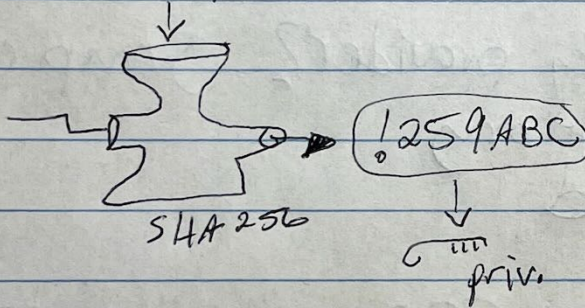## IAM = Identity Access Management

- Admin- Identity "claim"   windows - AD
- Authentication - "prove claim"
- Authorization - "rights & permission"
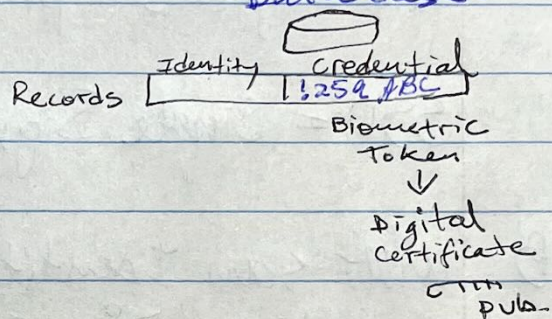- Accounting — Auditing.
  - LDAP - "yellow page"
  - SSO
  - Idp/SP
  - SAML
  - OAUTh — "authorize only"
  - OPENID - "Authentication".

Mr. Dee

Authentication Database.

Records   Identity | Credential
                    !259 ABC
                    Biometric
                    Token
                    ↓
                    Digital
                    certificate
                    ⌐ᴵᴵᴵ
                    Pub.

("mnomoney")

SHA 256   !259ABC
           ↓
           ⌐ᴵᴵᴵ
           priv.

Windows has a local login.

PAM*	Future will be using
privilege ⎤ root	Biometrics instead of
Access ⎬ admin	password. Digital Key
mgt ⎦	

→ Company
  → president
    → Departments (MKT, IT, HR,
                        mgt sales

Operations [Shipping, product, R&D
Finance [AP, AR, ACC, Auditing]

William Prado
07/11/2025

LDAP = X500

yTB - What is LDAP? Hierchel, Database.
yTB - What is Active Directory?
• mostly accounts [users, computers, Groups, other objects (printers, shares, GPO)]

SSO = Single Sign On

yTB   What is an Identity provider? Jump cloud video
   Active Directory
   Jump Cloud

yTB - Identity provider SSO vs. Service Provider SSO
What's the difference?

yTB - What is SAML? transmit claims b/t principal
RP & IP.

SAML

User → Ldp
Sp

SAML