InCommon & CILogon: Federated Identities Supporting Science

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# Current InCommon Participants

Below is a complete list of InCommon Participants. There are also lists available for:

- Identity and Service Providers deployed in the federation (and other metadata-driven pages)
- Certificate Service subscribers

The IdP and SP pages include links to more-detailed information on each entity—just go to the IdP or SP list and click on the name of the IdP or SP you are interested in. **InCommon serves almost 6 million end-users through federated identity management.**

<table>
<thead>
<tr>
<th>Higher Education Participants (366)</th>
<th>Government and Nonprofit Laboratories, Research Centers, and Agencies (28)</th>
<th>Sponsored Partners (144)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. T. Still University</td>
<td>Ames Laboratory</td>
<td>Academic Works, Inc.</td>
</tr>
<tr>
<td>Allegheny College</td>
<td>Argonne National Laboratory</td>
<td>Acatar</td>
</tr>
<tr>
<td>American University</td>
<td>Brookhaven National Laboratory</td>
<td>Accessible Information Management, LLC</td>
</tr>
<tr>
<td>Amherst College</td>
<td>ESnet</td>
<td>Advantage Connect Pro Inc.</td>
</tr>
<tr>
<td>Arizona State University</td>
<td>Fermilab</td>
<td>ALEKS Corporation</td>
</tr>
<tr>
<td>Arkansas State University</td>
<td>GENI Project Office</td>
<td>Alexander Street Press</td>
</tr>
<tr>
<td>Auburn University</td>
<td>Idaho National Laboratory</td>
<td>Apple - iTunes U</td>
</tr>
<tr>
<td>Augsburg College</td>
<td>Internet2</td>
<td>American Psychological Association</td>
</tr>
<tr>
<td>Azusa Pacific University</td>
<td>Jefferson Lab</td>
<td>Apple</td>
</tr>
<tr>
<td>Ball State University</td>
<td>Lawrence Berkeley National Laboratory</td>
<td>Apple - iTunes U</td>
</tr>
<tr>
<td>Barry University</td>
<td>LIGO Scientific Collaboration</td>
<td>Association for Computing Machinery</td>
</tr>
<tr>
<td>Bay De Noc Community College</td>
<td>LTERN (Long Term Ecological Research Network)</td>
<td>ARTstor</td>
</tr>
<tr>
<td>Baylor College of Medicine</td>
<td></td>
<td>Association for Computing Machinery</td>
</tr>
<tr>
<td>Bayer University</td>
<td></td>
<td>AT&amp;T Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AthenaOnline.com</td>
</tr>
</tbody>
</table>
Research and Scholarship Category

InCommon is offering an easier method for participants to provide collaborative services for researchers and scholars via their federated identities by reducing the policy interpretation, inter-institutional agreements, and system configuration needed for those services. This method categorizes service providers (SPs) to simplify the configuration of identity providers (IdPs); the result is that researchers can successfully access SP sites without delay and without contacting their local IdP admin. The Research & Scholarship (R&S) Category applies to service providers that support research and scholarly activities such as virtual organizations and campus-based collaboration services. Participating IdPs agree to release a minimal set of attributes to the R&S category with a one-time addition to their default release policies, a simpler and more scalable approach than negotiating such release bilaterally with every service provider.

- Background
- Candidate Services
- Requirements for R&S Service Providers
- R&S Category Attributes
- Application for Inclusion in the R&S Category

Background

A growing number of Service Providers (SPs) supporting collaborative research and scholarship activities are joining InCommon. As is the standard practice in the higher education and research world, collaboration on these sites involves knowing who the collaborators are: name, email, institutional affiliation. Unfortunately, the default Attribute Release Policies in place at most campus Identity Providers (IdPs) do not share any information with these sites without local review of the SP's purpose, governing policy, and operational practices. This approach is simply not scalable to the thousands of campus IdPs and thousands of SPs supporting research and scholarship that we anticipate in the future. It is already a serious problem for the big virtual organizations and research labs; the hoped-for explosion of smaller collaboration sites housed in academic departments will not succeed with federation without a scalable solution.

All InCommon SPs are already bound by a set of practices governing how they manage and use personal attributes. InCommon's Research & Scholarship (R&S) Category defines additional set criteria that are designed to facilitate IdP policy decisions to release a controlled set of low-risk attributes to R&S SPs without local review for each SP. InCommon also provides metadata and technology tools to further facilitate automatic, but controlled, release of attributes to the R&S SPs, as well as aiding user support.

IdPs can simplify the management of their Attribute Release Policies by taking advantage of the R&S Category. With a one-time addition to their default release policies they can specify a set of attributes to release to all SPs that are in the R&S Category. This policy would apply to SPs that are added to the category in the future, without the IdP administrator having to make any changes.

Candidate Services

Whether an SP operator is commercial or non-commercial is not relevant to eligibility for the R&S Category, nor are any other aspects of how the service is implemented or
Federation entities provide services to InCommon participants at their discretion. These lists are provided to help increase partnership and collaboration opportunities among InCommon participants. Our value as a community grows as our connections grow.

InCommon Service Categories

The following service providers belong to the indicated service category:

<table>
<thead>
<tr>
<th>Service Provider Name</th>
<th>Service Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>CarmenWiki</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>CILogon</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>Collaboration Wiki Spaces at Internet2</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>FileSonder</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>GENI Experimenter Portal</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>Indiana CTSI HUB</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>LIGO CBC Wiki</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>LIGO Wiki</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>Narada Metrics</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>Open Science Data Cloud Console</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>Penn State WikiSpaces</td>
<td>research-and-scholarship</td>
</tr>
<tr>
<td>UW-Milwaukee CGCA Wiki</td>
<td>research-and-scholarship</td>
</tr>
</tbody>
</table>
CILogon Service (cilogon.org)

- Provides certificates for access to Globus Online, Open Science Grid, and other cyberinfrastructure
- Supports InCommon and OpenID authentication
- More info:
  - http://www.cilogon.org/faq
  - http://www.cilogon.org/news
  - http://ca.cilogon.org/
You must log in to continue.

Enter your NetID: 

Enter your Active Directory (AD) password: 

Login

Forgot your Active Directory password?
To change or reset your Active Directory password, go to the CITES Password Manager.

More Information

Where to Get Help
Contact the CITES Help Desk at consult@illinois.edu.

What Is a NetID?
Your NetID serves as your login to many University computing and networking services and also determines your University email address, which is netid@illinois.edu.
For more information, see the Your Network ID (NetID) page.

Technical Information

Service that has requested authentication:

Service Provider Entity ID:
https://cilogon.org/shibboleth

This login service uses the following server:

shibboleth.illinois.edu

This page's URL should start with https:// followed by the server listed above.

For most web browsers, the security padlock icon for this page should be closed/locked.

To maximize security, quit your browser when done using this application.
Get Your Certificate

CILogon Service

Certificate Subject: /DC=org/DC=ciLogon/C=US/O=University of Illinois at Urbana-Champaign/CN=James Basney A534
Identity Provider: University of Illinois at Urbana-Champaign
Level of Assurance: Basic

Password Protect Your New Certificate:

Enter A Password: 

Confirm Password: 

Get New Certificate

» Click Here To Download Your Certificate «

Link Expires: 04m:35s

Log Off

For questions about this site, please see the FAQs or send email to help@ciLogon.org.
Know your responsibilities for using the CILogon Service.
See acknowledgements of support for this site.
Sign In

Use Your InCommon / CILogon login

You will now be redirected to InCommon / CILogon’s authentication page.

Proceed
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OAuth
"Globus Online" requests that you select an Identity Provider and click "Log On". If you do not approve this request, do not proceed.

Site Name: Globus Online
Site URL: https://www.globusonline.org
Service URL: https://www.globusonline.org/service/graph/authenticate_oauth_callback

Select An Identity Provider:
- University of Hawaii
- University of Illinois at Chicago
- University of Illinois At Springfield
- University of Illinois at Urbana-Champaign

Search: [ ]
Remember this selection: [ ]

Log On

By selecting "Log On", you agree to CILogon's privacy policy.

For questions about this site, please see the FAQs or send email to help@cliglon.org.
Know your responsibilities for using the CILogon Service.
See acknowledgements of support for this site.
InCommon & CILogon

SAML
You must log in to continue.

Enter your NetID: 

Enter your Active Directory (AD) password: 

Forgot your Active Directory password? To change or reset your Active Directory password, go to the CITES Password Manager.

More Information

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Technical Information

Service that has requested authentication:

Service Provider EntityID:
https://cilogon.org/shibboleth

This login service uses the following server:

shibboleth.illinois.edu

This page's URL should start with https:// followed by the server listed above.

For most web browsers, the security padlock icon for this page should be closed/locked.

To maximize security, quit your browser when done using this application.
CILogon Integrated with CyberInfrastructure

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References

- A Roadmap for Using NSF CyberInfrastructure with InCommon (http://hdl.handle.net/2022/13024)
- Federated Security Incident Response (https://spaces.internet2.edu/x/8o6KAQ)
Thanks!

www.incommon.org
www.cilogon.org

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