

Workstream Timelines and Resource Estimates Table

Matrix below shows major workstreams in columns and the tasks / deliverables over 6 to 24 months in rows.

Resources Estimates assume 1 FTE for **Low**, 3 FTE for **Med**, and 5 FTE for **High**. This is the estimated number of development or support resources needed for the specified tasks / deliverables per period.

	Registry	E st	Identity Data and Application Integration (including Provisioning)	E st	Access Mgmt	E st	Authentication Mgmt	E st	Shared Services	E st
< 3 mon ths	ID Match: - Review/approve high-level requirements - Identify PM & developer - Write/approve implementation specs Registry: - Review PSU, OR, KIM - Make recommendation	M ed	- Convene interested parties - Refine workstream task list - Select use cases for demonstrator implementations	Lo w	- ID new use cases - Document new use cases - First iteration of API standards	M ed	- Convene interested parties	Lo w	- Convene standards /API team	Lo w
< 6 mon ths	Registry - Decide on what to build - Identify PM /developer - Decide on investment needs - Solicit investment - Implementation specs ID Match: - Write code - Begin testing	Hi gh	- Toolkit for System of Record (SOR) -to- Registry integration - Person identity schema mappings to/from RDBMS/SCIM /SAML/LDAP - Demo/Reference SOR-Reg integration solution (e.g., Oracle HCM or Workday to Registry) built with toolkit	M ed	- Review workflow tools - Initial implementation of standards with/in Grouper/KIM	M ed	- Confirm analysis/gaps	Lo w	- Convene cross stream project steering team - Publish initial standards - Publish baseline policy & lifecycle use cases	Lo w
< 12 mon ths	ID Match: - Testing complete - Packaging & dates - Deploy Registry: - Development - Testing plan - Define interfaces	Hi gh	- Toolkit for Registry -to- Identity Consumer System integration (ICS) - Demo/Reference Reg-ICS integration solution (e.g., Registry to Account & Credentialing System, SIS & LMS) built with toolkit - Toolkit of identity data and application integration services	Hi gh	- Complete POCs - Decide on investment needs - Use of APIs with/in community (uPortal, Kuali apps, mobile, etc)	M ed	- Assess password management requirements & existing code - Assess OAuth requirements	M ed	- Establish UI mgmt console team and environment - Establish QA /Integration team and environment - Establish Audit /Report team requirements	Hi gh
< 18 mon ths	Registry: - Testing complete - Packaging & date - Early adopter deployment - Marketing materials	M ed	- Reference implementations of identity data and application integration services bundled as installable pac kage(s) - Implementation of useful platform integration plugins (Sp ring, .NET, PHP, etc)	M ed	- Implementation of useful platform integration plugins (Spring, .NET, PHP, etc)	M ed	- Deliver beta password management services in registry, portal context	M ed	- Create baseline management console - Create baseline QA /Integration tests - Create baseline data warehouse and reporting - Establish training & support team	Hi gh
< 24 mon ths	Full deployment	Lo w	- Configurable identity & affiliation lifecycle management engine bundled as an installable package - Implementation of useful platform integration plugins (Sp ring, .NET, PHP, etc)	Hi gh	- Access audit & monitoring (Access requirement fulfillment)	Lo w	- Assess social to SAML gateways? (Ties to Registry and/or Acct Management; Need identities)	M ed	- Create 2nd version of audit/reports - Create 2nd version of mgmt console - Create baseline training & support program	M ed
Gim me	- Established code - SIDS		- Existing open source integration stacks: Kuali Rice , Apache ServiceMix - Registry <=> LDAP integration		- KIM/Grouper - BPEL & workflows		EDUROAM/Radius CAS, Shibboleth, Kerberos		KEW Developer tools	