

# CACTI Public Meeting Notes of 4-Aug-2020

## CACTI Call August 4, 2020

### Attending

#### Members

- Tom Jordan, University of Wisc - Madison (chair)
- Jill Gemmill, Clemson (vice chair)
- Margaret Cullen, Painless Security
- Matthew Economou, InCommon TAC Representative to CACTI
- Michael Grady, Unicon
- Christos Kanellopoulos, GEANT
- Les LaCroix, Carleton College
- Chris Phillips, CANARIE
- Bill Thompson, Lafayette College

#### Internet2

- Kevin Moroney
- Ann West
- Steve Zoppi
- Nic Roy
- Jessica Fink
- Emily Eisbruch
- Mike Zawacki

#### Regrets

- Marina Adomeit, SUNET
- Rob Carter, Duke
- Nathan Dors, U Washington
- Karen Herrington, Virginia Tech

Intellectual Property reminder <https://www.internet2.edu/policies/intellectual-property-framework/>

#### Action Items:

- Al Tom J will share these Aug. 4, 2020 meeting notes related to the packaging survey with the Software Integration Working Group and will chat with them.
- Al ChrisP share recommendations he plans to send out to his community around containers.
- Al Jessica - help coordinate a quarterly update from CACTI to community on best practices, trends and directions (coordinate with other InCommon governance groups)

## Discussion

### Of Interest in the Community

- Some organizations are registering collaborative research portals in InCommon
- EDUCAUSE Security Conference 2021 Planning Committee met - Jill
- Heather Flanagan did a **Twitter livestream**, including Mary McKee of Duke
  - focus on differences between healthcare identity management and academic identity management.
  - See Heather's twitter feed <https://twitter.com/sphcow>
- **IDPro**: Chris P noted that Heather's advocacy and the work we are doing with IDPro is making a difference, having the R&E voice in **ID Pro** is important
- **Azure** - ChrisP doing a deep dive on how to get IDP as a proxy, how do you get eduperson in Azure  
Talk to ChrisP if you are interested
- **WebID** efforts
  - regular calls are spinning up on WebID
  - people involved include Heather Flanagan, Leif Johansson of SUNET, Sam Gotto of Google, Jeff Hodges, George Fletcher of Verizon Media, Nic Roy
  - It is helpful to get Browser people directly involved in the discussion
  - ChrisP: there is some re-creation of existing material
  - Looking at older patterns, discussion of 3rd party trust tokens to be implemented in Chrome
  - "Must build it in our own backyard" approach

- Leif and Heather posted on Github issue tracker <https://github.com/WICG/WebID/issues/25>
  - Related to SameSite Cookie issue
  - Nic will keep CACTI updated on this effort
- **Recruiting & Developing IAM Resources Working Group** - Jessica is working on launching this CACTI-chartered Working Group

#### Virtual BaseCAMP, July 20-24, 2020, report-out

- <https://meetings.internet2.edu/2020-basecamp/>
- 65 community members attended
- Also opened it up to interested Internet2 staff
- 4 hour chunks over 5 days
- TomJ: It was an interesting and engaging virtual conference
- Hit the level and content right
- Happy to see feedback that attendees got Internet2 and community vibe even in the virtual setting
- Successful engagement
- AnnW: from the evaluations, positive feedback
- 100% of attendees said they'd recommend BaseCAMP to others
- Nice walkthrough of material at the right level
- Split for 101 and 102 levels worked well
- Breakout sessions at end of the day worked well
- Engagement done during the sessions
- At last session, the ACAMP-style thank you, folks could thank each other verbally or in Zoom chat, there was an outpouring of appreciation
- Community is still interested in this kind of info that's presented at baseCAMP. Identity Management is of great interest
- People want to know how the components fit it
- Some attendees were there to learn, not ready to adopt
- There was one advanced federation session, went into nuances of supporting research, got some pushback, may have been a bit advanced
- Did not see dropoff during sessions
- Zoom breakout rooms worked well
- There was good NIH representation at baseCAMP
  - NIST participated
- Canvas was used for the delivery
- Lots of staff work up front, kudos to Dean and Jessica and the team
- It will be less work if this is done again
- Some "tiny" items make a big difference to attendees
- More coordination up front went into curriculum versus an in person conference
- Presenters knew how their session related to other sessions
- What sorts of standing resources should we make available to organizations in onboarding?
- We can potentially make some curriculum available
- Connecting people to community is key
- Ann: After the pandemic, how should we leverage online conferences, or streaming programs
- Advantage is potentially providing content delivery to more people
- Getting people together Face to Face when possible is still crucial
- It is possible to engage another organization, contract out, to help with curriculum development
- The CACTI-chartered **Recruiting & Developing IAM Resources Working Group** that is now spinning up may have input

#### Packaging - CACTI / Component architects discussion on community requirements for packaging (Tom)

- Background: CACTI notes of June 23, 2020: <https://spaces.at.internet2.edu/x/gxUOCg>
- Packaging Surveys from 2016 and 2018: <https://spaces.at.internet2.edu/x/CwuVBQ>
- Bill: proposed survey looks good, comment on AWS, call out the particular service
  - Self hosted versus using Amazon AWS
- ChrisP: oblique ask on how to do sustainable configuration
- Survey targeted to how do you deliver
- Assess maturity of market space
- Not much on config management, on how not to mess up on the next Docker update
- People need to learn more on the techniques: Version control, change management, etc.
- Term "DevOps" does not appear in the survey
- Reflect on the Jim Jokl packaging survey from a few years back?
- Matthew: need to ask about those using a manual process to build the containers
- People/orgs using older Shib versions
- Capture info on those at a more beginning level
- ITAP requires some advanced level of infrastructure that some lack
- Need to ask about the "We Don't Do This Yet, need additional guidance" people/organizations
- SteveZ:
  - six years ago there were discussions in which some community members said "we can't be ready, " for containers
  - But in most cases the community shifted to the container approach successfully
  - InCommon changed advocacy for how people onboard
  - Tried to match learning curve in the community
  - Providing education and training
- BillT: Lafayette is farther along in the Docker journey, the Shib Docker container is not hard to deploy
- Grouper project sketches out adoption maturity levels
  - [Install the Grouper v2.5 container maturity level -1 quick start](#)
  - [Install the Grouper v2.5 container with maturity level 0 manually](#)
  - [Install the Grouper v2.5 container with maturity level 0 using installer](#)
  - [Install the Grouper v2.5 container with maturity level 1 manually](#)

- BillT: in the survey is too much "niche" technology mentioned?
- Background for this packaging survey is that CACTI decided to do this after a discussion on how to operate in different environments.
  - Try to focus the community via cookbooks etc.
- ChrisP: survey is for predicting where I want to be and see how well I hit the target
- And to see the wisdom of the masses
- But we may not see any one approach
- We may need to express a preference
- ChrisP: in same boat as Matt regarding deployment level. Trying to get partners to update their Shib, some doing patches to VMs
- Automation and delivery cycle around Docker should be included in survey
- CACTI / InCommon should express opinions for optimal approach
- SteveZ:
  - things optimize to what is being sought
  - We can lead the witness in the survey process to get people on the right track
- Some hypotheses are being tested through the survey and this will help the working groups
- Christos: Matthew suggests to open up to other possibilities. In same camp with Matthew and Chris.. Some of the survey questions are asking about advanced options that don't apply
- SteveZ:
  - We did a packaging survey twice in last 6 years.
  - Some orgs don't want to share info on their infrastructure.
  - Had hoped for BEACON quality feedback, but some orgs feared privacy invasion.
- **NEXT STEPS**
  - Take this feedback to Software Integration Working Group.
  - To be sure the survey is meeting their needs but also make it more inclusive / expansive.
  - Need a broader context / goal
  - Need to try to capture where the community is, what they are running.
  - Ask the Software Integration Working Group to propose a more inclusive survey.
  - **AI Tom J will share these Aug 4, 2020 meeting notes related to the packaging survey with the Software Integration Working Group and will chat with them.**
- **AI ChrisP share recommendations he plans to send out to his community around containers.**
- ChrisP: there is an underwater item on all these — secret management (be it certs, saml private keys, passwords to dbs etc)

#### **To Be discussed next CACTI call, TomJ will start discussion on the CACTI mailing list**

1. Quarterly Update to Community - Are there new technologies / issues to which we should be calling the community's interest? (All)
2. Solidifying our position with regard to a centralized "Higher Ed Registry" and next steps (Tom)

#### **Parking Lot**

1. (From June 9, 2020 call) TomJ - Add as an agenda item for a future CACTI call: Operationalizing containers

**Next Meeting:** Tuesday, August 18th, 2020