CILogon
An Integrated Identity and Access Management Platform for Science

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CILogon - Launched Sep 2010

- Enables use of federated identities for access to cyberinfrastructure
- Translates across federations and protocols
- Supported by XSEDE
CILogon 2.0

CILogon: federated identity management
COmanage: collaborative organization management
Use Cases

- Research projects with collaborators across multiple institutions
- Using federated identity
- Managing group memberships and application authorization
- OAuth, OpenID Connect, SAML, LDAP, SSH, X.509
- Outsourcing IAM services
- Consistent with InCommon Research & Scholarship definition
Enabling Global Interfederation

- Research & Scholarship
  - https://refeds.org/category/research-and-scholarship
- Security Incident Response Trust Framework for Federated Identity
  - https://refeds.org/sirtfi
Now Supporting Int'l IdPs

- Thanks to InCommon joining eduGAIN
- CILogon policy update approved in 2016 by Interoperable Global Trust Federation
- Requiring R&S + Sirtfi
#1 Request: Add My Home Org

- Does Org operate a federated IdP?
- Is Org's IdP in eduGAIN?
- Is Org's IdP interoperable?
- Does Org's IdP meet assurance/security requirements?
- We automate the federation process
  
  https://cilogon.org/testidp/
There was a problem logging on. Your identity provider has not provided CILogon with required information about you.

**First Name:** MISSING  
**Last Name:** MISSING  
**Display Name:** MISSING

Contact your identity provider to let them know you are having a problem logging on to CILogon.

- Technical Contact: Technical Support <support@example.edu>

Alternatively, you can contact us at the email address at the bottom of the page.
Managing Project Groups/Roles

COmanage provides:

- enrollment flows
- expiration policies
- self service permissions
- pipelines
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<tr>
<th>ATLAS Connect</th>
<th>Fermilab</th>
<th>OOI</th>
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<tr>
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<td>DOE KBase</td>
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<td>Duke CI Connect</td>
<td>Notre Dame</td>
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Top 20 IdPs (Jun 2017)

FNAL  
LIGO  
NIH  
Ohio State University  
University of Michigan  
Purdue University  
Google  
University of Chicago  
UIUC  
University of Minnesota  

Johns Hopkins  
UCLA  
University of Florida  
UC Boulder  
Indiana University  
Penn State  
LBNL  
Stanford University  
UC Berkeley  
ANL

(Out of 205 IdPs with active CILogon users)
Thanks!

Interested in using CILogon?

Contact:

jbasney@ncsa.illinois.edu
help@cilogon.org