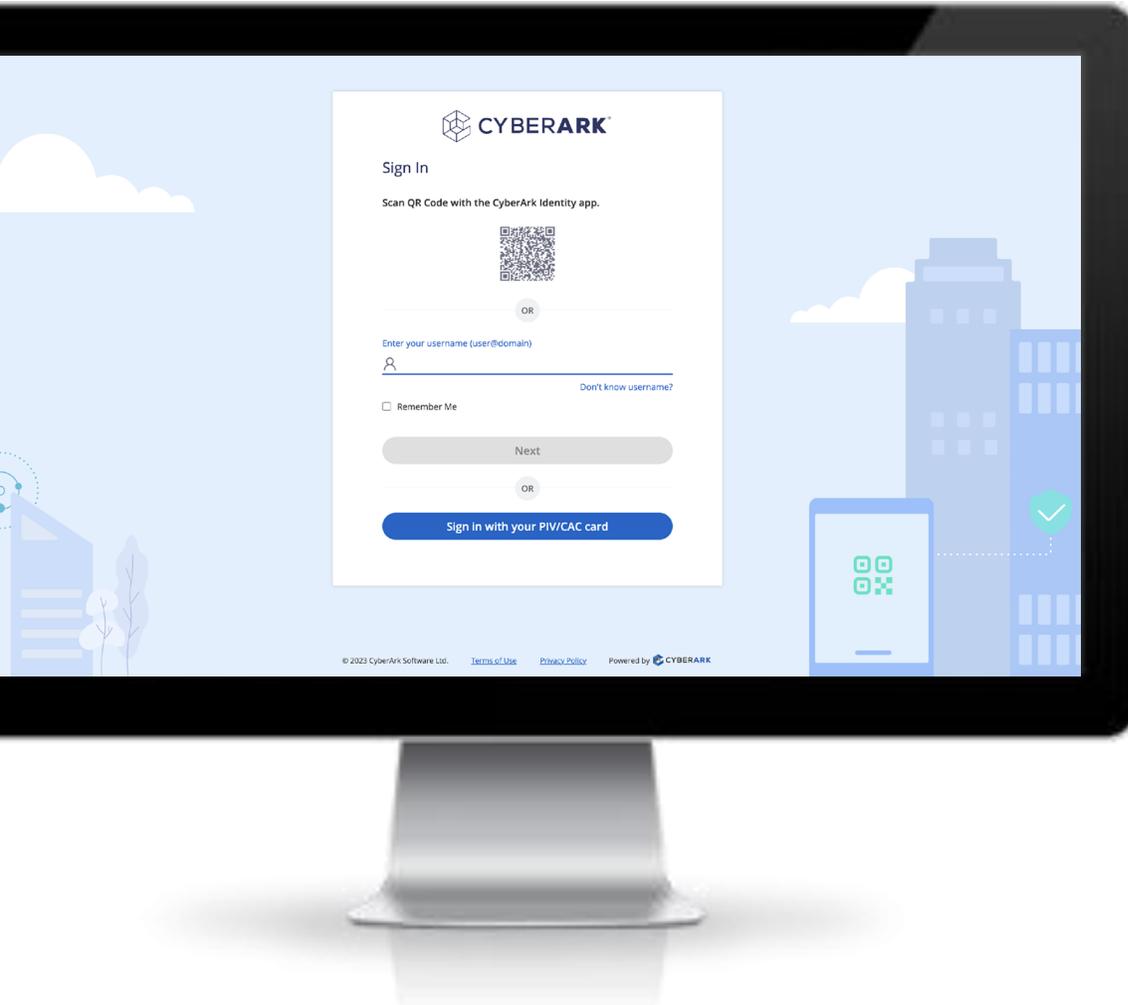


Passwordless



Passwordless Authentication

How can we authenticate without a password?



🔍 passwordless

🔒 P@ssw0rdL3ss F@ct0Rs

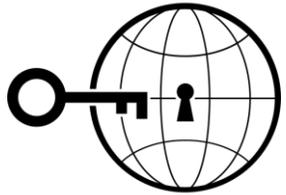
📄🔒 ZERO SIGN ON

📱 Device

🧠 Trustive
Adaptive

MFA

Passwordless Factors



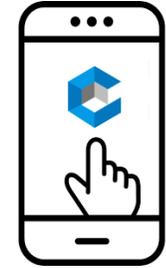
WebAuthn



Text Message



QR Code



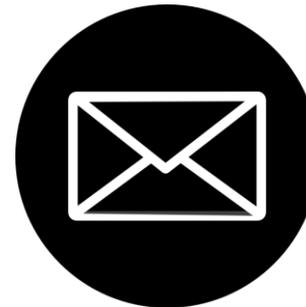
CyberArk Mobile App



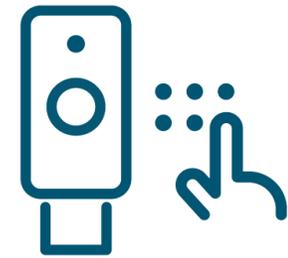
OATH OTP



Smart Cards



Email



YubiKey OTP

Use Cases



CyberArk Delivers Passwordless



Passwordless for
Windows/ Mac



Passwordless for
Thick Client Apps



Passwordless
for VPN



Passwordless
for Device Trust



Passwordless for Linux
& Windows Servers



Passwordless
for PAM



Passwordless for
Remote Access

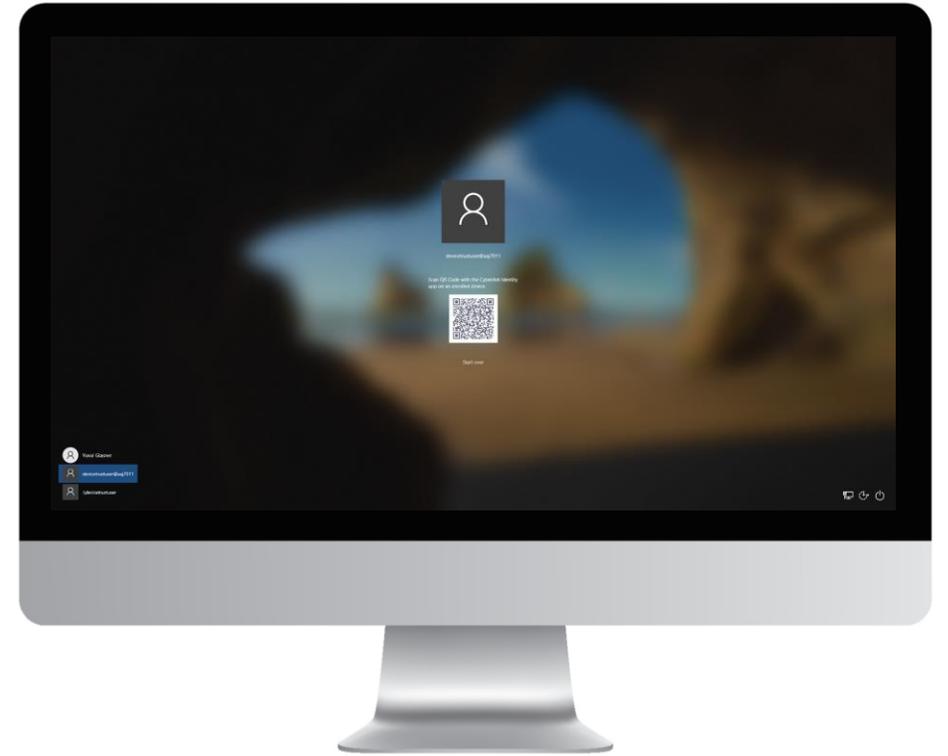
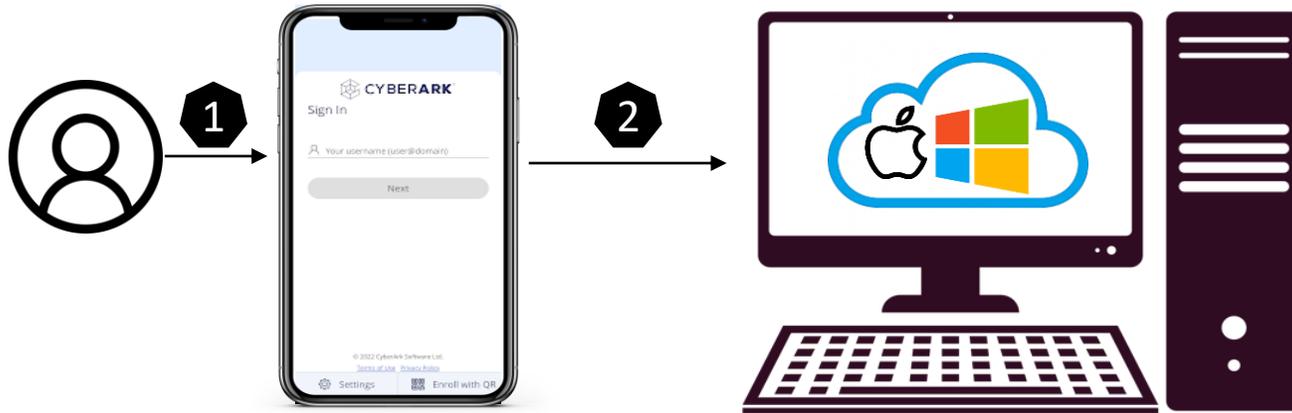


Passwordless
for EPM



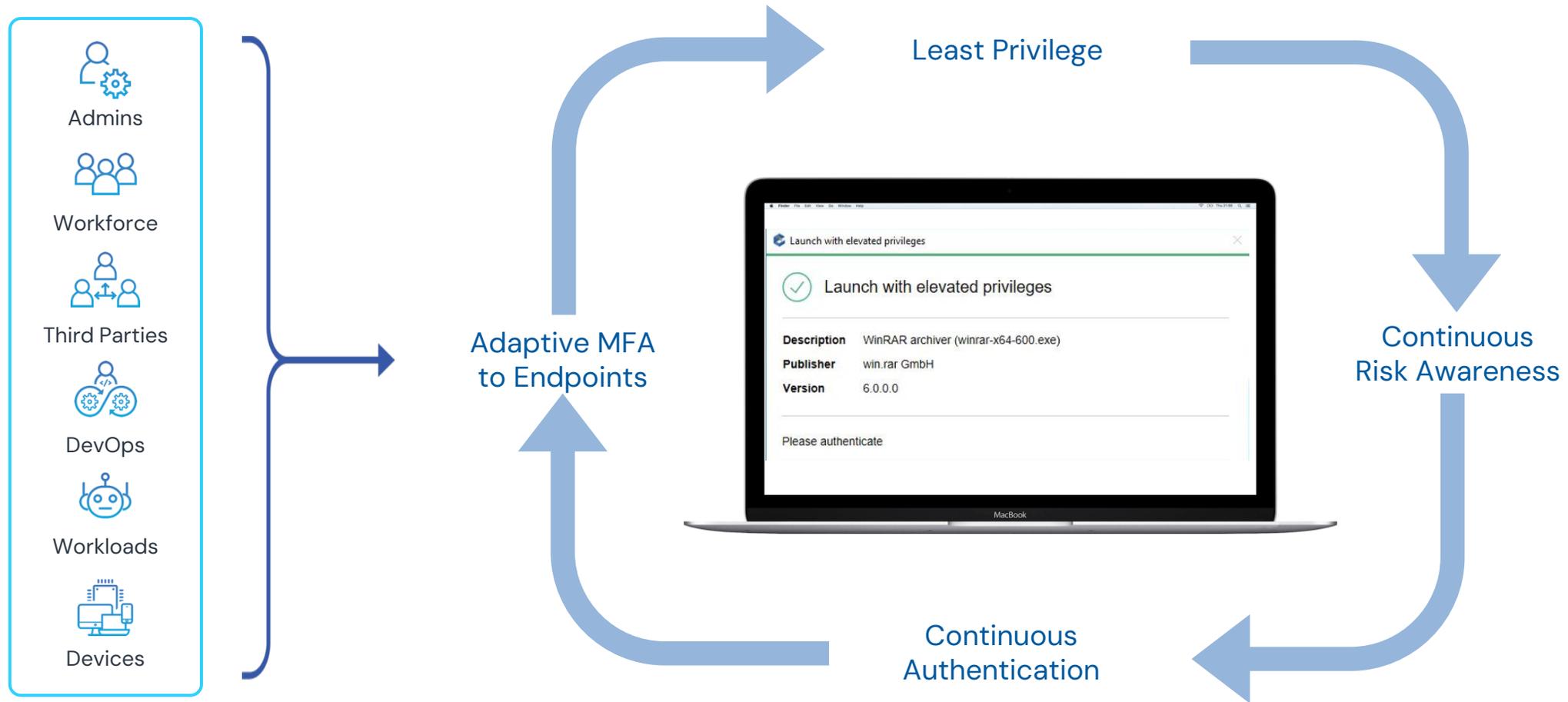
Passwordless For Windows/Mac

Accessing a Windows or Mac device with QR code



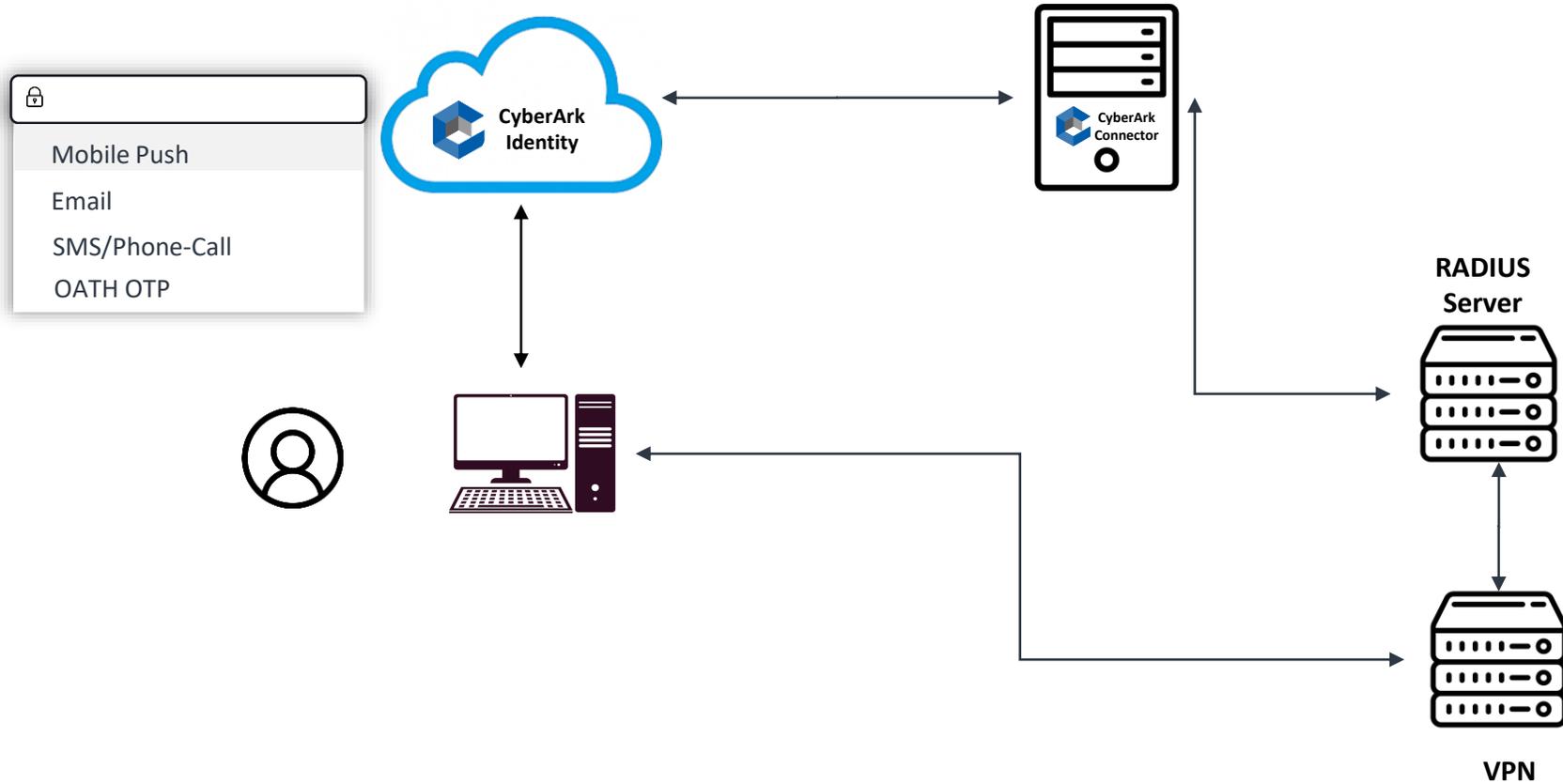
Passwordless For Thick Client Apps

Triggering step up authentication for privileged actions in Endpoint Privilege Manager



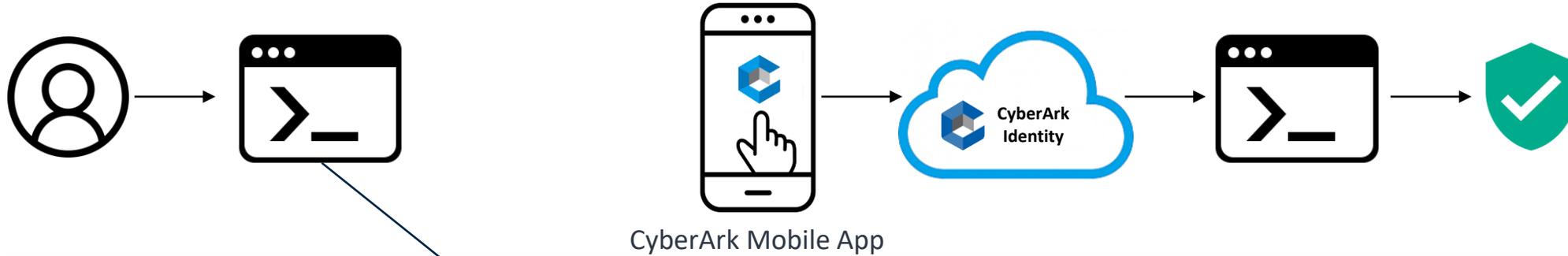
Passwordless For VPN

Accessing resources via VPN with passwordless options via RADIUS (or SAML)



Passwordless For Linux and Windows Servers

Accessing DPA via Native Client



```
Yuval.Glasner — ssh yuvalg@cyberark.cloud.51583#testaad.cyberark-everest-test.com@i-0565265664efaf6ed@testaad.ssh.cyberark-everest-test.com — 166x24
Yuval.Glasner@NG-YUVAL-G ~ %
Yuval.Glasner@NG-YUVAL-G ~ % ssh scott-federated@aap5180#testaad.cyberark-everest-test.com@i-0565265664efaf6ed@testaad.ssh.cyberark-everest-test.com
(scott-federated@aap5180#testaad.cyberark-everest-test.com@i-0565265664efaf6ed@testaad.ssh.cyberark-everest-test.com) To complete the external authentication, copy the following URL to a browser or scan the QR code, and then complete the authentication in your identity provider.
https://q1.idap.co/u/1KGpTH25iWgV

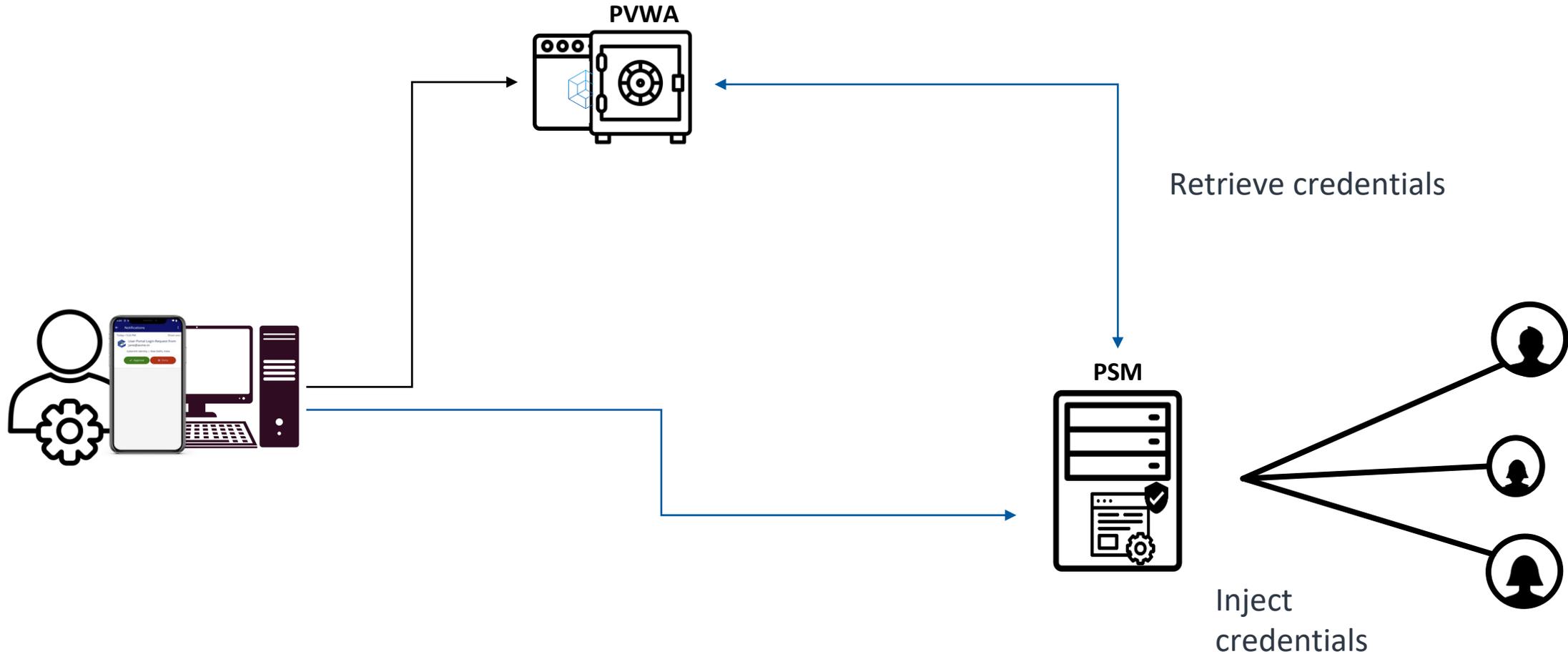
[QR Code]

Press Enter to complete the authentication:
You have authenticated successfully as scott-federated@aap5180
Connecting. Please wait...
[session: @a1a1386-1998-4769-86c8-99b8a9b1ca4e]
The target is not running. Please power on your target and try again.
Tenant FQDN: ace5412.id.integration-cyberark.cloud

Connection to testaad.ssh.cyberark-everest-test.com closed by remote host.
Connection to testaad.ssh.cyberark-everest-test.com closed.
Yuval.Glasner@NG-YUVAL-G ~ %
```

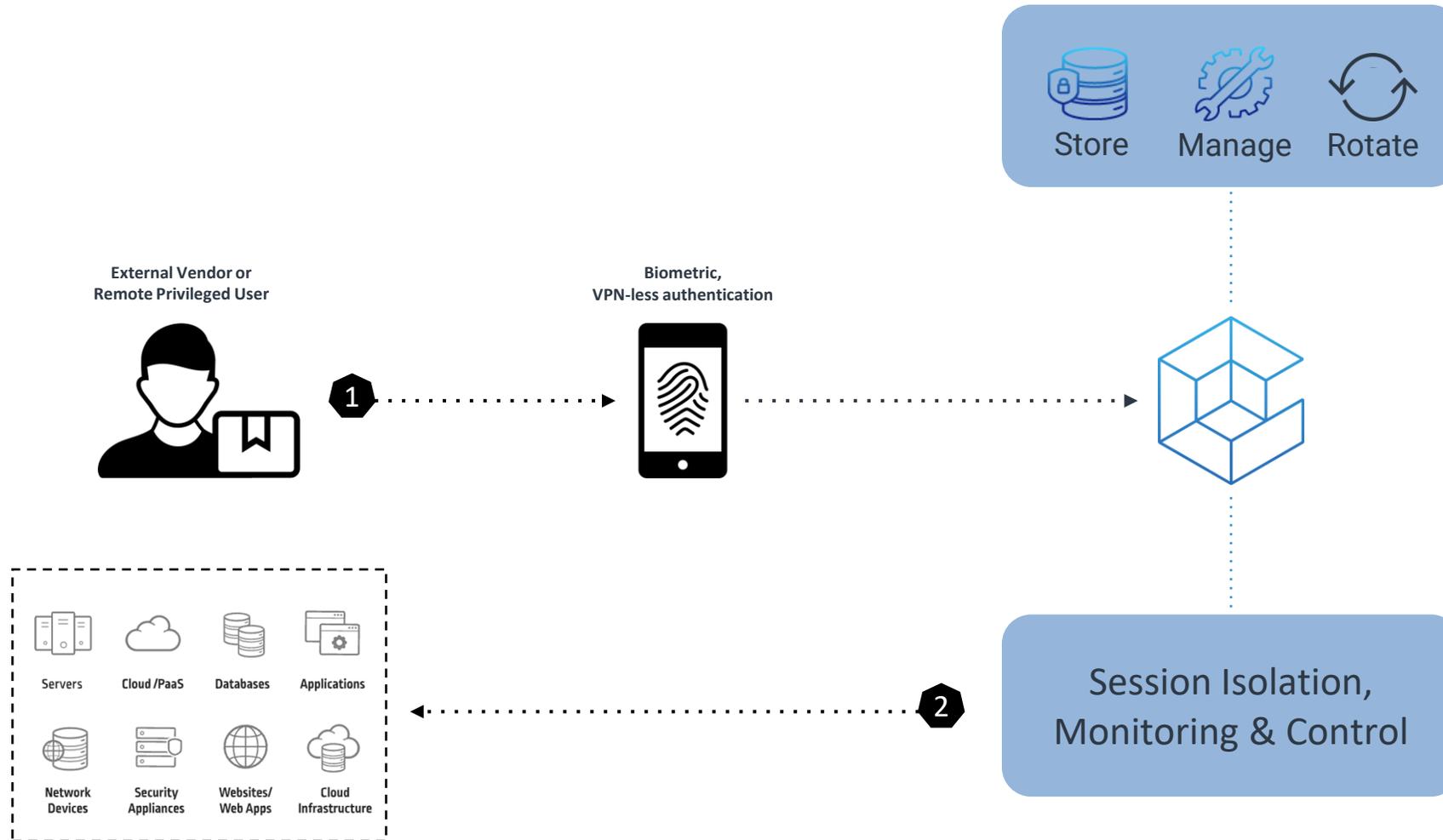
Passwordless For Privilege Access Management

Accessing Target Systems Using PAS (PVWA+PSM+Vault) + MFA on Access Accounts + Shared Priv Accounts + No MFA on Target



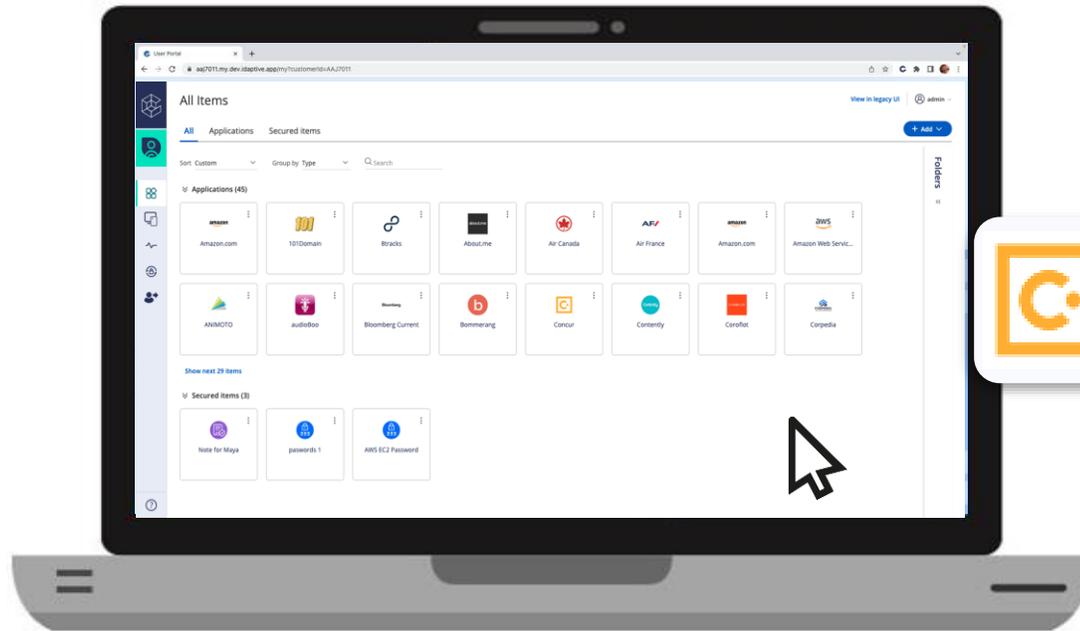
Passwordless For Remote Access

A passwordless way to stay connected and protected



Passwordless For Web Apps

Accessing your web application with no passwords or MFA fatigue



Authentication

Passwordless

Device Trust

Other factors

| Cookie-less?



“By 2030, enterprise browsers will be the core platform for delivering workforce productivity and security software on managed and unmanaged devices for a seamless hybrid work experience.”

Gartner®



The gateway to securing
all identities

The CyberArk Secure Browser:

- **Secures** identities, endpoints passwords, and credentials from pre- and post-authentication attacks.
- **Makes it easy** for users to securely access their resources and applications.
- **Unifies identity security controls** while ensuring privacy for every identity on every endpoint.

Thank You



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