

Roadmap 2023-2024

Identity Security



TEXAS A&M UNIVERSITY

Technology Services

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Key Priorities

- **Authentication**

- Continue migration to cloud-native authentication (Entra ID)
- Develop Guest authentication platform

- **Identity Governance**

- Implementing SailPoint, an internal infrastructure project to replace code that manages the NetID lifecycle



Authentication Initiatives

Initiative	Phase 1	Phase 2	Phase 3
Reduce Usage of CAS & Shibboleth	Audit CAS/Shib registries for stale entries & remove them.	Identify apps with high authentication event volume and plan a migration path.	Begin reaching out to custodians of older low-volume apps and discuss migration.
Migrate Applications to Cloud-Native Authentication	Continue to onboard new apps & educate community on Microsoft Entra ID.	Continue to onboard new apps & educate community on Microsoft Entra ID.	Investigate adding additional metadata as extended attributes in Microsoft Entra ID.

Authentication Initiatives

Initiative	Phase 1	Phase 2	Phase 3
MFA Enhancements	Investigate approaches to reducing telephony usage. Complete refactor of MFA self-registration.	Implement approaches to reducing telephony usage. Plan rollout of Verified Push functionality.	Begin stressing “phish-resistant” methods for general Duo population.
Separate Guest & NetID Single Sign On	Procure development environment of guest authentication platform & test user workflows.	Create transition plan for apps which need to support parent authentication.	Migrate apps to new platform as needed to support guest authentication.



Authorization Initiatives

Initiative	Phase 1	Phase 2	Phase 3
Reduce Services Allowing Birthright Access for NetIDs	Catalog older Entra ID applications which allow auth from any NetID.	Begin migrating apps to <i>User Assignment Required</i> .	Expected to be substantially complete.
Group Management	Investigate new group management functionality in SailPoint.	Test SailPoint group creation and management.	Design workflows for group management and approvals.

Identity Governance & Administration (IGA) Initiatives

Initiative	Phase 1	Phase 2	Phase 3
SailPoint IdentityNow Implementation	Complete test feed data imports and attribute mappings. Mirror roles and lifecycle rules.	Ensure provisioning setup for downstream targets like M365 & Google work as expected.	Launch IdentityNow as replacement for “The Merge”.

For questions about this roadmap,
please contact **identity@tamu.edu**.



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