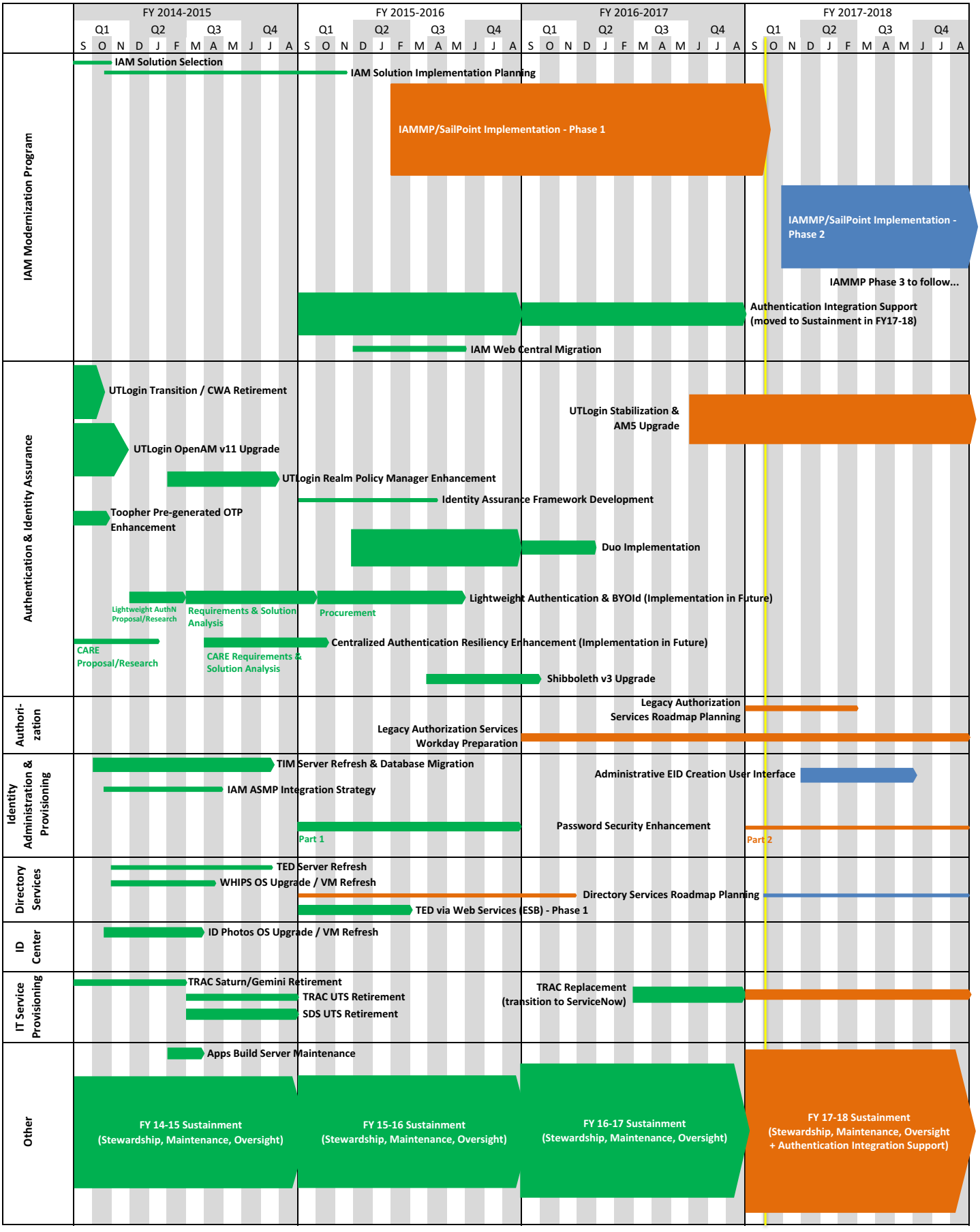
The University of Texas at Austin
Information Technology Services
Identity & Access Management

IAM Roadmap Overview

Status: Complete | In Progress | Planned | Future

Bar Height Indicates Level of Effort
1 FTE



10/9/2017

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 adminstration 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. (Incorporated into Sustainment in FY17-18)
- ✔ **IAM Web Central Migration (Complete):** Migrate IAM web site content off of the end-of-life Web Central platform.

Identity Assurance and Authentication

- ✔ **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 Stability & AM5 Upgrade: Stabilize the UTLogin environment and upgrade 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.

Authorization

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 Workday Prepration: Implement changes in Apollo, OHS Contacts, and DPUSER Department Contacts systems required by the transition to Workday.

Identity Adminstration & 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 maintaing required integrations while source systems and IAM system are being replaced.

Administrative EID Creation User Interface: Provide a user interface for administrative creation of EIDs (required to support Workday Hire process).

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. (Deferred)

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 using ServiceNow.

Other

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