Campus Identities for Research

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GridShib
Grid-Shibboleth Integration
An Overview

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NSF NMI PI Meeting – Nov 5, 2004
CiLogon Service

• Facilitate campus login to NSF CI
  – Leverage researchers’ existing identities at their home institution
  – Ease identity management for researchers and CI providers

• Bridge from:
  – Identity credentials issued by research institutions participating in the InCommon Federation using Shibboleth/SAML web browser single sign-on

• Bridge to:
  – X.509 PKI credentials that satisfy the requirements of NSF CI projects
CTSC will provide the NSF community with a coherent understanding of cybersecurity, its importance to computational science, and the resources to achieve and maintain an appropriate cybersecurity program.
Identity matters to Science...

Why is membership important?
- access to data
- names on papers

Two items scientists care about intensely

Scott Koranda/
LIGO - Oct’11
Campus Identities are valuable!

Lots of talent and effort go into them.
“IdM in a closet”

Effort drawn away from science.

Hard to do IdM right.

Campus loses visibility into projects.
So, why isn’t research leveraging InCommon more?
Attribute (Identity) Release with InCommon

“We recently went through this exercise for ATLAS Connect (which uses CILogon). We sent InCommon the list of 44 US ATLAS sites. When we started in January:

22 worked with CILogon
40 operated InCommon IdPs
41 were InCommon members

Through InCommon’s assistance we added 8 more IdPs to CILogon (6 via R&S) by April.”

Jim Basney, CILogon on setting up ATLAS Connect
Identity Federation is often thought of as a Campus-to-Business solution

We need to think of it as a Researcher-to-Research solution
How can campuses better support identities for research?
Run a SAML IdP in InCommon
Release personal identifiers to the InCommon Research and Scholarship category
Ask research projects to provide a way to test and test regularly (instead of users testing regularly)

e.g. https://cilogon.org/testidp/
The alternative...
Thank you

To support research, please join InCommon R&S

https://spaces.internet2.edu/display/InCFederation/Research+and+Scholarship+Category

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