Update on IdM for Research

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MAGIC
November 18th, 2015
InCommon – R&S Update

• R&S still key to use by research
  https://spaces.internet2.edu/display/InCFederation/Research+and+Scholarship+Category

• InCommon Steering Committee engaged CIOs at 19 universities id’ed as key by NSF projects to recommend joining R&S
  • Two joined, four more put on Roadmap

• NSF joining R&S as an SP
  • Instead of one-on-one trust.
InCommon – R&S Update (cont)

- R&S growth: 15 IdPs, 6 SPs in 2015
- However, R&S growth isn’t keeping up with InCommon growth
  - 667 in Oct’14, 810 today
  - Much growth may be for certificate service?
- Observation: R&S is hampered by fears around FERPA.
  - A published legal opinion would be useful.
Other InCommon News

• Advisor for research (Welch) appointed to Steering Committee
• InCommon joining EduGain to enable international use of identities.
  • Legal issues wrt participant agreements.
Recent Research IdM Work

- NSF CC-IIE Awards made
  FeduShare, Vassar IdM, etc.
- NSF CICI Award for CILogon 2.0
- XSIM publications on DOE Lab/Collaborations experiences and guidance
  [http://cacr.iu.edu/collab-idm](http://cacr.iu.edu/collab-idm)
Research IdM Services

• Globus Nexus
• Auth0
• SciGaP
• Google & other social media
• ORCID
• Etc.
Some Opinions...

- The “M” for management continues to exist – no silver bullets.
  - Specific to supported workflows.
  - Especially for IAM (vs IdM)
- IAM was a hot topic at 2015 NSF Cybersecurity Summit – we continue to need to do better help community find resources.
More Opinions…

• Two-factor authentication with smart phones is becoming cheap and plentiful, I expect it to be increasingly the default.
  • Integration with Fed IdM still foggy.
  • InCommon and Duo
• HIPAA is playing an increasing role in research computing, expect it to drive two-factor even more.
And More Opinions…

- Key drivers for IdM for research:
  - Data sharing
  - Access to research.gov/NSF/etc.
- Not seeing an convergence by global community on a IdM solution.
Thank you

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Many thanks to Jim Basney and Scott Koranda