Account Management
at Georgia Tech

Presentation to the Executive Board
21 September, 2004
Introduction

• Identity and Account Management - the issues
  – Account names - Identity on local systems
  – Email names - Alias with full information
  – Passwords - Authentication, proving who
  – Roles - Authorization and Access Control
Current State

- Multiple Systems on campus, managed by multiple administrators
- Multiple Account names
- Multiple Passwords unsynchronized across systems unless campus Kerberos system utilized via direct access or WebAuth
- Little portability of credentials across systems
- Risk - Varying levels of security since the account name and password is access control
Multiple Systems…

- Kerberos
  - Mail (Kerberos Account and Password)
  - WebCT
  - Buzzport
  - PeopleSoft HR Self-service
- GTID and PIN
  - Banner (GTID and PIN)
  - Grants and Contracts
  - Course opinion survey
- Active Directory (Microsoft)
  - Local server filesharing
- Private system
  - Buzzcard
  - Community of Sciences (private account)
  - GT WebWise
  - IBS
In the Works - Planning on Campus

• Identity and Account Management project
  – Identity for authentication for multiple applications
  – Access Control via Attributes and Roles
  – Process changes to simplify
    • Password changes on expiration
    • Account activation especially from remote sites
    • Seamless sign-on, not necessarily single sign-on

• Differentiation of technique based on risk and role!
  – Simple need == Simple process
  – Complex/Risky == more complexity of authentication
What and When…

• Password and Account Activation - Fall ‘04
  – In process currently

• Account Name Space and Email address definition - Spring ‘05
  – Building consensus and implementability

• Email for Life - Fall ‘05
  – Technology issues - size and scope of service
  – Comfort/preference issues
    • Marketing, affinity, association, community
  – Policy issues - non-state entities unsupportable with state dollars

• Directory Services for on/off-campus look-up of addresses

• Robust IAM ’05-’06
  – Architecture
  – Policy -> acquisition
  – Standards
  – Vendors
  – Dollars