Research - Draft

Research Value Proposition

Goal: Provide rationale for why the researcher, project and campus should pursue Assurance Certification to support Research

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Resources:

[A Roadmap for Using NSF Cyberinfrastructure with inCommon](#)

Questions

Scoping

- How much fed idm background do we need? Assurance has similar arguments.

Other

- ECP and Assurance?

Value Proposition Audiences

- For Researchers
- For Virtual Organizations and Projects
- For Campus IT and Decision Makers

Readers: Must be familiar with InCommon and Assurance (for now). Link to [A Roadmap for Using NSF Cyberinfrastructure with inCommon](#) for background on Research and federated identity.

Why is Assurance Important to Research

What's the problem?

Some view multiple credentials and managing all the certificates for access as part of a researchers job. It doesn't have to be.

How does Assurance help?

Researcher

Story (Ken's Jean Blue Story)

We help researchers spend more time on their research time and less time on IT.

Allow researchers to more easily collaborate and coordinate multiple resources through a single identity system rather than spending effort on managing multiple identities.

Projects

Allow NSF CI projects to leverage InCommon saving effort spent on establishing their own identity systems.

Utilization of federated identity for CI will bring uniformity to the authentication mechanism for science in line with the business processes of doing science.

Campus IT

Allow campuses and other institutions to provide their researchers with a consistent identity system for local research and administrative computing, and remote research computing.

Who is/will be using it

- IGTF - With this LOA 2 credential, researchers will be able to obtain a "[CILogon Silver](#)" certificate approved by the International Grid Trust Federation ([IGTF](#)) for use worldwide.

- CI Logon - The "CILogon-HA: Higher Assurance Federated Identities for DOE Science" project extends CILogon (initially developed with funding from the National Science Foundation) to provide higher assurance credentials to users of DOE facilities for collaborative science. This effort leverages the InCommon identity federation's assurance program, officially launched in February 2012, to translate higher assurance university credentials to internationally recognized certificates (through the International Grid Trust Federation). http://ca.cilogon.org/loa

  - OSG
  - Globus Online (Check notes from AAC meeting)

Why InCommon's program?

FICAM approved TFP for REsearch and Education

Agency members

Collaborator members

InCommon Part of NSF's Roadmap; Assurance PRogram only one enabled in the Federation.

Moving Forward with Certification