Future-proof your Access Strategy

What to do when time is short!

Josh Green – Technical Lead EMEAR

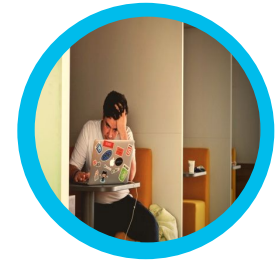# We all know what the perimeter looks like

CISCO Secure

What are the consequences?

Identity theft continues to be the #1 cause of breaches as users don't control their own data

Interfacing with passwords and Onboarding /offboarding users costs more & more time and money

Single points of failure in identity systems can cause productivity and sensitive data loss
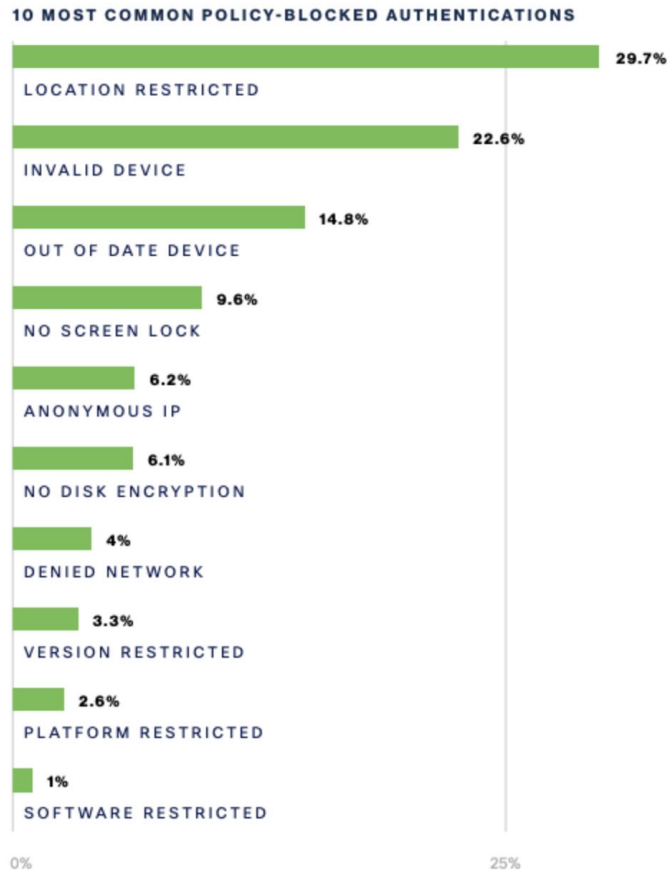
Control Points:

- Each area needs relevant control points
- Control points validate compliance with policy
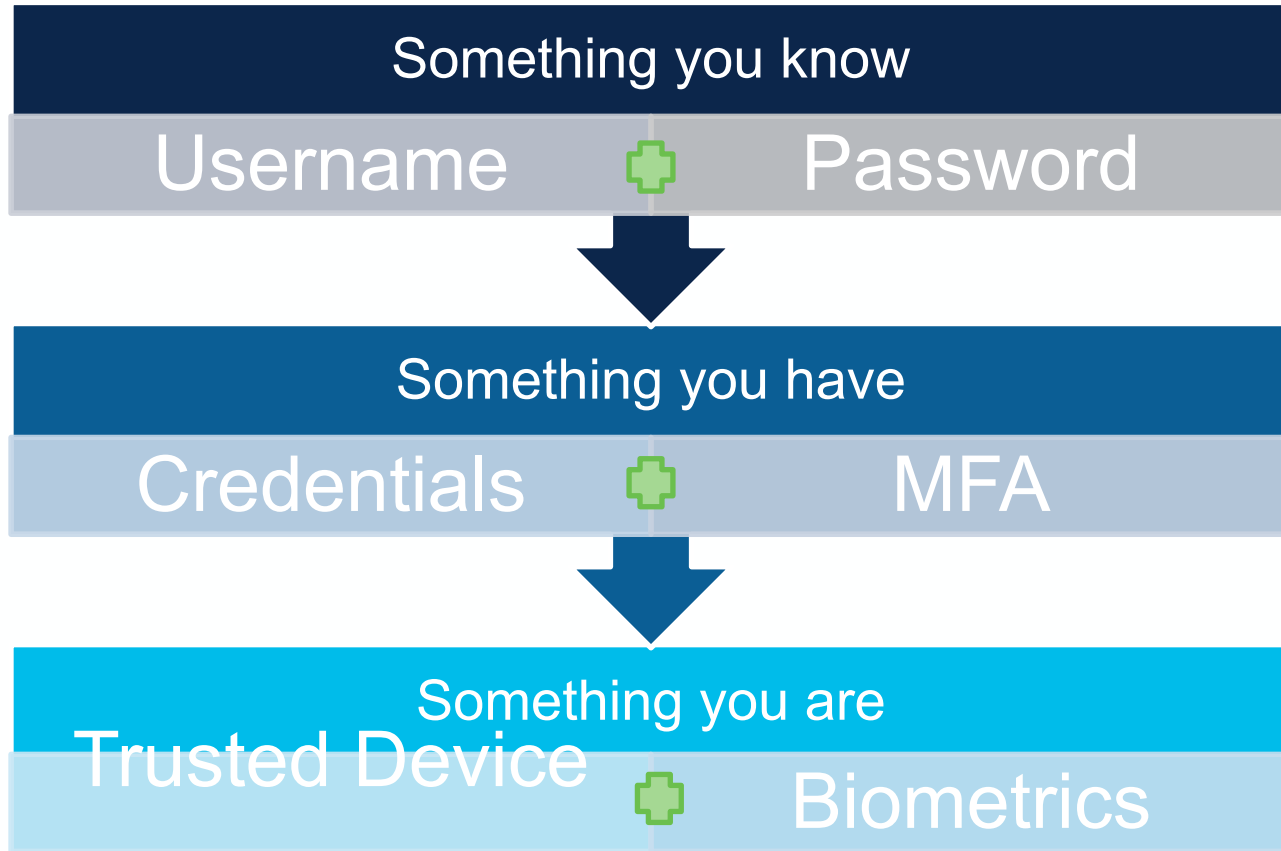- Policy engine drives trust levels
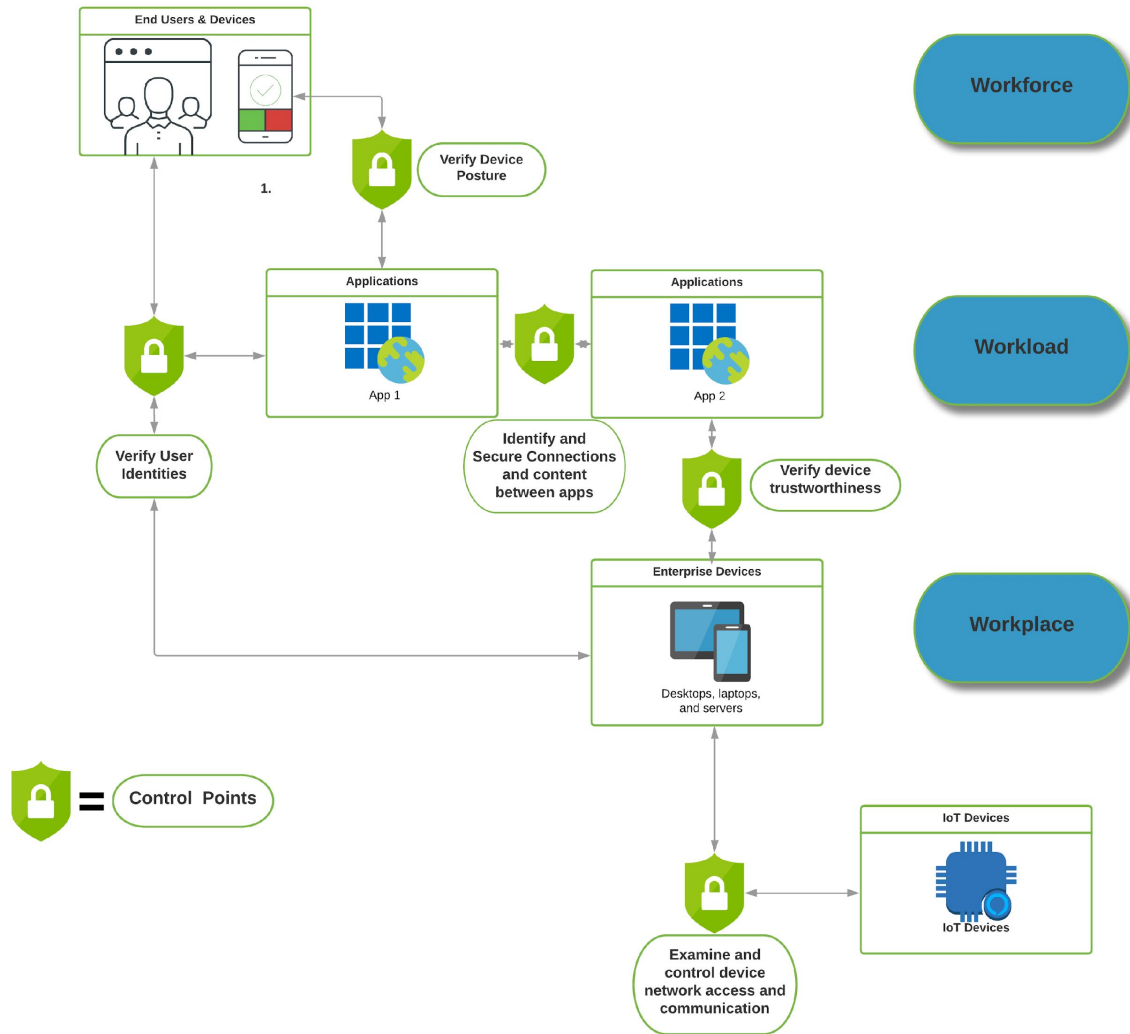
How do we establish trust?

Factors affecting trust

- User Identity

- Location

- Behaviour

- Device Identity

- Device Hygiene

- Password? NO!

- Network? NO!

10 MOST COMMON POLICY-BLOCKED AUTHENTICATIONS

LOCATION RESTRICTED — 29.7%

INVALID DEVICE — 22.6%

OUT OF DATE DEVICE — 14.8%

NO SCREEN LOCK — 9.6%

ANONYMOUS IP — 6.2%

NO DISK ENCRYPTION — 6.1%

DENIED NETWORK — 4%

VERSION RESTRICTED — 3.3%

PLATFORM RESTRICTED — 2.6%

SOFTWARE RESTRICTED — 1%

0%   25%

2021 Duo Trusted Access Report

Defining identity

Something you know

Username ➕ Password

⬇

Something you have

Credentials ➕ MFA

⬇

Something you are

Trusted Device ➕ Biometrics

Passwordless – is it a thing?

- Demand indicates that the *status quo* still creates too much friction

- Passwordless is ONE step, but still MULTI factor

- Biometrics bring us closer to true verification

- Even a webauthn PIN is BETTER than a password

RISING PASSWORDLESS ADOPTION

5x

Users move toward lower-friction second factors. **Webauthn** shows a fivefold increase in usage since April 2019.
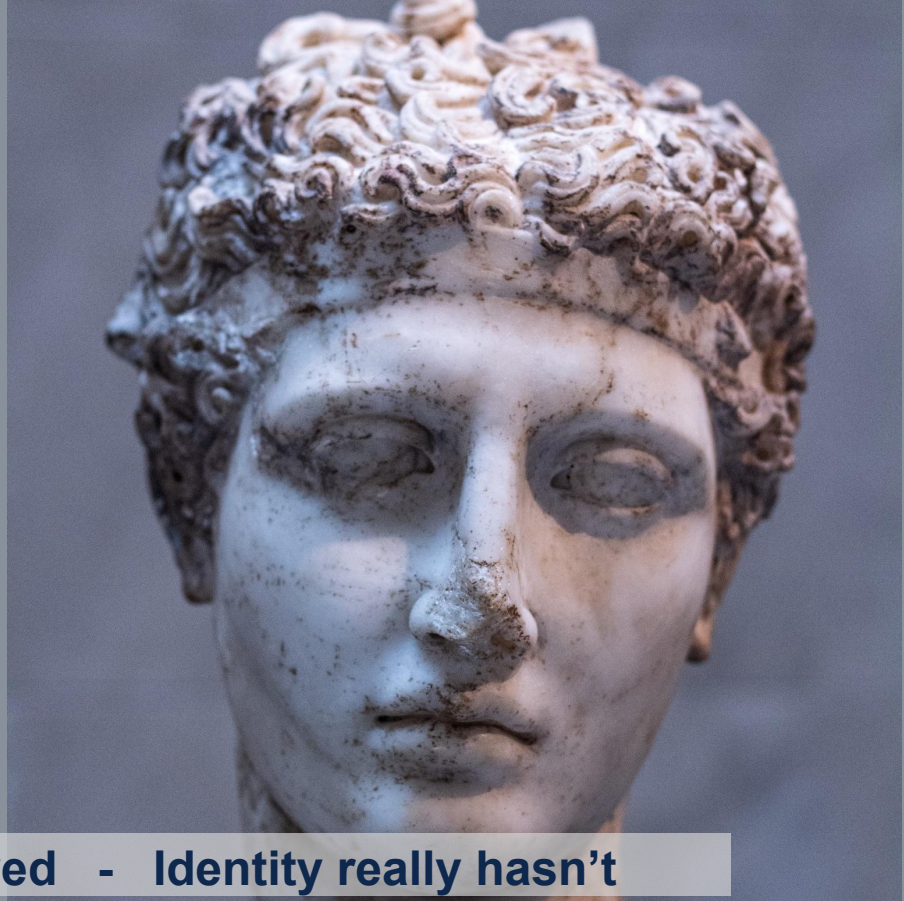
WebAuthn was in 55% of the global policies. This is a promising indicator of a welcome step toward passwordless implementation.

BIOMETRICS PRESS FORWARD

More than 71% of mobile phones have biometrics enabled, and total mobile phones with biometrics rose 12%.

2021 Duo Trusted Access Report

A Digital Identity Future Beckons…

Authentication has evolved   -   Identity really hasn't

● Difficult to Scale and Manage   ● Not portable   ● Heavy reliance on physical, government documents

Summary

- Build solid access control now

- Look at processes, people and authentication

- Understand the authentication factors and how to manage the policy

- Plan for Passwordless by getting the basics right now – your users will love it!

- Prepare for a future with a Digital Identity

Find out where your organization is in 1 hour:
Contact us for an interactive workshop

Duo Trusted Access Report
https://duo.com/assets/ebooks/the-2021-duo-trusted-access-report.pdf