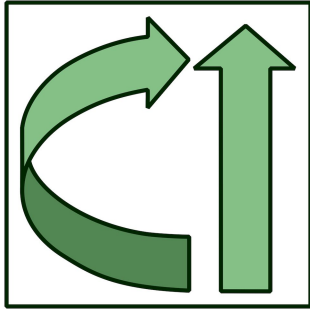


CILogon

Recent developments



Jim Basney
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April 2017

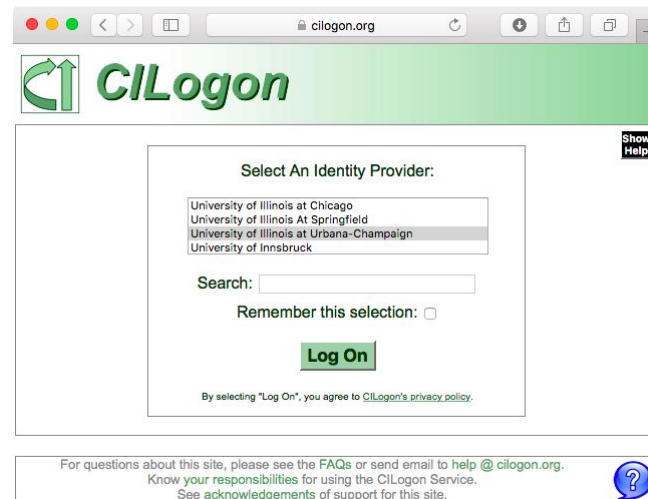


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CILogon - Launched Sep 2010

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

Extreme Science and Engineering
Discovery Environment

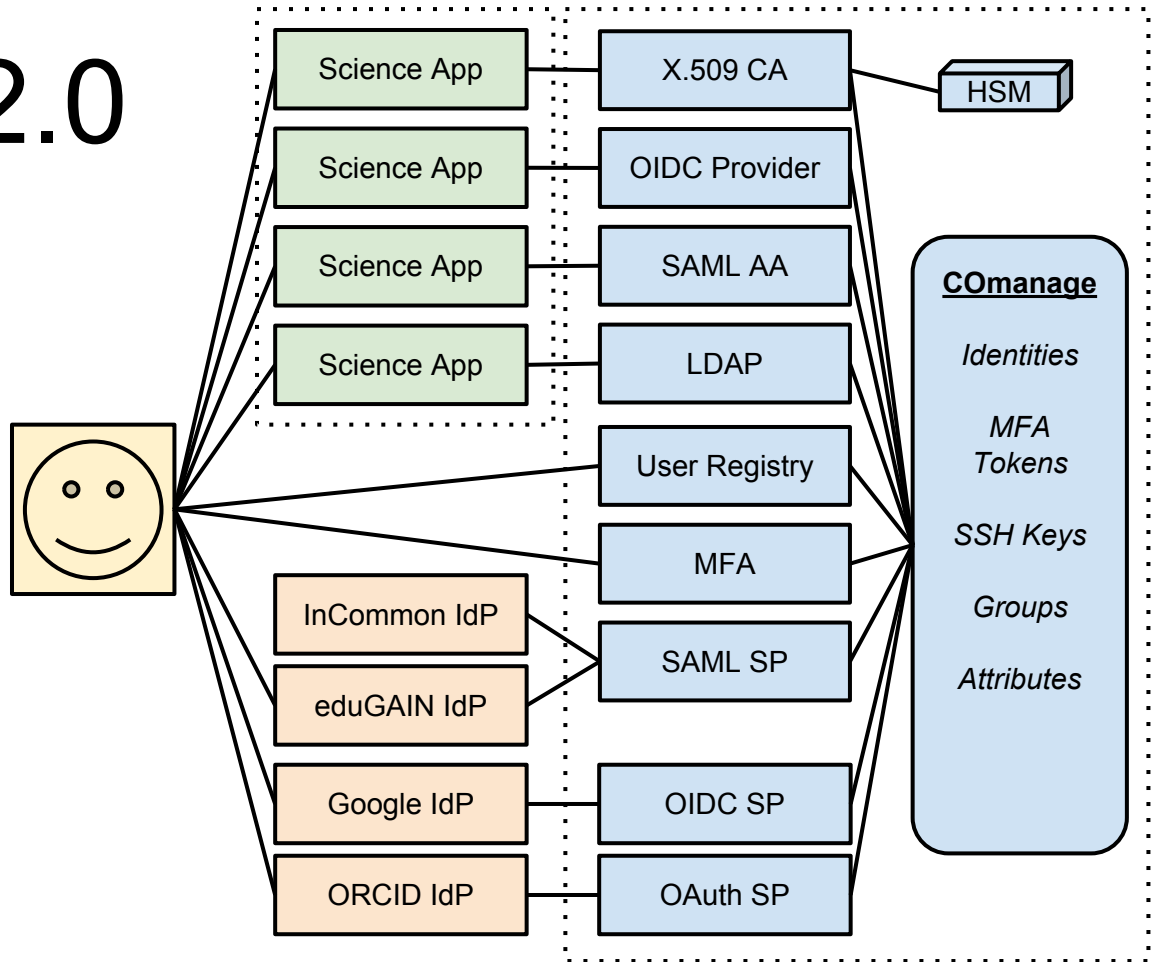


www.cilogon.org

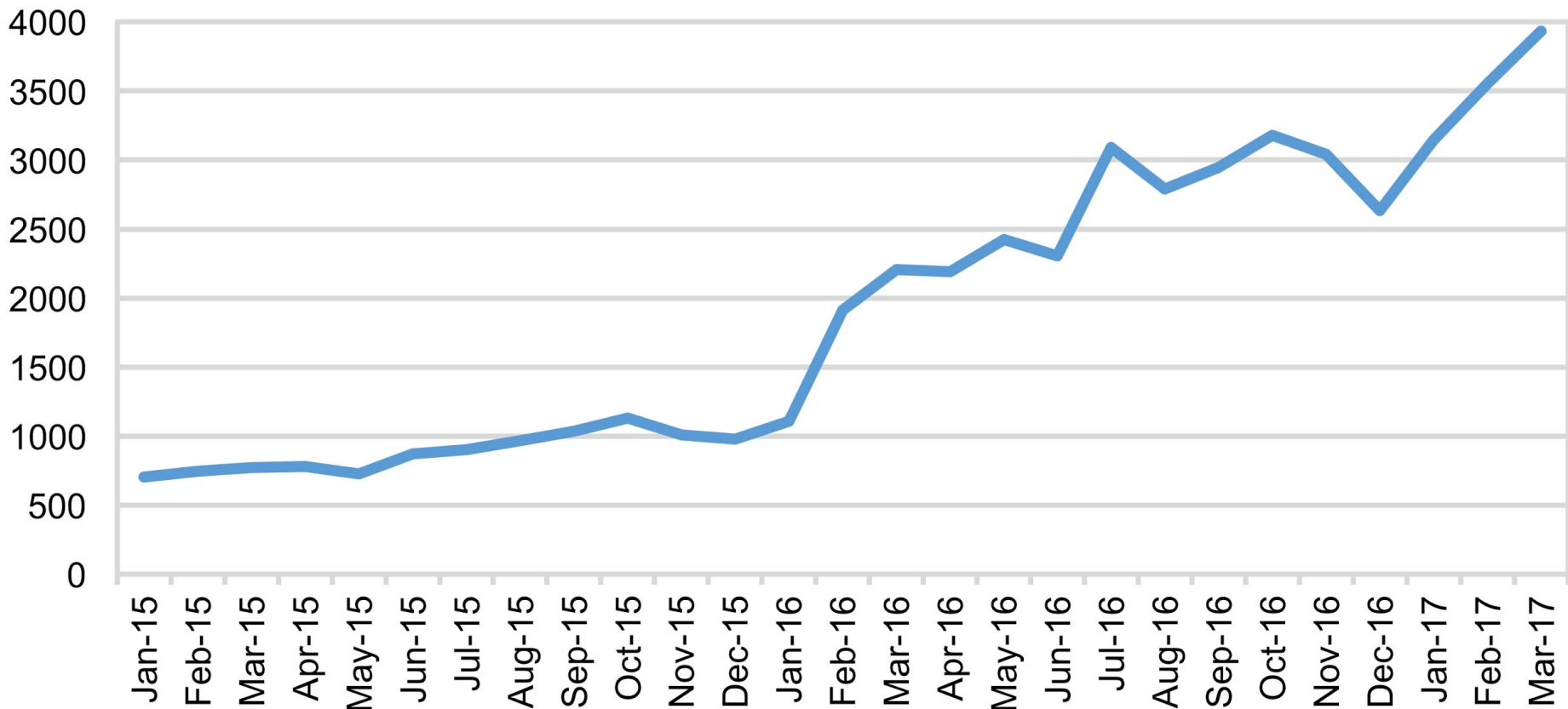
CILogon 2.0

CILogon:
federated identity
management

COmanage:
collaborative
organization
management



Active CILogon Users Per Month



192 Active IdPs (Mar 2017)

Fermi National Accelerator
Laboratory
LIGO Scientific Collaboration
University of Michigan
National Institutes of Health
Ohio State University
Purdue University Main Campus
University of Illinois at
Urbana-Champaign
Google
University of Chicago
Johns Hopkins
University of Minnesota
University of California-Los Angeles
University of Colorado at Boulder
University of Florida
University of California, Berkeley
The George Washington University
Indiana University
Lawrence Berkeley National
Laboratory
University of Nebraska-Lincoln
Oak Ridge National Laboratory
Argonne National Laboratory
Cornell University
The University of Arizona
Stanford University
University of Washington
Princeton University
Michigan State University
New York University
Yale University
University of Southern California
Iowa State University
University of Texas at Austin
University of Kansas
Northwestern University

Penn State
University of Rochester
University of Cincinnati Main
Campus
University of Hawaii
Rutgers
University of North Carolina at
Chapel Hill
Texas A & M University
Carnegie Mellon University
Texas Tech University
Columbia University
Clemson University
University of Pittsburgh
University of Wisconsin-Madison
University of Notre Dame
University of California-San Diego
Rice University
University of Wyoming
University of Utah
Case Western Reserve University
University of Tennessee
Oklahoma State University System
University of South Dakota
University of California, Davis
West Virginia University
Boise State University
University of California-Santa
Barbara
Ohio University Main Campus
Massachusetts Institute of
Technology
Duke University
University of Pennsylvania
Montana State University - Bozeman
Vanderbilt University
University of Virginia
University of Maryland College Park
Baylor College of Medicine

Arizona State University
Georgia Institute of Technology
Brown University
Boston University
Woods Hole Oceanographic
Institution
University of Iowa
University of Dayton
Stony Brook University
Leibniz Supercomputing Centre
Lehigh University
California Institute of Technology
Brookhaven National Laboratory
XSEDE
Weill Cornell Medical College
Virginia Polytechnic Institute and
State University
ETHZ - ETH Zurich
Colorado School of Mines
University of Missouri System
University of Massachusetts
Amherst
University of Delaware
University of Central Florida
University of California, San
Francisco
University of California-Irvine
Marshall University
Colorado State University
Wayne State University
Uppsala University
University of Wisconsin-Milwaukee
University of Oklahoma
University of Arkansas
Tufts University
Oregon State University
Old Dominion University
Lund University
Ludwig-Maximilians-Universität
München (LMU)

Georgia State University
Georgetown University
George Mason University
CERN
California State Polytechnic
University, Pomona
Utah State University
University of Nevada, Reno
University of Nebraska Medical
Center
University of Miami
University of Illinois at Chicago
University of California, Santa Cruz
The State University of New York
The Broad Institute
Texas State University - San Marcos
Technical University of Munich
Ohio Technology Consortium
North Carolina State University
National Center for Supercomputing
Applications
Mississippi State University
Louisiana State University
Linköping University
Lamar University
Korean Access Federation
Harvey Mudd College
Florida International University
ESnet
Emory University
Cardiff University
California State University, Fullerton
University of Zurich
University of Texas at Dallas
University of South Carolina
University of North Carolina At
Charlotte
University of Maryland Baltimore
County
University of Cape Town

United ID
The University of Memphis
Syracuse University
South Dakota State University
ProtectNetwork
Portland State University
GitHub
Florida Atlantic University
EPFL - EPF Lausanne
Brandeis University
Auburn University
Western Michigan University
University of Vermont
University of Texas Southwestern
Medical Center
University of Padova
University of Oregon
University of North Carolina at
Greensboro
University of Nebraska at Omaha
University of Maryland Baltimore
University of Copenhagen
University of California, Riverside
University of Alabama, The
University At Albany, State
University of
Universität Basel
Towson University
Temple University
Stockholm University
Stevens Institute of Technology
Southern Methodist University
Southern Illinois University
Smithsonian Institution
San Diego State University
PSI - Paul Scherrer Institut
Northern Illinois University
National Institute for Astrophysics -
INAF

Miami University
Medical University of South Carolina
Loyola University of Chicago
LMU Munich
Lafayette College
Kansas State University
Johannes Kepler University Linz
James Madison University
Internet2
INFN - National Institute for Nuclear
IGTF
ICER - Mai
HES-SO : UAS Western Switzerland
Florida State University
Cedarville University
Boston College
Baylor University

International IdPs are highlighted

Growing SIRTfI Adoption



Service Provider: **CILogon**

Entity ID: <https://cilogon.org/shibboleth>

Entity Attributes: <http://macedir.org/entity-category>:
[<http://id.incommon.org/category/research-and-scholarship>, <http://refeds.org/category/research-and-scholarship>, <http://id.incommon.org/category/registered-by-incommon>]
urn:oasis:names:tc:SAML:attribute:assurance-certification: [<https://refeds.org/sirtfi>]

Description: *CILogon facilitates secure access to CyberInfrastructure (CI).*

Information URL: <http://www.cilogon.org/fan>

[Privacy Statement](#)
[Requested Attributes](#)

[less technical info](#)



Technical C
Administrative C
Support C

Site Administr
metadata.

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CILogon Supports Sirtfi

posted Apr 17, 2017, 3:34 PM by Jim Basney [updated Apr 17, 2017, 3:35 PM]

CILogon now officially supports the Security Incident Response Trust Framework for Federated Identity (Sirtfi). As part of InCommon's Sirtfi Proof of Concept (see: [FAQ](#)), InCommon tagged CILogon as Sirtfi-compliant in [federation metadata](#). Hosted by NCSA at the University of Illinois, CILogon benefits from the operational security and incident response capabilities of NCSA Cybersecurity. CILogon's compliance with [Interoperable Global Trust Federation](#) standards helped to prepare for meeting the Sirtfi standards. As a Sirtfi-compliant service provider, CILogon checks for a corresponding tag of Sirtfi-compliance in metadata for identity providers. Visit the [eduGAIN Entities Database](#) to see if your identity provider supports Sirtfi. If it does, CILogon thanks you! If not, please don't delay! As always, contact help@cilogon.org for assistance.

incommon.org/federation/info/all-idps-certified.ht

InCommon
FEDERATION

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

InCommon Certified Identity Providers

Certification	# of IdPs
sirtfi	11
bronze	5



The following IdPs are certified under the InCommon Assurance Program:

Identity Provider Name	Certification
Ohio State University	sirtfi
University of Chicago	sirtfi
University of Maryland Baltimore County	bronze
Northwestern University	sirtfi
Virginia Polytechnic Institute and State University	bronze
University of Illinois at Urbana-Champaign	sirtfi
Massachusetts Institute of Technology	sirtfi
University of Nebraska-Lincoln	sirtfi
Fermi National Accelerator Laboratory	sirtfi
Southern Methodist University	sirtfi
Harvard University	bronze
University of Nebraska Medical Center	bronze
The George Washington University	bronze
Temple University	sirtfi
XSEDE	sirtfi
National Center for Supercomputing Applications	sirtfi

InCommon LLC
<http://incommon.org/>

Questions? Visit our [FAQ](#) or [contact us](mailto:info@incommon.org)



This InCommon
National Centre

Thanks!

`jbasney@ncsa.illinois.edu`