IAM Program Plan Overview (Benefits)– February 10, 2014

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Harvard IAM Program	2014												2015												2016												2017					
	Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2			Q3			Q4			Q1			Q2		
	January	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June	July	August	September	October	November	December	January	February	March	April	May	June
Sailpoint	**Simplify Account Management** A user will be able to change their password on multiple key target systems (e.g. PIN, Exchange, Google Apps) via a single operation						**Reduce Manual Processes for Guest Sponsorship** Shift the manual creation of a sponsored guest from administrators of identities to end users initiating the request and allow a sponsor to directly manage external person's identity and access						**Simplify Role Transitions** A resource what has transitioned from one role (e.g. contractor) to another (e.g. employee) will keep the key accounts and access to resources they have without requiring a complex migration						**Expand Access to Resources (Resource Catalog)** A user will be able to see what applications they have access to and which applications they can request access to via SailPoint						**Expand Access to Resources (Email)** A user will be able to find contact and calendar information (e.g. free/busy) for users across all participating Harvard Schools						**Increase Self Service** A user will be able to make account management updates and request access to resources directly through a portal rather than going through the help desk					
							Simplify Management of User Access Simplify the ability to request access for users						**Revoke User Access Quickly** Remove end user access across resources in a streamlined fashion and reduce administrative touch points to remove user access.						**Reduce Local Administrative Overhead** Enable to provisioning of users to local applications for easier management of access privileges to Harvard resources						**Reduce Number of User Management Toolsets** Enable a person administrator to provide a user access across directory stores with a single tool											
Federation							**Expand Access to Resources** A user will be able to have access to an increasing number of internal resources via InCommon and IAM relationships with Harvard communities												**Expand Access to Resources** A user will be able to have access to an increasing number of external resources via InCommon and IAM relationships with external communities																	
Directory Services	**Match identities Across Different Domains** Expand the number of attributes, including adding a unique identifier, to correlate identities across federated systems												**Improve Security Posture of IAM Services** Retire end of life applications that are not providing the needed provisioning and authentication services																		**Incorporate Discoverability** Incorporate the use of researcher identifiers into the directory services to enable global tracking of authorship of published resources											
App Portal	**Simplify Application Setup** Application owners will use an online application portal that will lead them through the process of integrating their application with IAM services												**Reduce Security Development Burden** Provide standard authentication libraries to application owners to reduce likelihood of errors resulting from duplicate development efforts						**Reduce Complexity of IAM Integration for Cloud and Third Party** Define a standard set of identifiers and attributes about Harvard users that are based upon InCommon																	
One Way Federation	**Expand Access to Resources (central)** A user will be able to access PIN-authenticated central applications using local school credentials instead of their HUID						**Improve Collaboration across School Boundaries** Allow use of local school credential to access data and applications across the University						**Allow Choice of Credentials** A user will be able to have a single preferred login name and password for access to an increasing number of applications both internal and external to the University																							
Identity Access Governance																			**Improve Situational Awareness** Perform automated alerting and take actions to remediate harmful activity with requiring human intervention						**Improve Visibility into Application Access** Provide guidance and libraries to provide advanced auditing and logging functionality, including the capability to track user activities within an application						**Limit Unauthorized Access to User's Data** Introduce alerting of unusual access patterns and other security events to limit unauthorized access to a user's data					
Authentication Enhancements													**Reduce Number of Logins** A user will have fewer instances of being asked to log in after accessing an application, and then another application						**Reduce Risk of Identity and Account Compromise** Implement multifactor authentication to provide additional authentication assurance									**Enable Choice of Identity** Allow users to bring their own identity from participation in Social Media Online Communities to access Harvard resources						**Reduce Administrative Overhead and Development Time** Mobile App Owners will be able to integrate with Harvard credentials using CAS/PIN for their mobile applications					
Authorization Enhancements													**Simplify Administration of Groups of Users** Allow a given change to affect a set of users rather than forcing separate operations and multiple administrative updates for each user												**Simplify Application Administration** Provide a central IAM authorization service to manage coarse-grained access control and expose an enhanced set of attributes to determine appropriate access control												**Expand integration with Desktop** Streamline login experience for the user to the workstation and desktop applications					
External Directories																**Improve Security of Information** Leverage the identity assurance attributes for increased confidence in a user's identity																					**Expose Departmental Information** Create a new web application that provides advanced internal directory of departmental information					
Expanded Provisioning																																			**Improve Security of Machine to Machine Communication** Validate that non Standard users such as User Communities or resources (e.g. microscopes) and protocols when acting as initiating machines have proper credentials for authentication											
Cloud Migration	**Provide Best Practices** Provide cloud guidance and best practices, along with lessons learned, for future implementers of cloud application hosting at Amazon Web Services for Harvard						**Reduce Development Costs** Reduce the costs associated with infrastructure deployment by taking advantage of the cloud's economies of scale						**Improve Reliability of IAM Services** Leverage Amazon Web Services to provide hosting for IAM Services to increase the agility of service enhancements and improve the uptime of application authentication services																							