

IAM Roadmap Quarterly Review (Q3, FY 2023-2024)

Updated: May 31, 2024

Key Roadmap Priorities

- Identity Governance & Administration (IGA):
Modernize tools, reduce technical debt
- Authentication: Continuous improvement
- Directory Services: Unify platforms

IGA Initiatives

FY 2023-2024	Q2	Q3	Q4
Initiative 1: Improve password security with new hash	<i>(Reduced scope due to resource constraints.)</i>	<ul style="list-style-type: none"> ✓ Validate initiative purpose and priority. ✓ Begin analysis and determine approach for transition of TED & FI/ST mainframe authentication to new hash. 	<ul style="list-style-type: none"> ❑ Complete analysis and determine approach for transition of TED & FI/ST mainframe authentication to new hash. ❑ Begin transition of TED & FI/ST mainframe authentication to new hash.
Initiative 2: Reduce technical debt by modernizing tools (IGA Modernization Program)	<ul style="list-style-type: none"> ✓ Complete Phase 1 Go Live. ✓ Finalize Phase 2 charter and project schedule. ✓ Complete midPoint, Grouper, and EKS upgrades. ✓ Draft and finalize Phase 2 requirements. ✓ Draft Phase 2 designs. ✓ Plan functional and non-functional testing approach for Phase 2, including Workday and UT System teams coordination. ✓ Begin configuration of TAP solution to meet Phase 2 requirements. ✓ Begin group build out for transitioning customers. 	<ul style="list-style-type: none"> ✓ Finalize Phase 2 designs. ✓ Continue configuration of TAP solution to meet Phase 2 requirements. ✓ Continue group build out for transitioning customers. ✓ Draft Phase 3 charter and project schedule for cutover from SailPoint IdentityIQ to midPoint. 	<ul style="list-style-type: none"> ❑ Begin functional and non-functional testing. ❑ Complete configuration of TAP solution to meet Phase 2 requirements. ❑ Complete testing with Workday and UT System teams. ❑ Complete Phase 2 Go Live. ❑ Complete group build out for transitioning customers. ❑ Plan and begin external communications about upcoming changes. ❑ Finalize Phase 3 charter and project schedule for cutover from SailPoint IdentityIQ to midPoint.
Initiative 3: Right size data retention with identity lifecycles	<ul style="list-style-type: none"> ✓ Complete internal testing for the implementation of the Youth Protection Program affiliations. ✓ Deploy Youth Protection Program affiliations. 	<ul style="list-style-type: none"> ✓ Complete external testing for the implementation of the Youth Protection Program affiliations. 	<ul style="list-style-type: none"> ❑ Monitor Youth Protection Program affiliations usage. ❑ Investigate need for UT Highschool affiliation.
Initiative 4: Group and role management strategy	<ul style="list-style-type: none"> ✓ Deliver groups for D2I in Enterprise Group Services (Grouper). ✓ Communicate EGS availability to campus. 	<p><i>Completed in FY2023-2024 Q2.</i></p>	<p><i>Completed in FY2023-2024 Q2.</i></p>

IGA Initiatives

FY 2024-2025	Q1	Q2	Q3 and beyond
Initiative 1: Improve password security with new hash	<input type="checkbox"/> Continue transition of TED & FI/ST mainframe authentication to new hash.	<input type="checkbox"/> Complete transition of TED & FI/ST mainframe authentication to new hash.	<input type="checkbox"/> Retire old hashes and purge hash history.
Initiative 2: Reduce technical debt by modernizing tools (IGA Modernization Program)	<input type="checkbox"/> Complete security, functional, and non-functional testing and remediate issues for Phase 2. <input type="checkbox"/> Complete external communications about upcoming changes. <input type="checkbox"/> Plan and complete service planning for Enterprise Identity Manager (midPoint). <input type="checkbox"/> Complete Phase 3 Go Live.	<input type="checkbox"/> Monitor systems after transition – hyper care. <input type="checkbox"/> Retire SailPoint IdentityIQ service. <input type="checkbox"/> Define and finalize Phase 4 scope, charter, and project schedule. <input type="checkbox"/> Draft Phase 4 requirements.	<input type="checkbox"/> Complete Phase 4 requirements. <input type="checkbox"/> Complete Phase 4 design(s). <input type="checkbox"/> Complete configuration of TAP solution to meet Phase 4 requirements. <input type="checkbox"/> Complete security, functional, and non-functional testing and remediate issues for Phase 4. <input type="checkbox"/> Complete Phase 4 Go Live.
Initiative 3: Right size data retention with identity lifecycles	<i>(Additional work to be determined based on requests.)</i>	<i>(Additional work to be determined based on requests.)</i>	<i>(Additional work to be determined based on requests.)</i>
Initiative 4: Group and role management strategy	<i>Completed in FY2023-2024 Q2. Will be removed for next roadmap iteration.</i>		



Authentication Initiatives

FY 2023-2024	Q2	Q3	Q4
Initiative 1: Separate Guest and Enterprise SSO	<ul style="list-style-type: none"> ✓ Complete security testing. ✓ Prepare Guest Authentication for early adopters. 	<ul style="list-style-type: none"> ✓ Prepare Guest Authentication for early adopters. 	<ul style="list-style-type: none"> <input type="checkbox"/> Release Guest Authentication for general availability. <input type="checkbox"/> Onboard early adopters.
Initiative 2: Continuous improvement	<ul style="list-style-type: none"> ✓ Continue cloud native refactor of authentication services. ✓ Begin Metadata Manager Phase 2 (self-service features) configurations. ✓ Prepare to make OpenID Connect available. 	<ul style="list-style-type: none"> ✓ Prepare to make OpenID Connect available. ✓ Continue cloud native refactor of authentication services. 	<ul style="list-style-type: none"> <input type="checkbox"/> Make OpenID Connect available to the university, as appropriate. <input type="checkbox"/> Continue cloud native refactor of authentication services.
Initiative 3: Multi-factor authentication enhancements	<ul style="list-style-type: none"> ✓ Monitor and remediate issues post enablement of Duo Verified Push. <p><i>(Additional work to be determined based on priorities and investigations.)</i></p>	<p><i>(Reduced scope due to resource constraints.)</i></p>	<ul style="list-style-type: none"> <input type="checkbox"/> Plan implementation of Duo Device portal. <p><i>(Additional work to be determined based on priorities and investigations.)</i></p>

Authentication Initiatives

FY 2024-2025	Q1	Q2	Q3 and beyond
Initiative 1: Separate Guest and Enterprise SSO	<input type="checkbox"/> Continue transitioning customers to Guest Authentication.	<input type="checkbox"/> Continue transitioning customers to Guest Authentication.	<input type="checkbox"/> Continue transitioning customers to Guest Authentication.
Initiative 2: Continuous improvement	<input type="checkbox"/> Continue cloud native refactor of authentication services. <input type="checkbox"/> Continue Metadata Manager Phase 2 (self-service features) testing.	<input type="checkbox"/> Complete cloud native refactor of authentication services. <input type="checkbox"/> Complete Metadata Manager Phase 2 (self-service features) testing. <input type="checkbox"/> Extend self-service functionality for simple integrations in Enterprise Authentication to the university, as appropriate.	<i>(Additional work to be determined based on priorities and investigations.)</i>
Initiative 3: Multi-factor authentication enhancements	<input type="checkbox"/> Complete implementation of Duo Device portal. <i>(Additional work to be determined based on priorities and investigations.)</i>	<i>(Additional work to be determined based on priorities and investigations.)</i>	<i>(Additional work to be determined based on priorities and investigations.)</i>

Directory Services Initiatives

FY 2023-2024	Q2 		Q3 		Q4
Initiative 1: Retire WHIPS	<i>(Customer transition from WHIPS to uTexas Enterprise Directory (TED) is on hold due to resource constraints.)</i>				
Initiative 2: TED Cloud Resiliency	✓ Continue cloud native refactor of Directory Service services.	✓ Continue cloud native refactor of Directory Service services.	<input type="checkbox"/> Continue cloud native refactor of Directory Service services.		

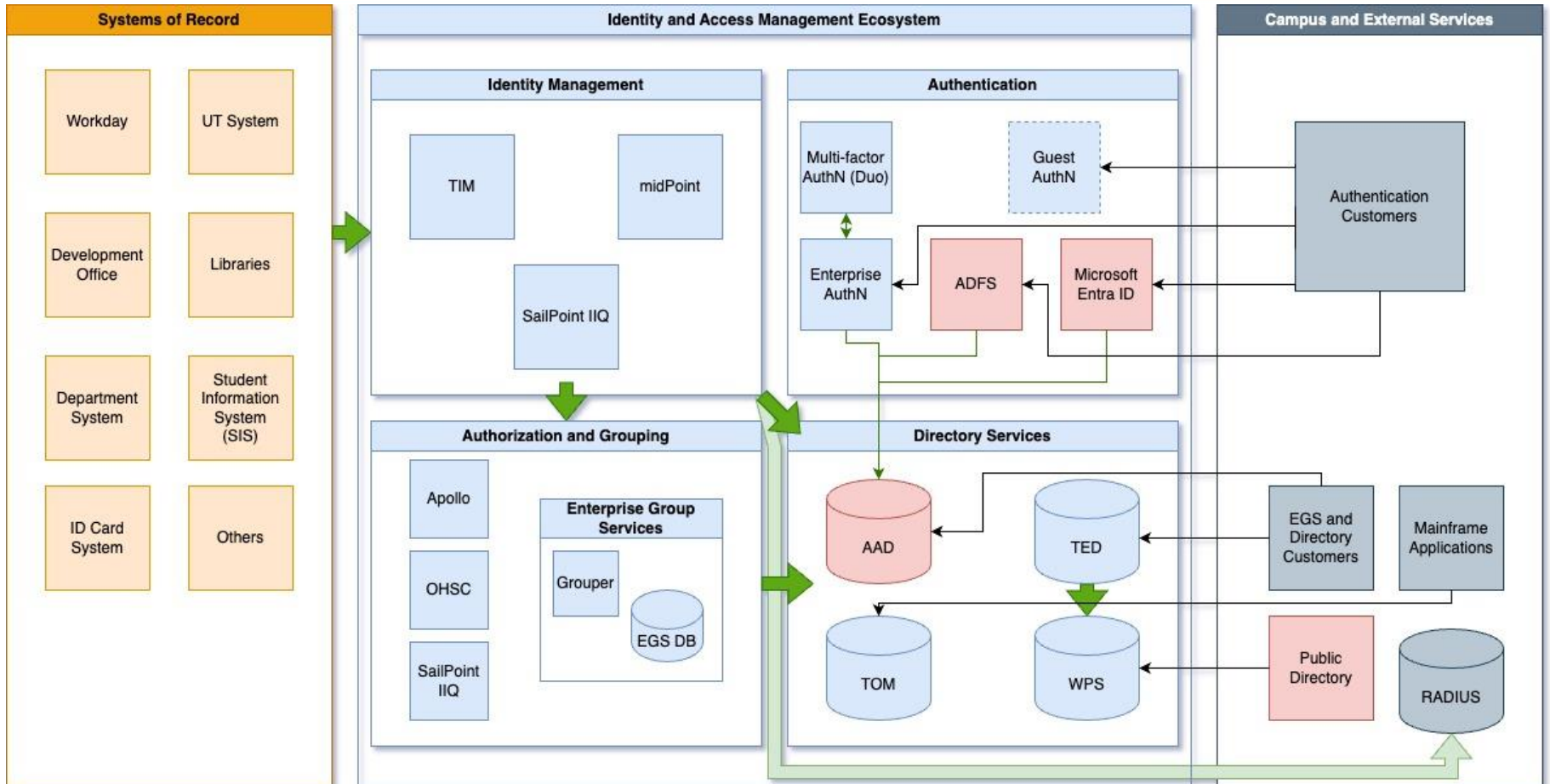


Directory Services Initiatives

FY 2024-2025	Q1	Q2	Q3 and beyond
Initiative 1: Retire WHIPS	<input type="checkbox"/> Begin removal of WHIPS dependency from directory.utexas.edu web application.	<input type="checkbox"/> Complete removal of WHIPS dependency from directory.utexas.edu web application. <input type="checkbox"/> Begin customer transition from WHIPS to uTexas Enterprise Directory (TED).	<input type="checkbox"/> Complete customer transition from WHIPS to uTexas Enterprise Directory (TED). <input type="checkbox"/> Retire and decommission WHIPS.
Initiative 2: TED Cloud Resiliency	<input type="checkbox"/> Continue cloud native refactor of Directory Service services.	<input type="checkbox"/> Complete cloud native refactor of Directory Service services.	Completed in FY2024-2025 Q2.

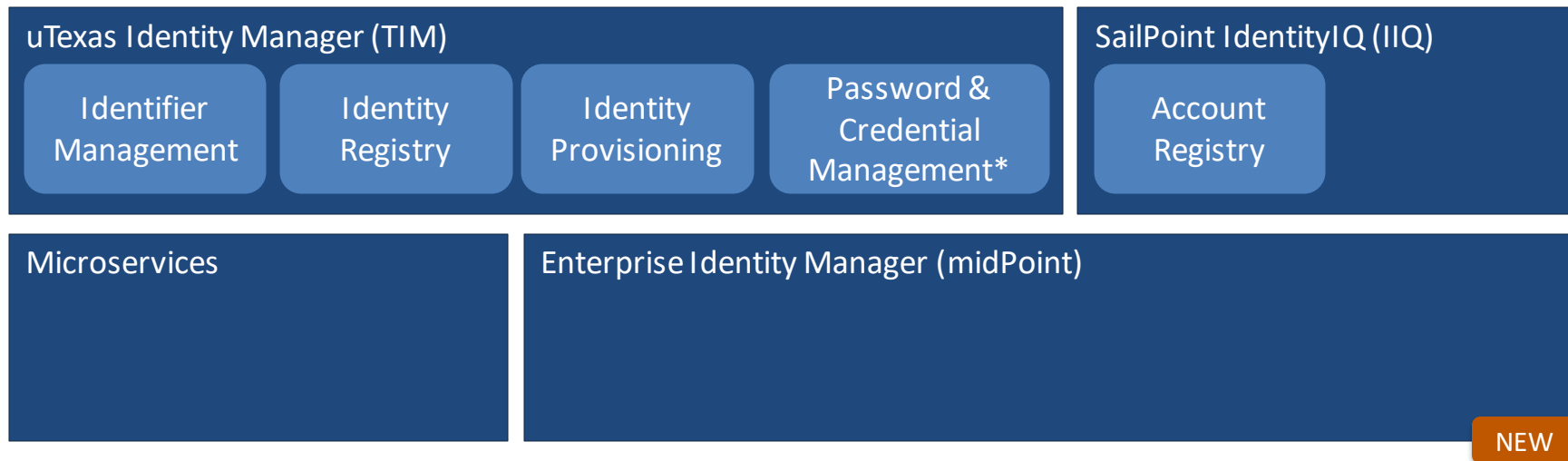
Appendix

Current State versus Planned Future State



Identity Governance & Administration (IGA)

Identity Management: Current State



* TIM & Duo

Identity Governance & Administration (IGA)

Identity Management: Planned Future State

uTexas Identity Manager (TIM)

Retired

SailPoint IdentityIQ (IIQ)

Retired

TIM Microservices

Identifier
Management

Mainframe
Broker

Enterprise Identity Manager (midPoint)

Identity
Registry

Identity
Provisioning

Account
Registry

Password &
Credential
Management*

NEW

* will include Privileged Access Management

Identity Governance & Administration (IGA)

Authorization Services: Current State

SailPoint IdentityIQ (IIQ)

Group & Role
Management

Authorization
Reporting and Review

Legacy Authorization Management

Apollo

*DPUSER

OHSC

Custom

Identity Governance & Administration (IGA)

Authorization Services: Planned Future State

SailPoint IdentityIQ (IIQ)

Retired

Legacy Authorization Management

Apollo

*DPUSER

OHSC

Custom

Enterprise Group Services (Grouper)

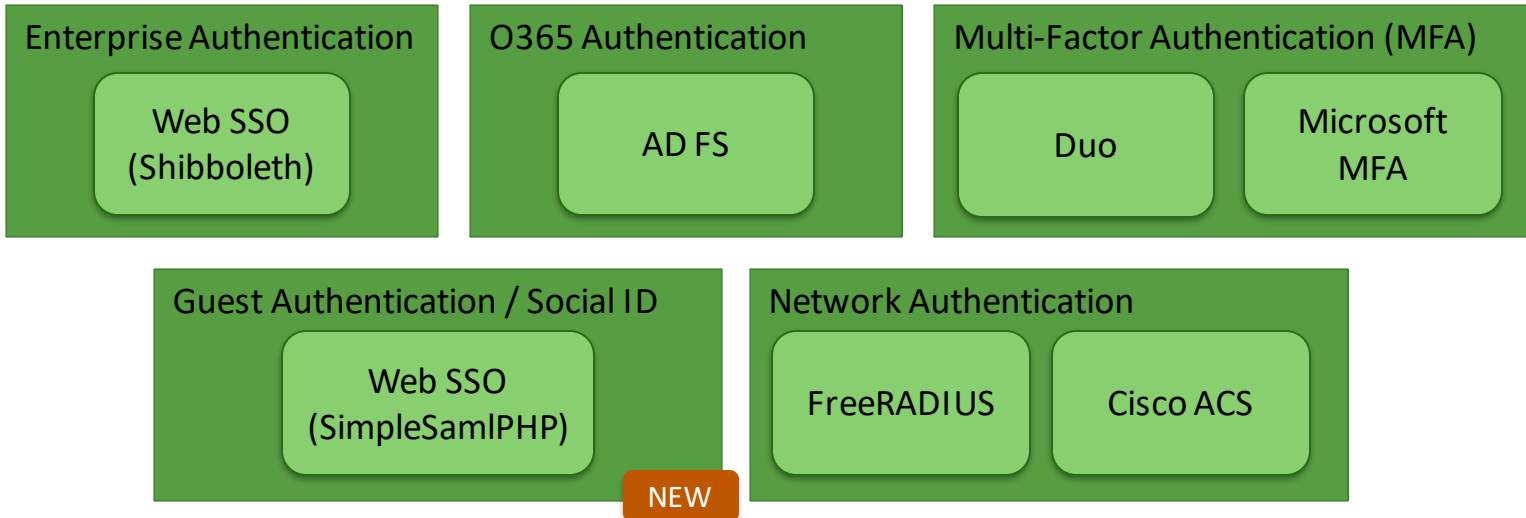
Group & Role
Management

Authorization
Reporting and Review

NEW

Authentication

Current State



* Managed by ITS Networking

** Managed by Collaborative Platform Services

Directory Services

Current State

Enterprise Directory - LDAP

TED (OpenLDAP)

Windows Management & AD Groups

(Active Directory)

Public Directory

WPS (OpenLDAP)

Enterprise Directory - Mainframe

TOM (Adabas)

** Managed by Collaborative Platform Services

Directory Services

Planned Future State

Enterprise Directory - LDAP

TED (OpenLDAP)

Windows Management & AD Groups

(Active Directory)

Public Directory

Retired

Enterprise Directory - Mainframe

TOM (Adabas)

** Managed by Collaborative Platform Services

IAM AT-A-GLANCE 2023



57.48 MILLION
AUTHENTICATIONS

3.54 BILLION
ENTERPRISE DIRECTORY
SEARCHES 








318 PROTECTED
APPLICATIONS AND
SERVICES

22.1 MILLION
PUBLIC DIRECTORY
SEARCHES 

10.77 MILLION
UT EIDs MANAGED



192,005
PASSWORD CHANGES

-  15.12% via ASSISTED RESET
-  84.88% via SELF-SERVICE
-  51.44% via EMAIL TICKET
-  18.33% via RESET QUESTIONS
-  15.12% via KNOWN PASSWORD

118 THOUSAND
UT EIDs PROTECTED BY
MULTI-FACTOR AUTHENTICATION 

ACCOUNTING FOR
3 MILLION
AUTHENTICATIONS PER MONTH

The Identity & Access Management (IAM) team provides tools and services to make sure that the right people have access to the right resources at the right time.

<https://iamservices.utexas.edu/>