

# IAM Online

## InCommon Technical Advisory Committee 2017 Work Plan

March 22, 2017

Mark Scheible, MCNC, TAC Chair

Janemarie Duh, Lafayette College

Mike Grady, Unicon

Nick Roy, Internet2

Keith Wessel, University of Illinois Urbana-Champaign

Albert Wu, UCLA

# Agenda

1. Welcome and introduction - Mark Scheible, MCNC and TAC Chair
2. TAC 2017 Work Plan
3. 2018 Work Plan
4. Quick Updates

# InCommon Technical Advisory Committee (TAC)

The InCommon Technical Advisory Committee provides recommendations to InCommon Steering and InCommon Operations on technical issues relating to the operation and management of InCommon.

TAC - Develops recommendations on strategies for the longer term.

InCommon Operations (Ops) - Delivers services and functionality.

TAC Public Wiki - meeting minutes, work plan

<https://spaces.internet2.edu/x/Swk>

# TAC Process

- TAC does most of its work by convening Working Groups
  - TAC develops a Charter, scopes the work, and sets a timeline
  - The new Working Group is announced via the Participants' list
  - Interested community members join the group, and develop the recommendations
    - Work is done via email, regular conference calls, and document development
  - Reports and documents are forwarded to the TAC for review
  - Reports and documents are then forwarded to the appropriate place (InCommon Steering, InCommon Ops, Trust/Identity management, etc)

# 2017 InCommon TAC Work Plan

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**InC TAC**

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## InCommon Technical Advisory Committee

### About

The InCommon Technical Advisory Committee (TAC) supports InCommon's mission "to create and support a common framework for trustworthy shared management of access to online resources." It is an advisory body to the InCommon Steering Committee. It provides advice on InCommon's operational processes and practices, strategies, capabilities, and roadmap to InCommon Steering and InCommon Operations (OPS). The TAC meets biweekly throughout the year. Members serve three-year terms.

### 2017 Work Plan

TAC has drafted its work plan for 2017, consisting of the priority technical items to be accomplished by the end of the year. A March 22 webinar presented the plan to the community and asked for input. Comments are welcome through March 29, 2017.

### TAC Charter and Current Members

**Charter** - The InCommon TAC charter is available on the InCommon website

**TAC Members:**

- Mark Scheible, MCNC – Chair
- Janemarie Duh, Lafayette College - Vice-Chair
- Tom Barton, University of Chicago
- Steve Carmody, Brown University
- Eric Goodman, University of California Office of the President
- Mike Grady, Unicon
- Walter Hoehn, University of Memphis

<https://spaces.internet2.edu/x/Swk>

**Technical Discussion List**  
Follow discussions about InCommon technical issues or current trends or ask technical questions related to federation.  
List: [technical-discuss@incommon.org](mailto:technical-discuss@incommon.org) To subscribe, send email to [sympa@incommon.org](mailto:sympa@incommon.org) with the Subject: **subscribe technical-discuss**

**Scheduled 2017 Meeting Dates**

- March 30
- April 13
- April 27
- May 11
- May 25

# 2017 Work Plan

1. Next Steps with OIDC - Albert Wu
2. Discovery 2.0 - Nick Roy
3. Attribute Release - Mike Grady
4. Federation Interoperability - Nick Roy (on behalf of Keith Wessel, WG chair)
5. Service Provider Onboarding - Janemarie Duh
6. Improve Community Access/Visibility to TAC - Mark Scheible

# Next Steps with OIDC

## 1. OIDC Survey Working Group report

- Consultation open through Friday, March 24
- <https://spaces.internet2.edu/x/5YGTBq>

## 2. Proposed next steps

- Work with TIER and community to support OIDC/OAuth in TIER products
  - Add OIDC/OAuth as additional protocol in Shibboleth
  - TIER API
  - Will need to find appropriate financial model to fund the efforts
- Convene/join community working group to develop OIDC/OAuth federation standards and practices
  - Develop higher education deployment
  - Develop higher education attribute schema for OAuth2 claims

# Discovery 2.0

## 1. Need for a new approach to Identity Provider discovery:

- Per-entity metadata will break a mechanism that supports the old discovery model
- Huge number of global R&E IdPs also makes some discovery interfaces difficult to use (and spawns a heterogeneity of interface behavior, some very broken)
- Other models such as OpenID Connect use other drivers for discovery
- Maybe we are heading back to a world where central discovery again makes sense?



# Attribute Release

1. Problem: How to broaden the usefulness of federated authentication
  - Strategies and outreach for more open attribute release policies
2. Research & Scholarship approach and shortcomings
3. Identify and take advantage of parallel efforts (Steering, REFEDS)
4. Identify stakeholder communities that need convincing/are influential
  - IT Leadership, Senior Research Leadership, Registrars, Funding Agencies, Legal Counsel
  - Survey(s)
  - Develop & deliver persuasive arguments for release
5. Make it "technically easy": Recipe(s) involving entity categories, privacy indicators, identifiers, consent, ...

# Federation Interoperability

1. Purpose: Improve the baseline requirements in SAML2int and address additional requirements for deployers in an InCommon profile
2. Charter: <https://spaces.internet2.edu/x/6oLmBQ>
3. Working group wiki: <https://spaces.internet2.edu/display/DPWG>

# Federation Interoperability - Progress So Far

1. Created a list of requirements using outstanding items from the Interoperability Profile WG, known best practices, and other sources
2. Sorted requirements into items for SAML2int addition, items for an InCommon deployer profile, and items not for a profile
3. Tackled a few tough issues: identifiers, XML encryption, federated logout requirements

# Federation Interoperability - What's Left to Do

1. Put requirements into normative language
2. Help get SAML2int formatting updated so that it can accept additional requirements
3. Create Deployment Profile out of remaining requirements
4. Potentially present Deployment Profile to Refeds for broader adoption
5. It's not too late to help
6. If interested, you can join our mailing list or weekly calls. Details on the WG wiki page

# Service Provider Onboarding

1. Charter a Working Group to collect requirements for SP onboarding
  - Identity Provider organizations test and onboard new service providers
  - Improve onboarding processes
2. Goals
  - Reduce the burden on IdP organizations
  - Reduce the variance among SP configurations
  - Increase interoperability

# Service Provider Onboarding

## 3. Work items

### 1. Collect community issues

- Explore how IdP orgs onboard SPs
- Possible short-term Survey Group

### 2. Define requirements

- Standardize SP/IdP integration technical vocabulary

### 3. Recommend practices

- Better alignment across federation SPs
- Value proposition for SPs that follow them

# Improve Community Access/Visibility

1. New TAC wiki site (<https://spaces.internet2.edu/x/Swk>)
  - Links to TAC information, Current Projects, Working Groups, Minutes, etc.
2. Meeting minutes are public within two weeks (prior to following mtg)
3. New email list: [technical-discuss@incommon.org](mailto:technical-discuss@incommon.org)
  - To subscribe, send email to [sympa@incommon.org](mailto:sympa@incommon.org)
  - With the subject: subscribe technical-discuss
4. TAC Webinars, conference sessions as needed
5. Share annual work plan for community input/comments

# 2018 Work Plan

1. Review of 2017 and kick-off of 2018 development process for project planning and community input during a 2017 TechEx session (Oct. 15-18 in San Francisco)



# Quick Updates

## InCommon Shibboleth Installation Workshops

Trainings will begin to shift to the TIER version of Shibboleth, likely starting in July.

1. April 4-5, Ann Arbor, Michigan
2. June 14-15, Denver, Colorado
3. July (dates TBA), Easton, Pennsylvania
4. November 7-8, Bethesda, Maryland
5. TBA, Seattle, Washington

## April IAM Online - April 12 (2 pm ET)

Google 2-Step and Duo MFA Compared (and what about Shibboleth?) - Rich Graves, Carleton College and St. Olaf College

# Evaluate Today's IAM Online

<https://www.surveymonkey.com/r/IAM-Online-Mar-2017>