Identity Management and Federation Project

SailPoint and Federated Trust
Process

- University CIO as executive sponsor (Dr. Rob Rennie, SCSU)
- Collaboration on definition of project concept
- RFP requirements written and approved by broad committee
- Responses evaluated by another representative committee
- Business maturity and reference checks
- IT Steering Committee approved
Business Needs

User Experience
- Enable single sign-on for all students, faculty and staff
- Provide simple, consumer-grade password management
- Support inter-institutional activities and resource sharing
- Create a portable identity for students, faculty, and staff

Efficiency and Agility
- Faster on-boarding for new people and services
- Improved agility when upgrading or adopting new services
- Key attributes for tracking student outcomes across the institutions
- IT staff and equipment freed for higher value work

Security
- Multi-factor authentication for sensitive services
- Automated and secure password reset
- Better control over who can access important services
- Robust audit workflow and clean access revocation
SailPoint Identity Service

- Cloud-based single sign-on
- Improved password management
- Security enhancements (stronger authentication, audit, certification)
- Improved agility and integration with external services
- Near zero on-ground technical footprint
Federated Trust

- Basic network access at any CSCU institution with your institution ID
- Wi-fi login at any campus of any college, university or the office of the BOR.
- Workstation login at any campus with internet and other basic services.
Project Timeline

- **10/1/2014**
  - Project Concept

- **2/27/2015**
  - Bid Opening

- **6/21/2015**
  - Award Recommended

- **11/2/2015**
  - Contract Signed
  - Services Initiated

- **2/1/2016**
  - Payment Date

- **5/15/2016**
  - Live

- **6/1/2016**
Project Phases

- Solution planning and prioritization
- Agile project implementation
- Identity administrator training
- User acceptance testing
- Go-live and support
- Expansion and maturation
Questions

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Gartner Identity Governance and Administration (Jan 2015)
Internal Deployment

- Virtual Appliance Cluster handles internal communications
- 2048-bit encryption everywhere
- Encryption key stays with us
- Updates to VAC handled by SailPoint
- Firewall-friendly outbound-only connections from appliance to SailPoint
SailPoint HA Architecture

High Availability Architecture

acme.identitynow.com (Load Balancer) - application URL
acme-sso.identitynow.com (Load Balancer) - User Auth, SAML Auth

Amazon Availability Zone 1
- Cloud Commander 1
- SSO/Auth 1
- Cloud Commander 2-N
- RDS
- Identity Engine

Amazon Availability Zone 2
- Cloud Commander 1
- SSO/Auth 1
- Cloud Commander 2-N
- RDS
- Identity Engine

Shared Sessions (Redis)

Mirrored