

TAC-2014-Priorities (rollup from 2-3 year timeframe)

(sub-bullets are examples; not a definitive list)

Goals (bold), Example Efforts (bullets)	Recommended Efforts	Specific Tasks
• Making it easier to federate IdPs and SPs	Make it easier for entities to install, configure, and manage IDPs, and interoperate within the Federation and on their campus (particularly for small and mid-sized institutions as well as K-12)	-- work with other Federations to define and develop a “managed service offering” (either thru Affiliates or from the Federation) -- develop an IC-recommended set of IDP template config files -- develop a set of cookbooks and templates for configuring an IDP to address specific use cases, situations -- find a tool to simplify the process of editing XML files -- publicize, and encourage campuses to use, the current tools to create and manage localized custom metadata aggregates
o Social 2 SAML	InCommon should make available a Social-SAML Gateway providing some level of service at no additional license or charge to all non-commercial SPs	-- work with the community to define an acceptable “minimum service level” available from a no-charge S2S gateway -- work with IC OPS to deploy such a service, and measure its use
o Community specific IdP(s)	InCommon should arrange for the availability of an “IDP-of-Last-Resort”; users from entities that do not run SAML IDPs could register here and be able to authenticate via SAML to SPs (no	-- develop the requirements for such an IDP (registration policy, renewal, policy re adding attributes to an identity, SLA, support policy, etc) -- work with partners to develop a

	attributes?; how different from google + S2S ?)	business and deployment plan -- develop and support a deployment plan (in partnership with an Affiliate, a campus, or operated directly by IC); help in the development of the policy
o "Federation Ready": Easy deploy installers, guides, config mgrs	InCommon should provide a simplified process for applications to become Federation-resident SPs (perhaps with limited SP functionality; see UK, Canada, Australia REFEDS slides - https://refeds.org/meetings/nov13/)	-- investigate and evaluate approaches being taken by other Federations, and develop recommendation(s)
	InCommon should provide guides, config mgrs, and templates to help sites evolve their IDPs and SPs to meet requirements beyond the initial standard set of requirements	
• Increasing value of InCommon Participation	InCommon Provide tools and services to make it easier for sites to obtain value from InCommon	
	Provide campus CIOs with a roadmap showing federation and enterprise IAM strategic directions on a regular basis, including sequencing and a timeline. This roadmap should include the value for member institutions, as well as the expectations placed on those institutions.	-- help to develop communication mechanisms -- on a regular basis, help to develop the content for such a newsletter
	InCommon should provide campus CIOs with documentation, case studies, templates and other tools to help CIOs	--help to develop this material

	create local roadmaps for identity and access management. This should include information about the business value derived from implementing the steps in the roadmap.	
	Work with EDUCAUSE Higher Education Information Security Council (HEISC) to provide campus CIOs with documentation showing the benefits of identity assurance in a broader institutional security and risk management program.	
	Raise the participation bar for operating an IDP within InCommon (eg info that each member must publish or provide), so that other members can more easily interoperate with them	-- define the new technical and policy standards for membership in IC (perhaps taking multiple stages to get to the highest level)
	Develop and provide best practice information for managing identities and Assurance for both non-credit and credit online courses	
	InCommon should work with the COMMIT project to develop the business, policy, and technical models for an IDP serving members of the K12 community accessing Higher Ed SPs	
o Delegated admin, other tools	Delegated admin, other tools	
o localized custom metadata aggregates	Tools to create and manage localized custom metadata aggregates	

o Expanding as a services organization: managed services, support	InCommon should offer a managed hosting service offering 1) a campus service (SAML IDP, eduroam), and 2) a simplified framework and process for applications to leverage SP functionality (eg Aus, OKTA)	
o high-value commercial services in federation	Scaling, Maturing, and Hardening Federation Operations to address growth	
o Scaling, Maturing, and Hardening Federation Operations	Simplify technical interop with NetPLUS providers	
	Work with vendors to Shib-enable popular apps that campuses run locally (eg Banner, Oracle ERP apps)	
	Promulgate a vision for integrating CAS and SHIB (Shib IDP v3)	
	InCommon operated Help desk	
• Interfederation		
o international	Sign the eduGAIN Participation Agreement	
o regional	Operationalize participation in eduGAIN	work with IC OPS, drawing on the experience in other Federations, to obtain and develop technical tools and best practices for leveraging membership in eduGAIN
o cross sector	Work with regional and K12 groups to develop tools (metadata mgmt), business	

	processes, and policy for the operation of regional federations, and interoperation with these federations	
o federal gov		
• Innovation, influence and leadership where it matters	COMMIT	
o e.g., REFEDs, NSTIC, IETF, OASIS, IIW, US Gov, TF-EMC2, FIDO		
o Middleware Software Development & Coordination	Develop strategies that make IAM accessible and affordable to the US Higher Education community.	
	Promulgate signed agreements and business models for the operation of a partnership supporting the CIPHER Effort	
	Define the CIPHER goals -- eg For a campus IDM system, create a set of use case cases and requirements, define an architectural model (actors and responsibilities), interfaces supported by each actor, and a model implementation of each of the actors.	
	Foster the adoption of common institutional policies and practices for identity management that are supported by pre-configured, readily-deployed CIPHER distributions.	
	Develop and promulgate best practice	

	models for managing the new communities (eg applicants, alumni, parents, online students, etc)	
	Integrating mobile devices into the Higher Ed authN/Z frameworks	
	Develop conformance testing frameworks for CIPHER components, to ensure interoperability	
	Foster the availability of "Identity as a Service" offerings to campuses that want to adopt that approach.	
• Putting trust & privacy into Identity		
o Refining Assurance Program to meet our needs	FICAM profile requirements are a problem; lots of value, tho, in helping campuses identify gaps in their practice and remedy them	
o Multifactor Authentication (MFA)	Communication with campuses to develop a new consensus around the meaning and practice of privacy	
o Building a privacy infrastructure (end entity categories, user consent tools)	Help campuses adopt the recommended practices coming from the MFA Cohortium (the MCB, templates for common configurations and uses of the MCB with 2-factor technologies, using 2-factor with campus ERP and LMS systems, etc)	
	Deploy a Federation-based infrastructure supporting privacy (end entity categories,	

	RequestedAttribute elements, user consent tools, approach for attribute aggregation (eg NAME))	
	Develop some recommended practices related to trust elevation (particularly with respect to social accounts)	
• Teaching and Learning Support		
o K12 synergies		
o High value services: LMS system integration		
• Research Support		
o Outreach	IDP of last resort	-- Conduct outreach to research concurrent with SC meeting -- (communication, outreach) Develop relationship with several key orgs/individuals willing to work with us to develop and pilot new trust and research-enabling services -- Engage NSF/NIH regarding newly funded projects and endorsement of identity-enabled collaboration platform -- Identify interested VOs, Identify their members who are not running IDPs, and work with them. -- Identify a "Wendy Huntoon" for identity
o Collaboration Services	Make it easy for a research project to deploy and use a collaboration platform	-- provide a managed service supporting collaboration, or a VM image

		-- Research-specific IDP for individuals who do not have fed credentials -- work with VO member campuses that are not releasing attributes
o 2 more major research projects	Improved communication to important campus-based Roles (eg to sell participation in R&S, etc)	
	A Federation-based service that a research project could contact; the project would pass along the names of member campuses, and the service would contact non-IC members and encourage and support them operating an IDP	
	Make it easier for entities to install, configure, manage, and WRAP their applications with SP functionality. (see AUS service)	

Efforts: ITEMS NOT Mentioned: