

Working Group Name: InC-Quilt Pilot Technical WG

Mission/Purpose:

Develop (and test where possible) a technical infrastructure to enable extending InCommon federation services to K-12 and smaller institutions (e.g. Community Colleges, Small private and public colleges and universities, and other US Community Anchor Institutions) leveraging the R&E Network Providers.

Background:

- Group was formed as an outcome of a Quilt/InCommon Federation Workshop, Winter Quilt Meeting, La Jolla, CA 2013
- Near term goal is to develop a technical framework for a hierarchical federation model and to help define pilots for testing the framework

Working Group Expected Outcomes:

(Tentatively by April 2013 I2MM- at least for informing Pilots)

1. Clarify details around the configuration options of the hierarchical/hybrid model for federation developed at the Quilt/InCommon workshop – specifically:
 - a. Identify the basic technical models that correspond with the regional readiness levels
 - b. Identify the technical pieces that must be common across all the models. What is non-negotiable from a technical standpoint (integration points)
 - c. Identify where regional can have flexibility
2. Where possible, test proposed configurations to validate functionality and feasibility and document efforts (e.g. MDA, IdP Proxy, Multi-scoped IdP, etc.)
3. Based on the above, suggest pilots (or pilot requirements) that will confirm or refute the options of the proposed technical federation model
4. Work closely with the Administrative/Policy and Pilot Development Working Groups to ensure the technical model will be able to implement the new business model(s) and policies and be validated via pilot implementations

Working Group Membership:

- Mark Scheible, MCNC
- Paul Caskey, University of Texas System
- Bernie Acs, NCSA
- Tim Rue, OSHEAN
- Mark Beadles, OARnet
- Keith Hazelton, University of Wisconsin, Madison (esp. for attribute/schema work)
- Don Welch, MERIT
- Will Turner, MERIT (volunteered by Don)
- Brian Burkhart, OneNet
- David Bantz, University of Alaska
- Tom Scavo, InCommon (volunteered by JohnK)
- Chris Giordano, MOREnet (volunteered by Chip Byers)
- Steve Thorpe, MCNC (Scribe)
- Steve Olshansky, Internet2/InCommon (Flywheel)

Operating Agreement

- One hour conference call meetings (e.g. every two weeks) and informal face-to-face meetings at annual Conferences and/or other meetings as scheduled (e.g. ACAMP, Regional meetings)
- Additional meetings during active development/testing or as needed and agreed upon
- The chair will develop the agenda through e-mail
- Team decisions will be made by consensus
- Team members are expected to respect the confidentiality of others – on calls, on the listserv, and in protected areas of Wiki/Box site
- Avoid duplication of effort (communicating with other Internet2 and EDUCAUSE working groups, etc. – e.g. InCommon Interfederation TAC Group, REFEDS, etc.)