## IAM Roadmap Initiative Descriptions

### IAM Modernization Program

- **IAM Solution Selection (Complete):** Select and procure new IAM software to support and enable the roadmap goals.
- **IAM Solution Implementation Planning (Complete):** Complete high-level planning for the implementation of the software selected in the IAM Solution Selection project.

**IAMMP Phase 1:** Establish new technical architecture and environments for SailPoint; Develop data and interface transition strategy; Implement group and role management.

**IAMMP Phase 2:** Implement identity administration and provisioning, password and credential management, and assurance level management functionality.

**IAMMP Phase 3:** Implement access request and approval management, access recertification, and enterprise authorization reporting functionality.

**IAM Integration Support:** Support authentication and identity data integration with University strategic projects, including Workday, TAI, application modernization, and ServiceNow.

- **IAM Web Central Migration (Complete):** Migrate IAM web site content off of the end-of-life Web Central platform.

### Identity & Access Administration

- **UTLogin Transition / CWA Retirement (Complete):** Transition Central Web Authentication & Fat Cookie customers to UTLogin and retire the CWA/FC authentication system.
- **UTLogin OpenAM v11 Upgrade (Complete):** Upgrade UTLogin to the current version of OpenAM software to address bugs, implement session management enhancements, and stay current with vendor support.
- **UTLogin Realm Policy Manager Enhancement (Complete):** Enhance the UTLogin RPM to allow delegated administration of sites on shared hosting environments like UT Web and Windows Web Hosting.

**UTLogin OAuth enhancement:** Add OAuth capability to UTLogin to support needs from modernized systems.

**UTLogin v13 Upgrade:** Upgrade UTLogin to current version of OpenAM software to address bugs, implement policy management enhancements, and stay current with vendor support.

- **Identity Assurance Framework Development (Complete):** Implement a framework to assist campus departments in assessing risks and selecting an appropriate level of assurance to mitigate those risks.
- **Toopher Pre-generated OTP Enhancement (Complete):** Add the ability to use pre-generated one-time-passwords (OTPs) with Toopher.
- **Duo Implementation:** Implement two-factor authentication using the Duo Security solution.

**Lightweight Authentication & BYOID:** Implement a lightweight identifier and authentication service and integrate with external identity providers (Bring Your Own Identity).

**Central Authentication Resiliency Enhancement:** Improve the resiliency of central authentication services by leveraging off-campus hosting.

- **Shibboleth v3 Upgrade (Complete):** Upgrade the Shibboleth federated authentication solution to the currently supported version.

### Legacy Authorization Services Roadmap Planning

- **Legacy Authorization Services Roadmap Planning:** Define the transition and retirement roadmaps for Apollo, OHS Contacts, and DPUSER Department Contacts systems and communicate with campus stakeholders.

### Legacy Authorization Services Roadmap Implementation

- **Legacy Authorization Services Roadmap Implementation:** Implement transition and retirement roadmaps for Apollo, OHS Contacts, and DPUSER Department Contacts systems.

### Identity & Access Provisioning

- **TIM Server Refresh & Database Migration (Complete):** Retire out-of-warranty servers and migrate to virtual server infrastructure and enterprise Oracle service.
- **IAM ASMP Integration Strategy (Complete):** Define high-level plan for maintaining required integrations while source systems and IAM system are being replaced.

**Password Security Enhancement:** Improve the security of EID password storage infrastructure.

### Directory Services

- **TED Server Refresh (Complete):** Retire out-of-warranty servers.
- **WHIPS OS Upgrade / VM Refresh (Complete):** Migrate to supported OS version and refresh virtual server infrastructure.

**Directory Services Roadmap:** Document new and evolving TED use cases and requirements and plan approach for addressing

**TED via Web Services (ESB) - Phase 1 (Complete):** Implement an initial set of TED services on the ESB (public directory information lookup, group membership lookup, confidential directory information lookup).

### ID Center

- **ID Photos OS Upgrade / VM Refresh (Complete):** Migrate to supported OS version and refresh virtual server infrastructure.

**ID Card System Replacement:** Modernize ID Card System and remove mainframe dependency.

### IT Service Provisioning

- **TRAC Saturn/Gemini Retirement (Complete):** Retire use of-out-of-warranty servers.
- **TRAC UTS Retirement (Complete):** Migrate TRAC functions off end-of-life UTS service.
- **SDS UTS Retirement (Complete):** Migrate SDS functions off end-of-life UTS service.

**TRAC Replacement (ServiceNow):** Replace TRAC functionality with ServiceNow.

### Other

- **Apps Build Server Maintenance (Complete FY14-15):** Maintenance and enhancements required to support ITS Applications software build and testing infrastructure.

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