Lafayette College
TIER Campus Success Program
Outcomes

Shibboleth IdP Package
Customization and Integration

midPoint Identity Registry Evaluation
The Problem

Shibboleth IdP Package

- Local customizations
  - Shib-CAS plugin
  - REFEDS MFA Profile
- No infrastructure support for Docker

midPoint

- Custom employee identity registry (Accounts Workflow)
  - Operational gaps
- Lack of familiarity with component
The Solution

**Shibboleth IdP Package**
- Strategy for implementation
  - Configuration files
  - Orchestration
- Local requirements as native options
  - Unicon adds MFA signaling to plugin
  - Internet2 package copies local configuration into Docker image

**midPoint**
- Expected Accounts Workflow replacement
- Provisioning challenges
  - LDAP directory connection and resource schema files
- Example files
- Reconciliation
- Shortened timeline
The Result

Shibboleth IdP Package
- Production IdP in a Docker container
- Docker platform provides operational benefits
  - Surrounding execution environment no longer matters
- Persistent Java memory allocation problem resolved
- Unicon and Internet2 SME Paul Caskey critical to success

midPoint
- Focus on provisioning and synchronization capabilities
- Is flexible but meeting use case requires customization
- Need for database in front to make it subject-aware
- Possible partial replacement
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