Communities and Functions

- **Federated Community**: Federated community members likely consider their primary affiliation to be with another institution, and will need services integrated with their existing frameworks.

- **Local Community**: Local Community members have a steady and frequent interaction with our institution, but are not centrally administered and do not have a common domain of control.

- **Central Services**: Central services exist in a common circle of trust.

- **Authentication**

- **Authorization**

- **Attribute Services**
So why not just build the infrastructure and be done with it?

- Different communities within our constituency have different needs
- Deployment and usage scenarios play a large role in the effectiveness of the system
- Technologies help in strategic area, but there is no holistic technology solution to meet our needs.
- We therefore need a roadmap to choose technologies and fit them where we need them.
Why a roadmap. Why not a plan?

- A roadmap helps to define long-term direction even in the absence of specific detail
- A roadmap lets us publish information and solicit feedback for use in formulating plans
- A roadmap allows us to express our goals and directions in technology-neutral terminology.
So what does a roadmap look like?

Capabilities Roadmap

- AuthN
- AuthZ
- Attribute Services

Central Service
- Enterprise Directory Service
- LDAP
- WebISO

Local Community
- AuthN
- AuthZ
- Attribute Services
- Central Logon Service
- Web Services
- Web Authentication Facility

Global Community
- AuthN
- AuthZ
- Attribute Services
- Distributed Identity
- Distributed Attribute Query Interface
- Distributed Identity and Attribute Management System

Future
- Multifactor Authentication
- AuthNZ Integration with external partners
- Increased campus integration with AuthN infrastructure
- Increased infrastructure integration with departmental applications
- Distributed identity and attribute management system
- Central Logon Service
- Distributed attribute query interface
- UniFiD
- Auth Hub
- AuthNZ self-service
- PKI::UserCerts
- PKI::AttrCerts

Past
- Distributed Identity
- PKI::AttrCerts
- PKI::UserCerts
- Attribute Services
- Central Logon Service
- Web ISO

Present
- Distributed Identity
- PKI::AttrCerts
- PKI::UserCerts
- Attribute Services
- Central Logon Service
- Web ISO

Access to central services (portal, mail, etc) with single credential
Increased identity management
Unified view of affiliations
Increased campus integration with AuthN infrastructure
Multifactor Authentication
AuthNZ integration with external partners
How will we create this roadmap?

• By seeking input from DoIT and Campus Technologists
  – Iteratively, through presentations & open forums

• By forming groups as needed to provide detailed focus on particular technology areas
  – WebISO is our first example of this