William Prado 07/10/2025 4A Authentication Cybersecurity Architecture. Who are you? Identity YTB + access management. I dentity - "Claim" Arthuntication - prove Avthorization-"Rights permissions" Accounting -Schema - is essentially a blueprint or structure that defines how data is organized, stored, and related within a system most commonly in databases. Data Base *LDAP * MSAD * Kelberos A Radious *TACACS2 Resource printers files/folders IBM. Identity Acres Mant Admin Auth Authz

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Biometrics FRR = false Rejection Rate FAR = false Acceptance Rate professor Messer CER = Crossover Error Rate YTB - Biometrics acceptance rates. IBM-YTB-fasswordless Awthentication IBM YTB - Fido Strong authentication Open Authoritication (DATH)-IBM-YTB Passwords us Passkeys Rights anything their folder of grants users of asilify to med Permissions File or Folder -owner grants Users abilities to; · ability toperform speci · actions on a system Read, write, + execute - files on a system Read - read files write - make Changes to a file execute-run a file YTB Discretionary Access Control (DAC) - who owns the resource. - a vser or group numbership grants access Access Control List-Chmod v=rwx, Mandatory Access Control-based on "security

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STB Mandatory Access Control (MAC) models Attribute - Based Access Control - one can read, one can enange can enange Ex: Two pavalegals, one present some intake one GPO-edit Local Group Policy Editor. Privileged Across Management-policy, procedures, technical control prevent malicrous alouse of privileged accounts. TESM Why you need privileged account management