

IAM Roadmap Quarterly Review (Q1, FY 2023-2024)

Updated: November 30, 2023

Key Roadmap Priorities

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

IGA Initiatives

FY 2023-2024	FY 2022-2023 Q4	Q1	Q2
Initiative 1: Improve password security with new hash	<i>(Reduced scope due to resource constraints.)</i>	<i>(Reduced scope due to resource constraints.)</i>	<input type="checkbox"/> Validate initiative purpose and priority. <input type="checkbox"/> Complete analysis and determine approach for 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"> ✓ Continue security, functional, and non-functional testing of TAP solution and remediate issues. ✓ Draft Phase 2 charter and project schedule. 	<ul style="list-style-type: none"> ✓ Deploy Production environment for Phase 1 Go Live. ✓ Continue functional and non-functional testing of TAP solution and remediate issues. ✓ Draft Phase 2 charter and project schedule. ✓ Draft Phase 2 requirements. 	<ul style="list-style-type: none"> <input type="checkbox"/> Complete Phase 1 Go Live. <input type="checkbox"/> Finalize Phase 2 charter and project schedule. <input type="checkbox"/> Finalize Phase 2 requirements. <input type="checkbox"/> Draft Phase 2 design. <input type="checkbox"/> Complete midPoint upgrade to incorporate requested functionality. <input type="checkbox"/> Begin configuration of TAP solution to meet Phase 2 requirements. <input type="checkbox"/> Plan and finalize functional and non-functional testing approach for Phase 2, including Workday team coordination.
Initiative 3: Rightsize data retention with identity lifecycles	<ul style="list-style-type: none"> ✓ Begin internal testing for the implementation of the Youth Protection Program affiliations. 	<ul style="list-style-type: none"> ✓ Begin internal testing for the implementation of the Youth Protection Program affiliations. ✓ Begin external testing for the implementation of the Youth Protection Program affiliations. 	<ul style="list-style-type: none"> <input type="checkbox"/> Complete internal and external testing for the implementation of the Youth Protection Program affiliations. <input type="checkbox"/> Deploy Youth Protection Program affiliations.
Initiative 4: Group and role management strategy	<ul style="list-style-type: none"> ✓ Continue Grouper Service Planning. ✓ Configure groups for D2I in Grouper. 	<ul style="list-style-type: none"> ✓ Complete Grouper Service Planning: Enterprise Group Services. 	<ul style="list-style-type: none"> <input type="checkbox"/> Deliver groups for D2I in Grouper.

IGA Initiatives

FY 2023-2024	Q3	Q4	FY 2024-2025 Q1 and beyond
Initiative 1: Improve password security with new hash	<input type="checkbox"/> Begin transition of TED & FI/ST mainframe authentication to 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"/> Finalize Phase 2 design. <input type="checkbox"/> Continue configuration of TAP solution to meet Phase 2 requirements. <input type="checkbox"/> Begin functional and non-functional testing for Phase 2. <input type="checkbox"/> Plan and begin external communications about upcoming changes. <input type="checkbox"/> Finalize Phase 3 charter and project schedule for cutover from SailPoint to midPoint.	<input type="checkbox"/> Complete configuration of TAP solution to meet Phase 2 requirements. <input type="checkbox"/> Complete security, functional, and non-functional testing and remediate issues for Phase 2. <input type="checkbox"/> Complete Phase 2 Go Live. <input type="checkbox"/> Begin external communications about upcoming changes.	<input type="checkbox"/> Complete Phase 3 Go Live. <input type="checkbox"/> Complete external communications about upcoming changes. <input type="checkbox"/> Retire SailPoint IdentityIQ service. <input type="checkbox"/> Define and finalize Phase 4 scope and project schedule. <input type="checkbox"/> Complete configuration of TAP solution to meet Phase 4 requirements. <input type="checkbox"/> Complete Phase 4 Go Live.
Initiative 3: Rightsize data retention with identity lifecycles	Completed in FY2023-2024 Q2.	Completed in FY2023-2024 Q2.	Completed in FY2023-2024 Q2.
Initiative 4: Group and role management strategy	Completed in FY2023-2024 Q2.	Completed in FY2023-2024 Q2.	Completed in FY2023-2024 Q2.



Authentication Initiatives

FY 2023-2024	FY 2022-2023 Q4	Q1	Q2
Initiative 1: Separate Guest and Enterprise SSO	<ul style="list-style-type: none"> ✓ Plan implementation of solution. ✓ Implement initial prototype. ✓ Continue to investigate additional Guest Authentication early adopter(s) and determine next steps. 	<ul style="list-style-type: none"> ✓ Complete Guest Authentication service planning. ✓ Scheduled security testing. ✓ Prepare for early adopters. 	<ul style="list-style-type: none"> <input type="checkbox"/> Complete security testing. <input type="checkbox"/> Onboard early adopters. <input type="checkbox"/> Release Guest Authentication for general availability.
Initiative 2: Continuous improvement	<ul style="list-style-type: none"> ✓ Begin Metadata Manager Phase 2 (self-service features) configurations. ✓ Create a service plan to extend self-service functionality for simple integrations in Enterprise Authentication. ✓ Complete cloud native modernization. ✓ Plan cloud native refactor of Enterprise Authentication. ✓ Investigate implementation of OpenID Connect. 	<ul style="list-style-type: none"> ✓ Begin cloud native refactor of Enterprise Authentication. ✓ Implement and test OpenID Connect. ✓ Update Enterprise Authentication service documentation and processes for OpenID Connect. 	<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. <input type="checkbox"/> Complete cloud native refactor of authentication services. <input type="checkbox"/> Complete Metadata Manager Phase 2 (self-service features) configurations.
Initiative 3: Multi-factor authentication enhancements	<ul style="list-style-type: none"> ✓ Investigate implementation of Duo Device portal. ✓ Escalated timing: plan and begin communications to roll out enforcing “impersonation-resistant” methods for general Duo population. This will disable Push, disable SMS, and enable Verified Push. 	<ul style="list-style-type: none"> ✓ Complete communications about enforcing “impersonation-resistant” methods for general Duo population. ✓ Disable Push, disable SMS, and enable Verified Push functionality for general Duo population. ✓ Publish telephony credit reduction findings. 	<ul style="list-style-type: none"> <input type="checkbox"/> Monitor and remediate issues post enablement. <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 2023-2024	Q3	Q4	FY 2024-2025 Q1 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"/> 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>	<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	FY 2022-2023 Q4  Q1  Q2		
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	✓ Plan cloud native refactor of Directory Service services.	✓ Begin cloud native refactor of Directory Service services.	❑ Continue cloud native refactor of Directory Service services.



Directory Services Initiatives

FY 2023-2024	Q3	Q4	FY 2024-2025 Q1 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.	Completed in FY2023-2024 Q3.	Completed in FY2023-2024 Q3.

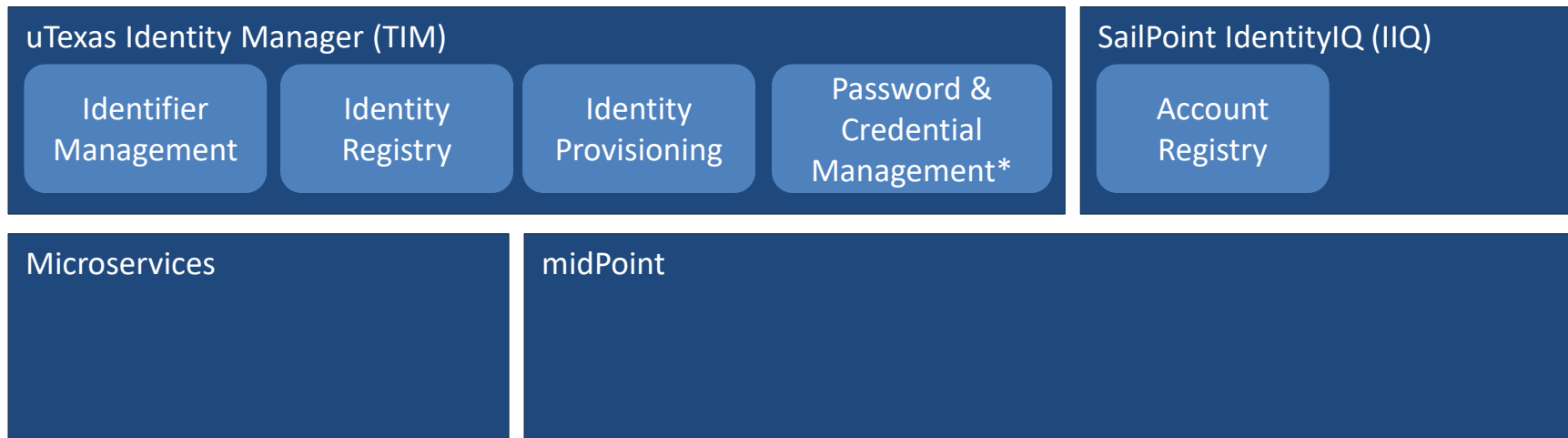


Appendix

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

Microservices

Identifier
Management

midPoint

Identity
Registry

Identity
Provisioning

Account
Registry

Password &
Credential
Management*

* midPoint or Azure Tool & Duo

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

Authentication

Current State

Enterprise Authentication

Web SSO
(Shibboleth)

O365 Authentication

AD FS

Multifactor Authentication

Duo

Microsoft
2FA

Guest Authentication / Social ID

Web SSO
(SimpleSamlPHP)

Network Authentication

FreeRADIUS

Cisco ACS

Directory Services

Current State

Enterprise Directory - LDAP

TED (OpenLDAP)

Windows Management & AD Groups

(Active Directory)

Public Directory

WPS (OpenLDAP)

Enterprise Directory - Mainframe

TOM (Adabas)

Directory Services

Planned Future State

Enterprise Directory - LDAP

TED (OpenLDAP)

Windows Management & AD Groups

(Active Directory)

Public Directory

Retired

Enterprise Directory - Mainframe

TOM (Adabas)