



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.**

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



Research and Scholarship Category

[Share](#)[Tools](#)

Added by [David Walker](#), last edited by [Thomas Scavo](#) on May 16, 2013 [\(view change\)](#)

Research & 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](#)

 [Browse a list of all current R&S SPs and IdPs](#)

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

InCommon Federation Info: Service Categories

https://incommon.org/federation/info/all-sp-categories.html#SPs Reader

InCommon® FEDERATION

BETA

Federation Info: [About](#) [Organizations](#) [Entities](#)

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

IdPs **SPs**

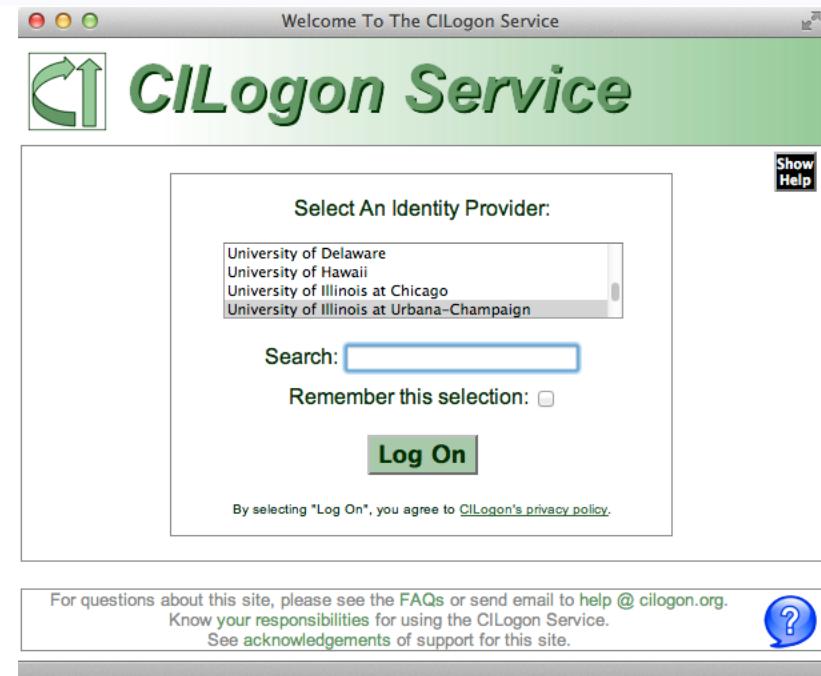
The following service providers belong to the indicated service category:

Service Provider Name	Service Category
CarmenWiki	research-and-scholarship
CILogon	research-and-scholarship
Collaboration Wiki Spaces at Internet2	research-and-scholarship
FileSender	research-and-scholarship
GENI Experimenter Portal	research-and-scholarship
Indiana CTSI HUB	research-and-scholarship
LIGO CBC Wiki	research-and-scholarship
LIGO Wiki	research-and-scholarship
Narada Metrics	research-and-scholarship
Open Science Data Cloud Console	research-and-scholarship
Penn State WikiSpaces	research-and-scholarship
UW-Milwaukee CGCA Wiki	research-and-scholarship

Service Category	# of SPs	# of IdPs
research-and-scholarship	12	55

CILogon Service ([cilogon.org](http://www.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/>



Login – University of Illinois at Urbana-Champaign

https://shibboleth.illinois.edu/idp/Authn/UserPassword

ILLINOIS LOGIN

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

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 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.

Get Your Certificate

https://cilogon.org

Reader

Show Help

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

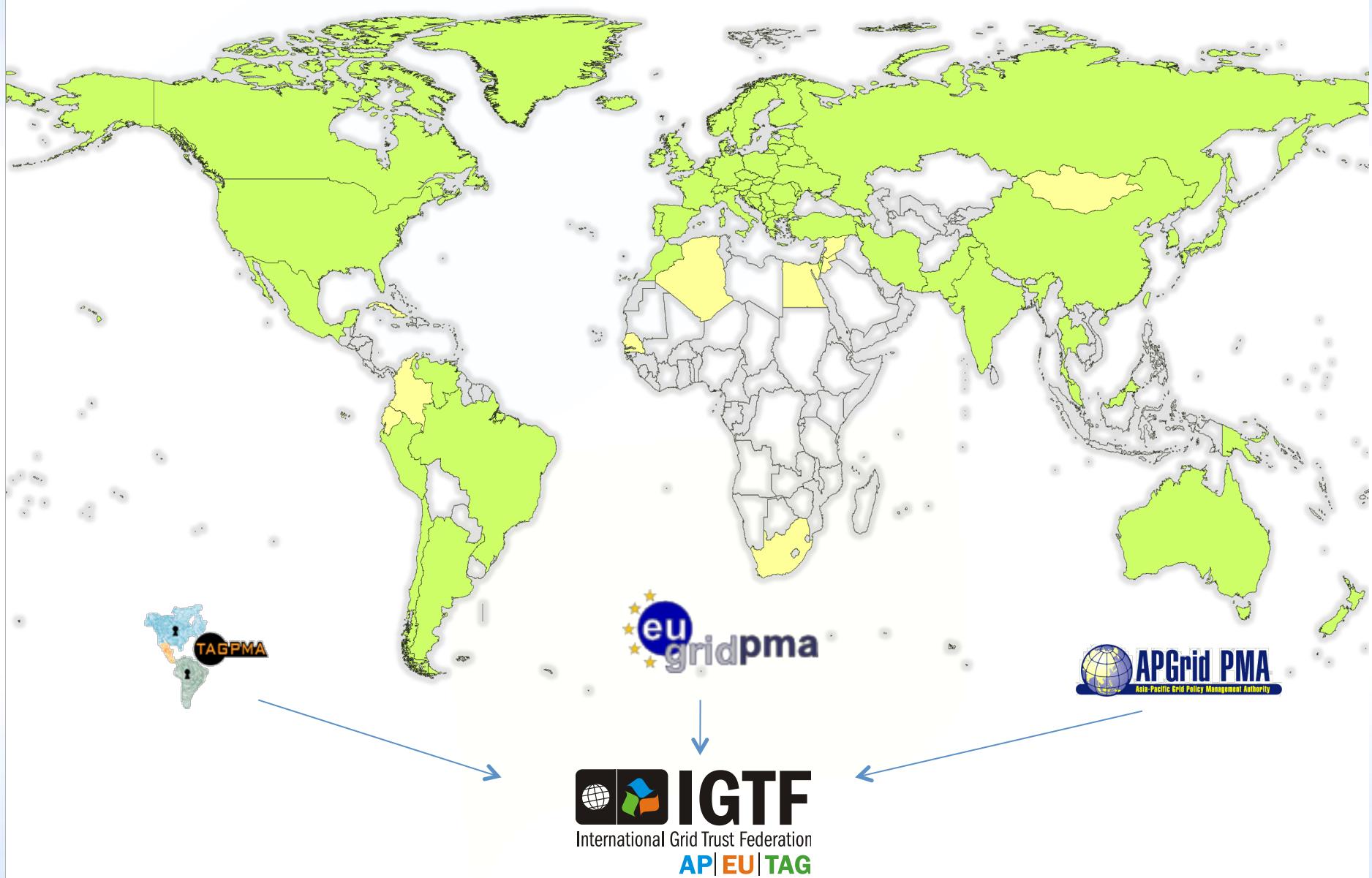
» [Click Here To Download Your Certificate](#) «

Link Expires: 04m:35s

Log Off

For questions about this site, please see the [FAQs](#) or send email to [help @ cilogon.org](mailto:help@cilogon.org).
Know your responsibilities for using the CILogon Service.
See [acknowledgements](#) of support for this site.

?



Sign In | Globus Online

https://www.globusonline.org/SignIn

Reader

globus online

Manage Data | Groups | News & Events | About | Support | Log In | Sign Up

Sign In

[Sign Up with Globus Online](#)

Use Your GlobusOnline login



Username

Password

[Sign In](#)

[Forgot Password?](#)

Support

Select a different login

GlobusOnline



ARCS

LRZ

Argonne LCF

NCSA

Argonne MCS & LCRC

NCSA Blue Waters

BIRN

NERSC

CLI Transition

UChicago CI

EGI

UChicago iBi

ESG ANL

UK NGS

Exeter

WestGrid

Google

XSEDE

MANAGE DATA

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- [view transfer activity](#)
- [manage endpoints](#)
- [dashboard](#)

[case studies](#)

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https://www.globusonline.org/SignIn#provider=cilogon.org

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Sign In

[Use Your InCommon / CILogon login](#)

[alternate login](#)

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



Support

MANAGE DATA

- [start transfer](#)
- [view transfer activity](#)
- [manage endpoints](#)
- [dashboard](#)

OUR USERS

- [user stories](#)
- [user quotes & stats](#)
- [case studies](#)
- [papers](#)

HOW TO

- [quick start guides](#)
- [tutorials](#)
- [pro tips](#)
- [videos & presentations](#)

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Email Address (Required)



OAuth

Welcome To The CILogon Delegation Service
https://ci.logon.org/delegate?oauth_token=http%3A%2F%2Fcilogon.org%2Fserver%2FtempCred%2Fdelegation%2F5db4ebc32639ec46ec8865f5

globus online

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.

Dashboard | Globus Online
https://www.globusonline.org/dashboard/Main?linkAccount=true

globus online

Manage Data | Groups | Support | jbasney

start transfer | view transfer activity | manage endpoints | dashboard

Transfer Summary

- Requested Today: 0 active transfers.
- 1 transfers completed successfully.
- 0 inactive transfers.
- 0 transfers failed.
- Requested This Week: 0 active transfers.
- 1 transfers completed successfully.
- 0 inactive transfers.
- 0 transfers failed.
- Lifetime: 0 active transfers.
- 2 transfers completed successfully.
- 0 inactive transfers.
- 0 transfers failed.

File Transfer

Use your browser to move data securely and reliably.

Start Transfer | View Transfers | Manage Endpoints

In the Spotlight

globusWORLD April 16-18, 2013 Chicago, IL

globusWORLD 2013 is just a few weeks away! Reserve your spot to learn about great new features. Click here for info and to register.

Globus Online passes XSEDE Acceptance Test – making it the first service accepted for production deployment by XSEDE

Welcome To The CILogon Delegation Service
https://cilogon.org/delegate/?oauth_token=http%3A%2F%2Fcilogon.org%2FserverA%2FtempCred%2Fdelegation2%2F5db4eb4c32639ec46ec8865f5 Reader

globus online Powered By  Show Help

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

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Search:

Remember this selection:

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For questions about this site, please see the [FAQs](#) or send email to [help @ cilogon.org](mailto:help@cilogon.org).
Know [your responsibilities](#) for using the CILogon Service.
See [acknowledgements](#) of support for this site.





SAML



Login – University of Urbana
://shibboleth.illinois.edu/idp/Authn/UserPassword

ILLINOIS LOGIN

You must log in to continue.

Enter your NetID: jbasney

Enter your Active Directory (AD) password: [REDACTED]

[Login]

Forgot your Active Directory password? To change or reset your Active Directory password, click here.

Welcome To The CILogon Delegation Service

globus online

"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: [REDACTED]

Remember this selection:

[Log On]

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Dashboard | Globus Online

globus online

Manage Data | Groups | Support | jbasney

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My Profile

View and change your account settings, including contact information and security credentials

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Login – University of Illinois at Urbana-Champaign

https://shibboleth.illinois.edu/idp/Authn/UserPassword

ILLINOIS LOGIN

You must log in to continue.

Enter your NetID:

Enter your Active Directory (AD) password:

Login

 A red arrow points to the "Login" button, which is highlighted with a red circle.

Forgot your Active Directory password?
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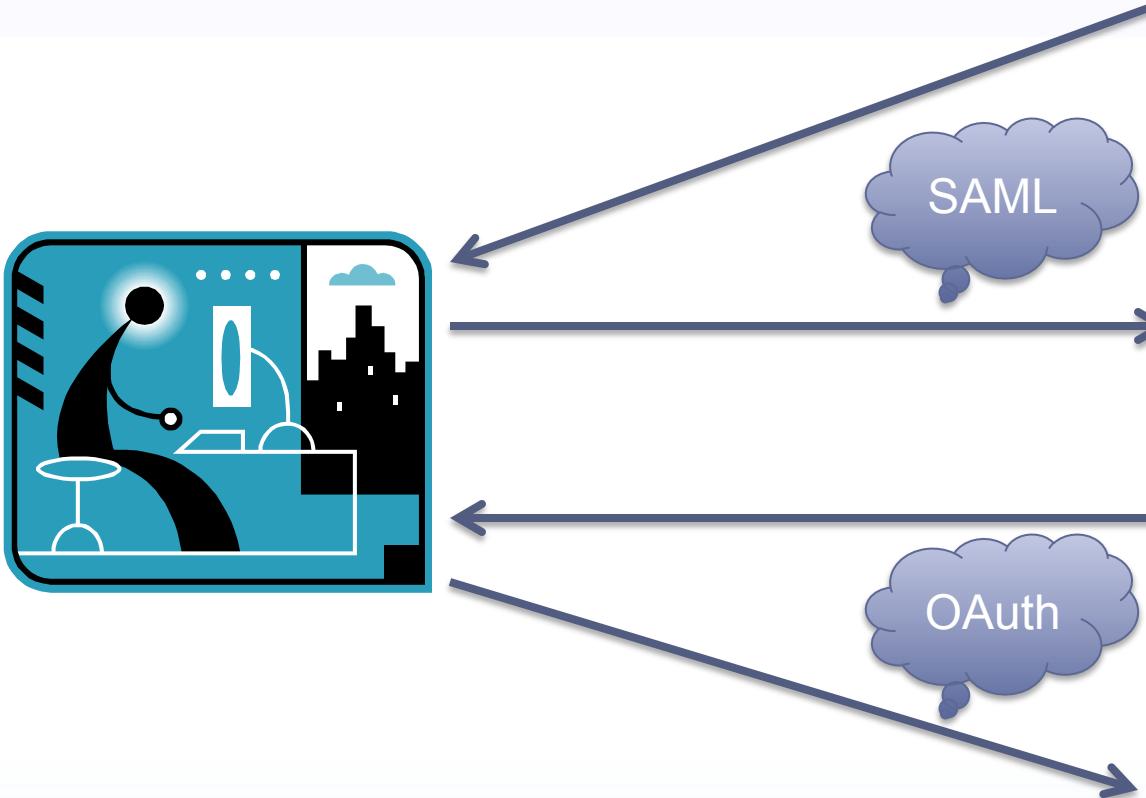
This login service uses the following server:

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Login – University of Illinois at Urbana
`://shibboleth.illinois.edu/idp/Authn/UserPassword`

ILLINOIS LOGIN

You must log in to continue.

Enter your NetID:

Enter your Active Directory (AD) password:

Forgot your Active Direct... To change or reset your AD Password Manager

Welcome To The CILogon Delegation Service

globus online

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Dashboard | Globus Online

globus online

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start transfer | view transfer activity | manage endpoints | dashboard

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 2 transfers completed successfully.
 0 inactive transfers.
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File Transfer
 Use your browser to move data securely and reliably.
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My Profile
 View and change your account settings, including contact information and security credentials

NCSA



Manage Data | Groups

jbasney



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0 transfers failed.



File Transfer

Use your browser to move data securely and reliably.

[Start Transfer](#)[View Transfers](#)[Manage Endpoints](#)

My Profile

View and change your account settings, including contact information and security credentials



Globus Connect

Use Globus Connect to transfer files between your computer and any Globus Online endpoint.

In the Spotlight



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Globus Online passes XSEDE Acceptance Test – making it the first service accepted for production deployment by XSEDE operations. [Read more...](#)

Announcing Sharing: Our new sharing service makes it simple for researchers to collaborate securely. [Read more...](#)

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[start transfer](#)
[view transfer activity](#)
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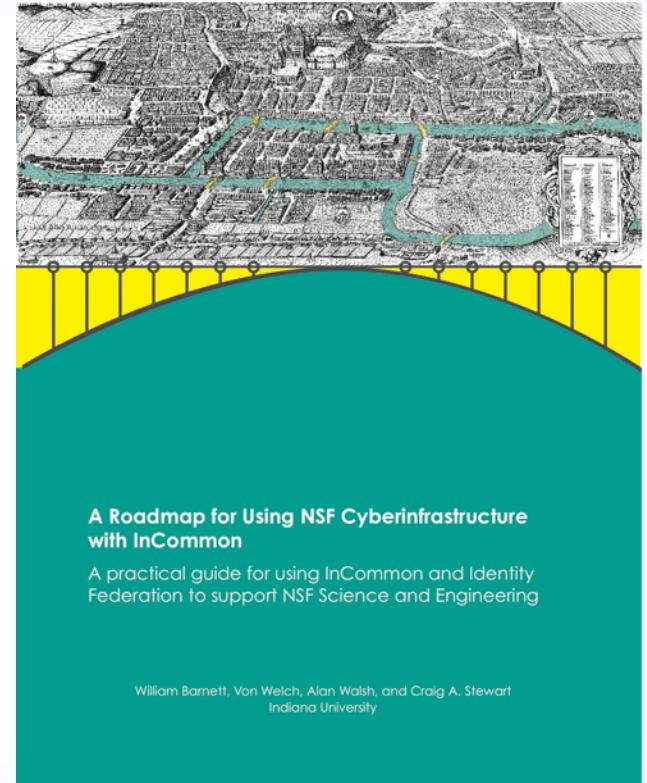
CILogon Integrated with CyberInfrastructure

The image displays four separate browser windows, each showing a different service integrated with the CILogon identity provider:

- LIGO**: Shows the LIGO logo and a "Welcome To The CILogon Service" header.
- DataONE**: Shows the DataONE logo and a "Welcome To The CILogon Service" header.
- CardioVascular Research Grid**: Shows the CardioVascular Research Grid logo and a "Welcome To The CILogon Service" header. It includes a "Select An Identity Provider" dropdown menu listing several universities.
- Ocean Observatories Initiative (OOI)**: Shows the OOI logo and a "Welcome To The CILogon Service" header. It features a "Select An Identity Provider:" dropdown menu with a list of universities, a search bar, and checkboxes for "Remember this selection" and "CONTINUE".

References

- A Roadmap for Using NSF CyberInfrastructure with InCommon (<http://hdl.handle.net/2022/13024>)
- An Analysis of the Benefits and Risks to LIGO When Participating in Identity Federations (<https://dcc.ligo.org/LIGO-G1100964-v2/public>)
- Federated Security Incident Response (<https://spaces.internet2.edu/x/8o6KAQ>)



Thanks!

www.incommon.org

www.cilogon.org

jbasney@ncsa.illinois.edu