



InCommon CAMP
“Hot Topics:
State of the Federation”
Jack Suess

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Vice President of Information Technology & CIO

Jack Suess

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Jack Suess & Sons
Technology Adoption Starts at a Young Age
This photo, taken from 1997, shows CIO Jack Suess with his two sons, Kyle (5) and Ryan (3). This is part of a larger article that appeared in UMBC Magazine.



Jack Suess
1 member

Mr. John (Jack) Suess


Email: jack@umbc.edu
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Twitter: <http://twitter.com/##33/jjsuess>


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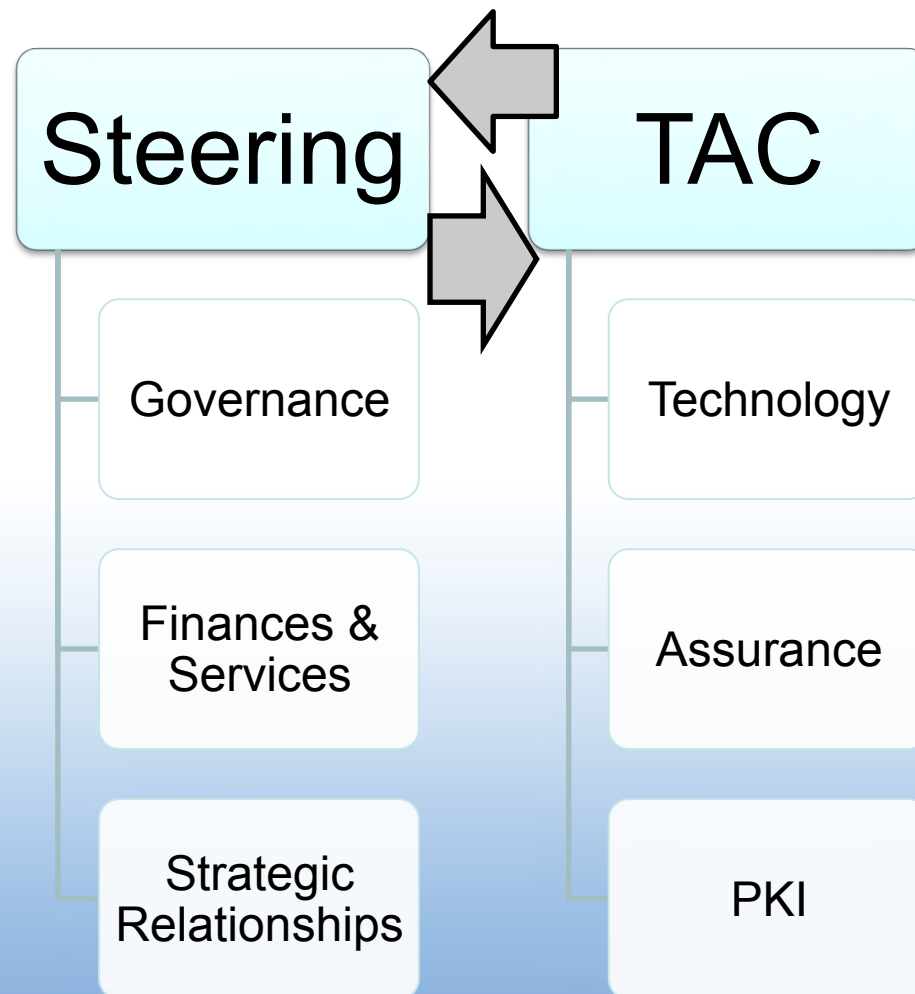
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What I Will Discuss

- InCommon organization
- Review of 2010 accomplishments and goals for 2011.
- Support for Identity and Access Management Efforts
- Activity and Drivers in the Federation
- Activity and Drivers in other Trust Services
- Questions

Volunteer Groups



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- David Wasley, UCOP, adviser

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- Tom Scavo, Operations Manager
- Ann West, Federation Program Manager
- Dean Woodbeck, Communications
- Angie Sizemore, Contracts & Administration
- Certificate program manager – open

Review of 2010 and goals for 2011

- Basis for work is the InCommon Future Report

InCommon Future Group Report

Internet2_Board_v20090701

InCommon Future Report and Recommendation

Presented to the Internet2 Board of Trustees, July 2009, for discussion

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Future's Report

- Released Summer 2009.
- Provided 13 recommendations.
- See https://spaces.internet2.edu/download/attachments/3441099/InCommonFuture_20090701.pdf?version=1

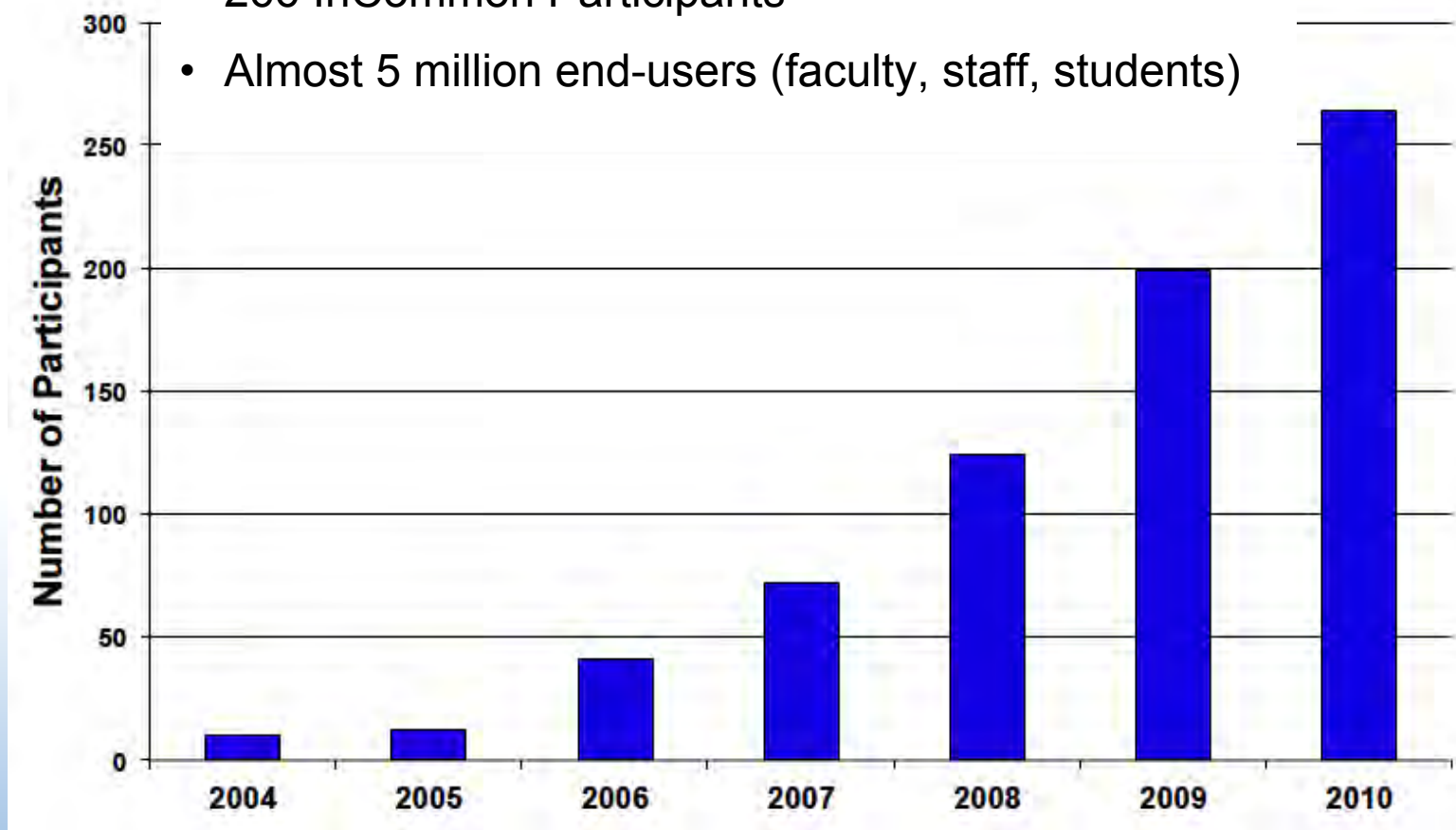
Thirteen Recommendations:

1. Move beyond federation to focus on *Trust Services*. **Done**
2. Establish an InCommon foundation for middleware dev.
Shibboleth Consortium being negotiated.
3. Establish a management and governance structure with authority to make decisions (within some bounds) that are necessary for InCommon's success. Expand membership to include other communities that collaborate with higher ed. **Governance review happening in 2011..**
4. By Q2 2010. InCommon should have a business plan.
Done.
5. By Q4 2012. InCommon should have positive cash flow.
6. Internet2 should provide working capital that will be repaid as identified in the business plan. **Done.**

7. Internet2 will continue to provide support and administrative services for InCommon. **Done.**
8. Internet2 will strive to bring in 75% of its members to InCommon by the end of 2010 (**ended 2010 at 66%**).
9. InCommon should review new services, such as Certificate service for launch in 2010 - **Done.**
10. By Q2 2010. InCommon should launch training and adoption programs to support new members. **Done**
11. By Q1 2010. InCommon should build partnerships (note we launched affiliate program). **Done**
12. By Q4 2009. Bronze and Silver profiles should be defined and launched. **In Progress, Silver refinement done.**
13. For 2010. InCommon should adjust participant pricing to bring this in line with costs. **Done**

InCommon Participants Year-by-Year

- 266 InCommon Participants
- Almost 5 million end-users (faculty, staff, students)



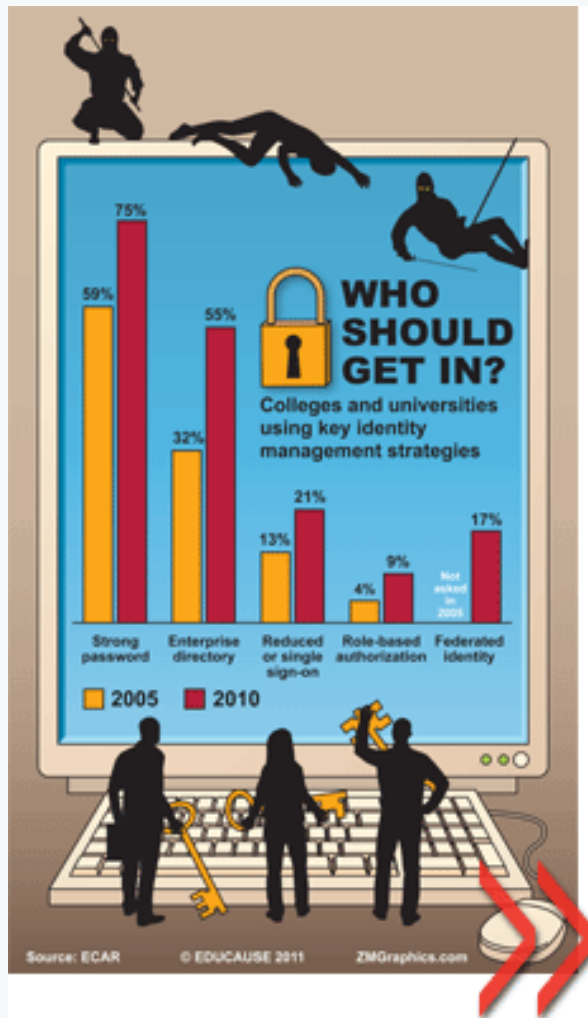
Membership Goals for 2011

- Total federation participants – 390. How this might shake out.
 - University Participants – 270, started at 189, at 213 now.
 - Government & research orgs – 30, now 8
 - Service providers – 90, started at 69, now 72.
 - Assurance service – 10
- Certificate goals
 - Certificate participants – 140, started at 80, at 111 now.
 - Rollout personal certificates, 25 schools beginning deployment

Identity and Access Management

“Hot Topics”

ECAR Identity and Access Management



- ECAR 2010 Study
- 323 respondents
- Executive support is very important.
- Security & Privacy and cloud/SaaS are drivers.
- Staffing IDM is still a major challenge.
- IAM Online planned for July 13th with Mark Sheehan (the lead).

InCommon's Efforts on IAM

Building Internal Capacity

- Creating community and effective practices
- Helping new institutions get started on right path.
- Simplifying scope to make it easier to get started.
- Helping existing institutions extend their IDMS in new directions.

Building External Capacity

- Working to attract vendors to support community needs.
- Working with vendors to adjust offerings to meet Higher Ed. needs.
- Simplifying scope to make it easier to get started.

Vendor Efforts

- Launching and supporting the affiliates programs. We are seeing new vendors coming into this effort.
- Working closely with ERP vendors and key partners to provide better and more flexible solutions.

Affiliates Providing IDM Support



GLUU

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Home

A New Dawn for Federated Identity

Achieve SSO with internal and external websites.

The Gluu Cloud Identity Appliance makes it easy for organizations to achieve SSO using standard SAML technology. Appliances can run on public or private cloud servers. Once deployed, federating with new websites can be accomplished using the Gluu's web Identity console.

The Appliance can be deployed quickly, and addresses all the installation and operational issues of an organizational identity provider service at a predictable annual cost.



Latest News

05/30/2011 [The Directory as Graph](#)

01/05/2011 [Gluu Launches OpenXDI project to Implement OASIS standard for semantic web stack](#)

01/05/2011 [Gluu Cloud Identity Appliance 1.0 Released](#)

09/22/2010 [Gluu Becomes InCommon Affiliate](#)

07/06/2010 [451Group Report: Is Gluu paving the way for federated identity services and dynamic trust models?](#)

6/15/2010 [EDUCAUSE Quarterly: Federated Identity: A Recipe for Higher Education](#)

08/10/2009 [Gluu Beta Launches: Cloud Service Enables Interdomain Identity Management and Identity Assurance](#)

12/2/2008 [Gartner : SaaS to grow in 90 % of Organizations](#)

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Shibboleth: Federated Single Sign-On Authentication Service

More and more, universities, companies, and government agencies offer services and collaborate online. Typically, users access both online resources inside and outside their organizations to do their work. In the past, each of these services required its own ID and password and, for the user, that meant adding another set of credentials to that collection of sticky notes. For the institution, closing the security holes and keeping up with the access changes for the services on and off campus was quite a challenge. Shibboleth offers a way for users to access multiple services with a federated single sign-on framework. Unicon is offering Shibboleth services which help you integrate Shibboleth with multiple applications including [uPortal](#) and [Sakai](#).

Unicon is an InCommon Affiliate. InCommon is a formal federation of organizations focused on creating a common framework for collaborative trust in support of research and education. InCommon Affiliates provide consulting, content, hosting, support, and training for the InCommon community.

 **Shibboleth.**



- Open Source Projects
 - Sakai
 - Moodle
 - uPortal
 - CAS
 - Shibboleth**
 - Services for Shibboleth
 - Zimbra

Interested in Open Source?

→ Fill out this [brief form](#) so we can follow up with you.

Latest Articles

- [Build, Install and Run uPortal 3.2.1](#)
- [Avoiding The Iron Triangle](#)
- [Relay Scripts For Securely Showing Zimbra Calendar iCal Feeds in Google](#)



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InCommon Federation

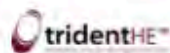
AegisUSA is an
InCommon Affiliate

AegisUSA provides services, solutions,
and appliances based on Shibboleth
specifically configured for InCommon

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Software
The only IAM Suite for
Higher Education

OUR PROFILE



LATEST NEWS

Register for the TridentHE Webinar on
June 7

Posted 05-11-2011

Fischer - New Affiliate Member



Fischer International: Turning Identity Management into a Strategic Advantage
Superior yet affordable technology and platinum-level support on-premise or in the cloud

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RESET & SYNCH

ACCESS
TERMINATION

ROLE & ACCOUNT
MANAGEMENT

AUTO ROLE &
ACCOUNT MGMT

PRIVILEGED
ACCOUNT ACCESS

COMPLIANCE
& AUDIT

**Safeguard your systems
from former employees
and contractors.**

Access Termination Service



**Security, Compliance, Cost
Optimization and Risk Mitigation for
about **five cents a day per user****

Imagine having all the benefits of identity management but without the high cost, risk, and headache of deploying and owning software.

Fischer's Identity as a Service™ (IaaS™) solutions bring immediate value to any-sized organization – *without lifting a finger or depleting your budget.*

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Why Identity as a Service™?

Get the Best of Both Worlds...

IDENTITY Management

- ✦ Mitigate Risk of Security Breaches
- ✦ Reduce Compliance & Audit Costs
- ✦ Streamline Business Processes
- ✦ Automate Employee & Contractor Lifecycle

Software AS A SERVICE

- ✦ Safe. Secure. No-Risk.
- ✦ Avoid Capital & Up-Front Expenditures
- ✦ Obtain Results in Days, Not Months
- ✦ Rightsize Services: Scale as You Need

News & Events

Fischer Becomes InCommon Affiliate

[view](#)

**Fischer Named "Best Buy" in
SC Magazine's IAM Evaluation**

[view](#)

**Campus Technology: University Moves
Identity Management to the Cloud**

[view](#)

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Business Ready Security Identity & Access Management

Try products in this solution

Microsoft Forefront Identity Manager 2010 Download	Microsoft Forefront Unified Access Gateway 2010 Download	Active Directory Rights Management Services Download	Active Directory Federation Services 2.0 Download	Windows Identity Foundation Download
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Send Feedback ★★★★★

Security Products

- [Microsoft Forefront Home](#)
- ⊕ **Management**
- ⊕ **Protection & Access**
- ⊕ **Platform Technologies**

Business Ready Security

- [Overview](#)
- [Secure Messaging](#)
- [Secure Collaboration](#)
- [Secure Desktop](#)
- [Information Protection](#)
- [Identity and Access Management](#)

Learn More

Use the resources below to learn more about the Identity & Access Management solution.

Datasheet


- [Identity & Access Management Solution](#)

Webcasts

- [TechNet Webcast: Centralizing Application Authorization with AD FS 2.0 \(Level 200\)](#)
June 15, 2010 - 1:00 PM
- [TechNet Webcast: Deploying a Microsoft Identity and Access Management Solution \(Level 300\)](#)
June 28, 2010 - 11:00 AM

Featured Webcast

Forefront Identity Manager

 Alex Weinert on Forefront Identity Manager 2010
Available on demand now

[Click here to register](#)

Overview
Learn More ▶
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Technical Resources
Deploy It

Datatel – Federated Identity Direction

- This approach is centered on the Datatel Portal which is built on Microsoft's SharePoint
- To enable federated identity, support for Active Directory Federation Services 2.0 will be added
- These changes will enable participation in any federation that supports the SAML v2.0 Web Browser SSO and SAML v2.0 Enhanced Client profiles, such as Shibboleth.

DataTel Federated Identity Value Proposition

- A person known to an identity provider ...
 - can be authenticated to many apps,
 - across network domains,
 - without the apps doing any authentication logic, and
 - sharing only what is needed to personalize the experience.
- ✓ Easier
 - ✓ Safer
 - ✓ Simpler
 - ✓ Less coding
 - ✓ Cheaper
 - ✓ More Flexible



Ping Identity Ships 'Social' Cloud Identity, SSO Tools

Ping Identity is shipping a new series of PingFederate OpenID Cloud Identity Connectors to allow enterprises to rely on cloud services providers and as well as social-networking sites for third-party user authentication. Ping's offering works with Facebook, Google, AOL and Yahoo!

by Vance McCarthy

Tags: [cloud](#), [authentication](#), [security](#), [SSO](#), [Ping Identity](#), [social networks](#), [Facebook](#), [Google](#),



Identity's CTO Patrick Harding.

"Identity federation at the enterprise is converging with the consumer and social media realm," Harding said in a statement. Ping's OpenID Cloud Identity Connectors install inside PingFederate, so enterprises can provide sign-on and registration for their customers using the log in information they use at social media sites such as Facebook, Yahoo, Google and AOL, Harding added.

Ping Identity is shipping a new series of PingFederate OpenID Cloud Identity Connectors to allow enterprises to rely on cloud services providers and as well as social-networking sites for third-party user authentication. Ping's The OpenID Cloud Identity Connector works with any provider that acts as an OpenID 2.0 provider including Yahoo!, Facebook, Google Apps and AOL.

With the release PingFederate's OpenID Cloud Identity Connectors, businesses now have an easy way to authenticate customers who are accessing their online stores, while connecting these customer portals and websites to popular social media outlets, said Ping

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UPCOMING EVENTS

CLOUD-CON Integration

Smart & Secure Cloud Integration
for Enterprise Applications and Data

An Online Conference

June 23, 2011

10 am PT - 1 pm ET

REGISTER

2011 Online Conferences

JUNE

23

CLOUDCON: Integration
Smart & Secure Cloud Integration for
Enterprise Applications & Data

[Event Registration](#)

JULY

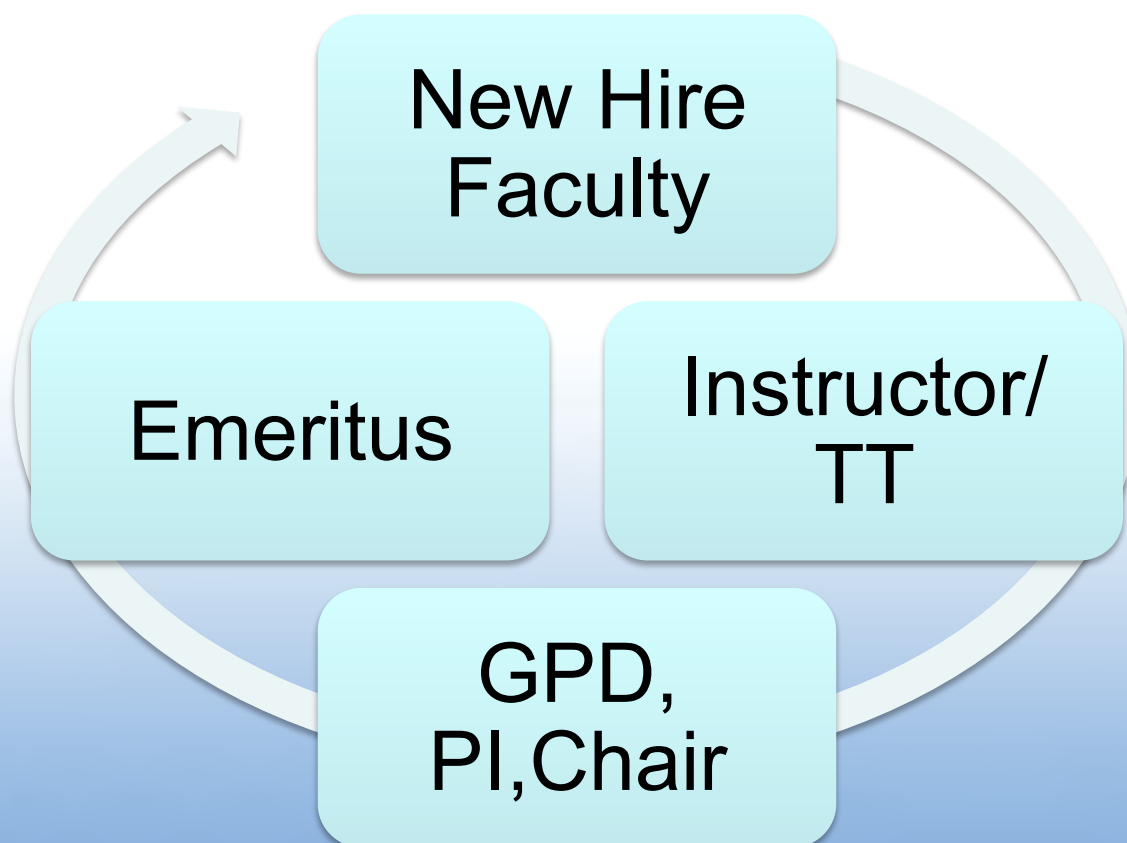
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BI-EDGE
Business Intelligence & Analytics
Software, Integration Architects

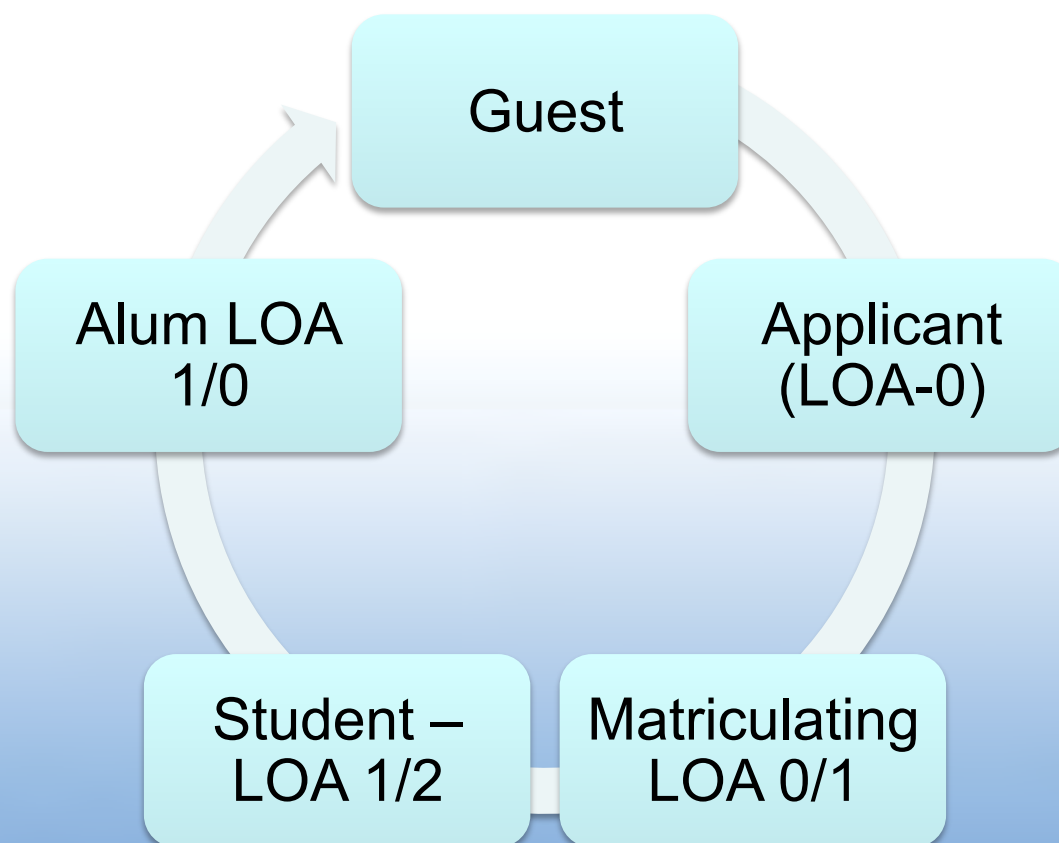
[Event Registration](#)

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Other “Hot” Topics in IAM – Access (De)Provisioning



Other “Hot” Topics in IAM – Access Provisioning



Update on Activity & Drivers in Federation

- Outreach Efforts
- Research Collaboration
- Service provider usage in R&E networks and leveraging our current service providers.
- Assurance update – Silver refinement
- User-consent and uApprove
- NSF and NIH updates

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IAM Online

Brought to you by InCommon in cooperation with Internet2 and the EDUCAUSE Identity and Access Management Working Group.

[Subscribe to the IAM Online email list](#) and receive information about future IAM Online sessions.

IAM Online is a monthly series delivering interactive education on Identity and Access Management (IAM). IAM Online includes three types of presentations/discussions:

- Federated Identity Management Essentials
- Advanced Issues in Identity Access and Management
- Hot Topics and Current Issues in Identity and Access Management

To Participate

We use Adobe Connect for slide sharing and to post questions via the chat function. Adobe Connect: <http://internet2.acrobat.com/iam-online>

Archived Sessions

Grab the Bronze and Silver Ring: Identity Assurance Progress (recorded June 15, 2011)

[Session Archive](#) [Adobe Connect]

[Session Slides](#) [PDF]

Some service providers may roll out applications requiring a higher Level of Assurance as early as fall 2011. In preparation, InCommon has refined the requirements for the Bronze and Silver identity assurance profiles (IAPs) to better align with the needs of these service providers and support the diversity of Identity Provider environments.

This IAM Online addresses the InCommon Identity Assurance Program, including Bronze and

Next IAM Online
Wednesday, July 13, 2011
3 p.m. ET / 2 p.m. CT / Noon PT

ECAR's 2011 Study of Identity Management in Higher Education

Where are you in your implementation of identity management strategies, and where do you stand relative to your peer institutions? The EDUCAUSE Center for Applied Research has just released the findings of its 2011 study of IdM in higher education, which illuminates the state of IdM practices at over 300 institutions. The study builds upon ECAR's 2006 IdM study and focuses on issues related to authentication, enterprise directory, reduced or single sign-on, automated role- or privilege-based authorization, and federated identity.

Join us to discuss the study's findings with its principal investigator, Mark Sheehan, senior research analyst at ECAR.

Speaker: Mark Sheehan, Senior Research

Advanced Camp – May 25-27



The screenshot shows the InCommon Advance CAMP website. At the top, there's a navigation bar with links for Home, View, Edit, and Login. Below this is a banner for "InCommon camp" with the subtitle "CAMPUS ARCHITECTURE & MIDDLEWARE PLANNING". A breadcrumb trail reads "Dashboard > ACAMP Identity Summit 2011 > Home". On the left, a vertical menu contains links for "Advance CAMP Home", "Program", "Registration", "Hotel & Travel", "Contact Us", and "InCommon Web". The main content area features the title "InCommon Advance CAMP: Identity Services Summit III" and the dates "May 25-27, 2011 in Westminster, Colorado". It also mentions "The Westin Westminster Hotel". A paragraph describes the summit's focus on identity-related problems and solutions. To the right, a section titled "Advance CAMP Partners" lists logos for Internet2, Jasig, and Quali Foundation. Below that, a "Take a Look!" section encourages visitors to find out who's attending and mentions that attending Jasig sessions is free.

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Dashboard > ACAMP Identity Summit 2011 > Home

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InCommon Advance CAMP: Identity Services Summit III

May 25-27, 2011 in Westminster, Colorado

The Westin Westminster Hotel

Want solutions for better provisioning, discovery, authorization or other identity-related problems? Do you develop software or support open/community source applications? Interested in working with identity leaders across higher education and getting in on the ground floor to help design the next generation architecture? Come to the InCommon Advance CAMP: Identity Services Summit III and participate!

It's Your Meeting

Led by you, the attendees, the Advance CAMP's unconference format provides the flexibility

Advance CAMP Partners

Internet2[®] jasig

Quali[®]
foundation

Take a Look!

Find out who's [attending Advance CAMP](#).

Attending Jasig? Stay late and [attend Advance CAMP Wednesday afternoon](#) sessions for free.

CAMP – June 21-23

The screenshot shows the InCommon CAMP website. At the top, the InCommon logo is on the left, and the website URL is on the right. Below the logo, the word "camp" is written in a large, stylized orange font, with "CAMPUS ARCHITECTURE & MIDDLEWARE PLANNING" in smaller text underneath. A navigation bar contains links for Home, View, Edit, and Login. Below this, a breadcrumb trail reads "Dashboard > CAMP June 2011 > Home".

On the left side, there is a vertical menu with buttons for "CAMP Home", "Program", "Registration", "Hotel & Travel", "Contact Us", and "InCommon Web".

The main content area features the title "InCommon CAMP: Hot Topics in Identity and Federated Identity Management" and the dates "June 21-23, 2011". Below this, a blue banner states "Registration is now open for CAMP 2011." and "The Westin Columbus Columbus, Ohio". A paragraph of text follows: "Looking for concrete solutions to your most pressing identity-related challenges? Want to know more about the hot topics in federated identity today? Or just want to get an introduction to federated identity management? Come to the InCommon CAMP: Hot Topics in Identity and Federated Identity Management and learn more about solutions being implemented across higher education and partner organizations."

At the bottom of the main content area, the text "What topics will be covered?" is visible.

On the right side, there is a section titled "CAMP Partners" with logos for "INTERNET2", "EDUCAUSE", "Ohio", and "OARnet". Below this is a section titled "What's New?" with the text "Registration is now open." and "The current registration list will be posted when available."

Shibboleth Workshop – IDP July 21 and SP July 22

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Shibboleth Workshop Series

July 21, 2011 (IdP), July 22, 2011(SP)
University of Wisconsin-Milwaukee Campus
Milwaukee, Wisconsin

[Home](#) | [Programs](#) | [Registration](#) | [Technical Requirements](#) | [Hotel and Travel](#) | [Contact Us](#)

Registration is not yet open.

Please be sure to [read the technical requirements](#) before registering.


- Self-paced technical installation and configuration
- For campuses new to Shibboleth and those upgrading to version 2
- 9 a.m. - 6 p.m. (CDT) each day
- Choose either Identity Provider or Service Provider session
- Install under Linux (CentOS) or Microsoft Windows environment

Need training on Shibboleth installation and support? Interested in getting the most out of your InCommon Federation participation? Consider attending the identity provider and/or the service provider sessions in the Shibboleth Workshop Series.

The workshops provide technical installation and configuration experience with Shibboleth version 2.x using a self-paced set of instructions. This program was developed for campuses new to Shibboleth and those interested in upgrading to 2.x.

- Install either a prototype identity or service provider in either a Linux (CentOS) or Windows virtual machine environment (familiarity with Tomcat is very helpful in this training environment).
- Hear tips for configuring and running the software in production.
- Learn about integration with LDAP directories and selected packages, as well as advanced topics.

Knowledge of identity management concepts and related implementation experience is strongly recommended. See the [Technical Requirements page](#) for more details on this and for laptop setup.

 **Shibboleth.**



- New Service Providers

Blackboard

The screenshot displays the Blackboard website homepage. The browser's address bar shows <http://blackboard.com/>. The page features a dark header with the Blackboard logo and navigation links: Platforms, Markets, Partnerships, Services, Worldwide, About Bb, and Contact Us. A search bar is located in the top right corner. The main content area has a light background with a large banner for McGraw-Hill. The banner includes the text "Give your people the power to do more. Much more." and "Build a better education experience with McGraw-Hill customized, dynamic content and tools—now available directly within the Blackboard Learn™ Platform." Below this is a "LEARN MORE" button. The McGraw-Hill logo is prominently displayed. At the bottom of the page, there is a "Latest News" section with a link to "McGraw-Hill and Blackboard Launch Combined Course Solution Worldwide" and a "Follow Us" section with social media icons. The footer contains a section titled "Explore Our Platforms" with links to overview, Blackboard learn, Blackboard collaborate, Blackboard connect, Blackboard transact, Blackboard analytics, and Blackboard mobile. A "Solutions by Market" section is also visible, with a highlighted "HIGHER EDUCATION" option.

http://blackboard.com/

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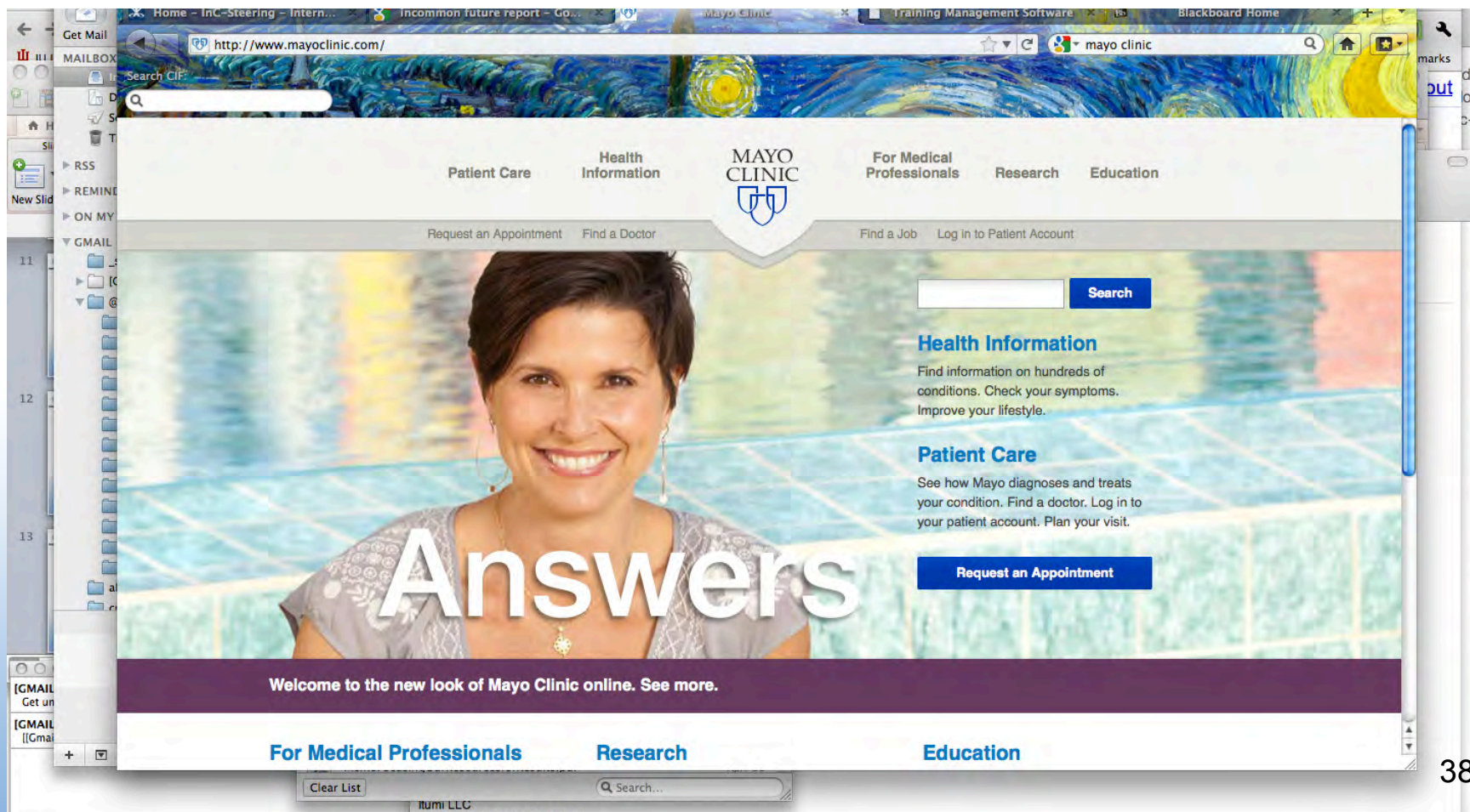
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Solutions by Market

HIGHER EDUCATION

Clear List Search...

Mayo Clinic



NBC Learn

The screenshot shows the NBC Learn website as it appeared in the mid-2000s, viewed within a web browser. The browser's address bar shows the URL <http://www.nbc.com/learn>. The page features the NBC Learn logo at the top center, with the tagline "Tools for Teachers. Inspiration for Students." Below the logo is a navigation bar with tabs for "About NBC Learn", "K-12", "Higher Ed", "Original Video", and "Partners". The main content area is divided into several sections. On the left, under "About NBC Learn", there is a paragraph describing NBC Learn as the education arm of NBC News, followed by two bullet points: "NBC News Archives on Demand (K-12 and Higher Ed) unleashes the power of the NBC News archives and makes thousands of video clips available to teachers, students, schools, colleges and universities." and "Original video content from NBC Learn is engaging, innovative, and makes learning fun!". Below this, there are two orange buttons: "CLICK HERE" and "SIGN UP". In the center, there is a section titled "GET A FREE TRIAL!" for "NBC LEARN", which offers instant access to thousands of videos, images, and documents for K-12 or Higher Ed, with a "SIGN UP" button. To the right of this, there are two video thumbnails: "Chemistry NOW" and "CHANGING PLANET", each with a "WATCH VIDEOS" button. Below the "GET A FREE TRIAL!" section, there is another video thumbnail for "SCIENCE OF NFL FOOTBALL" with a "WATCH VIDEOS" button. At the bottom left, there is a small video player showing the NBC Learn logo and a "Watch Now" link. At the bottom center, there is a blue circular badge that says "SITE OF THE WEEK" and "eSCHOOL NEWS". The browser window also shows a sidebar on the left with a "Get Mail" button and a "MAILBOX" section, and a search bar at the bottom.

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Already have an account? [Sign In](#)

NBC LEARN

Tools for Teachers. Inspiration for Students.

About NBC Learn K-12 Higher Ed Original Video Partners

NBC Learn is the education arm of NBC News. We are making the global resources of NBC News and the historic film and video archive available to teachers, students, schools and universities.

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NBC Learn unravels the science behind professional football.
[WATCH VIDEOS](#)

Clear List Search...

Site of the Week
eSCHOOL NEWS

Studentvoice

The screenshot shows the StudentVoice website in a web browser. The browser's address bar displays the URL <http://www.studentvoice.com/app/Views/Home/Default.aspx>. The website features a navigation bar with links for Home, About, Community, and Help. A login section with fields for username and password is visible. The main content area includes a large banner for 'Introducing StudentVoice Rubrics' with a list of competencies: communication, critical thinking, leadership, ethical reasoning, and intercultural competence. Below the banner, there are sections for 'Want to learn more about assessment?', 'Recently Shared Projects' (listing 'Campus Activities Needs Assessment' and 'Sustainability Awareness Survey'), and 'Recent Blogs' (featuring a post by Amy Feder). The browser's left sidebar shows a file explorer with folders like 'MAILBOX', 'RSS', 'REMINI', 'ON MY', and 'GMAIL'. The right sidebar shows social media links for Facebook and Twitter.

studentvoice

username password Sign In

Home About Community Help

Welcome Sign In Contact Us

communication
critical thinking
leadership
ethical reasoning
intercultural competence

Introducing StudentVoice Rubrics.
Outcomes Assessment Just Got More Direct.

Built into our industry leading assessment platform, StudentVoice Rubrics automates the process, making it far more efficient to create and score rubrics. This way, administrators and faculty can focus on teaching and learning, instead of the mechanics of assessment.

Learn More

Want to learn more about assessment?
StudentVoice webinars are informative and free.

Sign Up

News & Announcements

Spring 2011 Webinar Schedule Posted Online

Recently Shared Projects

Campus Activities Needs Assessment

Survey covers student interest and level of current involvement in campus activities. The survey also captures data on factors that prevent current involvement.

Sustainability Awareness Survey

Assessing students' knowledge of sustainability in relation to the university.

Sustainability Assessment

Assess students' knowledge, attitudes and behaviors as they relate to sustainability and the

Find us on Facebook

FOLLOW US ON twitter

Recent Blogs

New StudentVoice Tools!

Amy Feder
Assistant Director,
Assessment Programs
StudentVoice

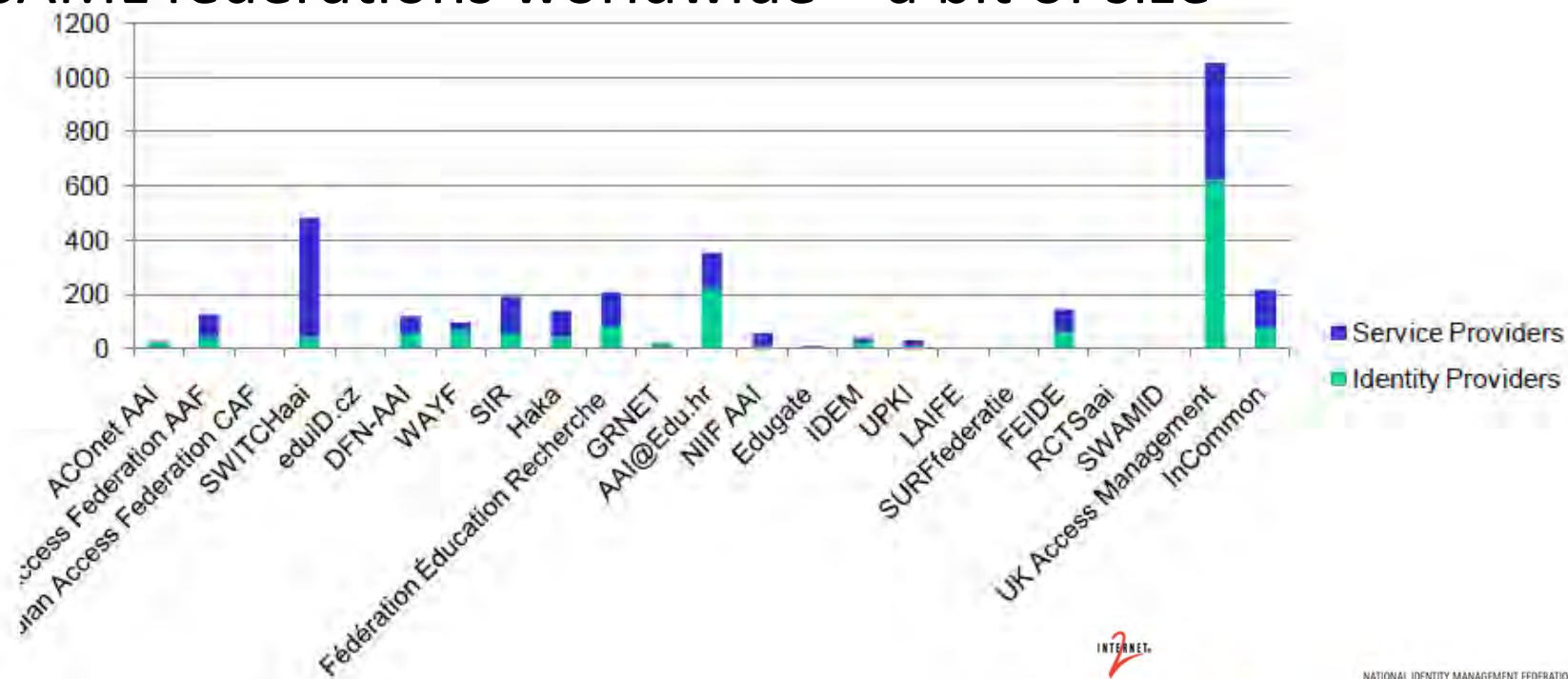
If you looked carefully today, you may have noticed some new tools

Clear List Search...

Advancing and Encouraging Service Providers to Join InCommon

- Comparing InCommon with other national federations
- Some service providers to look at.
- Encouraging SPs to join

SAML federations worldwide – a bit of size



INTERNET2

NATIONAL IDENTITY MANAGEMENT FEDERATIONS



SP Adoption

EDUCAUSE

Log In From Your Institution

EDUCAUSE recently began establishing trust relationships with members of [The InCommon Federation](#). The relationships will increase security and streamline access among a group of web sites that EDUCAUSE creates and maintains for its members. If your organization is listed below, you can use this service to authenticate via your home institution's credentials. If you are a member of InCommon and would like more information on how to setup your identity provider for use with EDUCAUSE, please visit our [IdP Setup page](#) for more information.

To learn more about this service, please review background information about the [EDUCAUSE/InCommon partnership](#).

If you run into any problems with the service, please contact support@educause.edu

mary

ARE YOU FROM

College of William and Mary
Williamsburg, Virginia

University of Maryland, Baltimore County
via University of Maryland Baltimore County
Baltimore, Maryland

Outside the Classroom

The screenshot shows a Firefox browser window displaying the website <http://www.outsidetheclassroom.com/>. The browser's address bar shows the URL, and the page title is "Evidence-Based Alcohol Education and Prevention - Outside The Classroom". The website features a green logo with an apple icon and the text "outside THE CLASSROOM An EverFi Company". Navigation links include "our approach", "community", "solutions", "news & events", and "about". A search bar and a login form with fields for "User ID" and "Password" are located in the top right. The main content area has a large orange banner with the text "Is your institution ready to achieve breakthrough progress in addressing high-risk drinking?". Below this, there are sections for "How Do Your Prevention Efforts Measure Up?", "ONLINE EDUCATION", "COMMUNITY RESOURCES", "RESEARCH AND TOOLS", "EVENTS", and "What's New?". The "What's New" section mentions the merger with EverFi. The EverFi logo is at the bottom right. The browser's status bar at the bottom shows "8 items, 89.95 GB available".

Firefox File Edit View History Bookmarks Tools Window Help

Home - InC-Steering - Internet... Incommon future report - Goog... InCommon Participants Evidence-Based Alcohol Education

<http://www.outsidetheclassroom.com/>

SEARCH

LOGIN

User ID

Password

our approach community solutions news & events about

outside THE CLASSROOM
An EverFi Company

Is your institution ready to achieve
breakthrough progress
in addressing high-risk drinking?

Outside The Classroom addresses mission-critical challenges that threaten the ability of educational institutions and their students to achieve their potential.

Why alcohol prevention? ▶

How Do Your Prevention Efforts Measure Up?

Take our brief Campus Diagnostic to get a free evaluation of your prevention efforts. ▶

QUICK LINKS

ONLINE EDUCATION

- AlcoholEdu for College
- AlcoholEdu for High School

COMMUNITY RESOURCES

- Report: Future of Alcohol Prevention
- Blog: The Prevention Dialogues

RESEARCH AND TOOLS

- Spotlight on Alcohol-Free Social Options
- Alcoholic Energy Drinks

EVENTS

- Annual Research Summit
- Webinars

What's New?

- Outside The Classroom announces merger with EverFi, Inc. the leading education technology platform that teaches, assesses, and certifies students in critical life skills.

EverFi™

<http://www.outsidetheclassroom.com/our-approach.aspx>

Clear List Search...

8 items, 89.95 GB available

GET STARTED

DreamSpark is simple:

It's about giving students Microsoft professional tools at no charge.

It's Easy:

1 Sign In

 [Get Verified](#)

 [Download](#)



DOWNLOAD BY PRODUCT

→ What kinds of software are you looking for?

- ☐ [Developer Tools \(13\)](#)
- ☐ [Designer Tools \(1\)](#)
- ☐ [Servers \(5\)](#)
- ☐ [Applications \(2\)](#)

 Microsoft®
Visual Studio® 2010
Professional

 **Windows Phone**

 **Windows Server® 2008 R2**
Standard

 **SmallBasic**

 Microsoft®
Visual Studio® 2010
Express

 Microsoft®
Visual Studio® 2008
Professional Edition

 **Windows Server® 2008**
Standard

Microsoft®
Expression® Studio 4
Ultimate

 Microsoft®
SQL Server® 2008
Developer

 **Game Studio 3.1**

Microsoft®
Robotics Developer Studio 2008 R3

 **Windows® Internet**
Explorer 9

GET TRAINING

By Reading

- [ASP.NET](#)
- [Beginner Learning Development Center](#)
- [Coding4Fun](#)
- [DotNETSlackers](#)
- [Getting Started with Visual Studio](#)
- [Windows Mobile](#)
- [Xbox 360 Game Development](#)

By Doing

- [.Toolbox](#)
- [App Hub](#)
- [CodePlex](#)
- [Expression Starter Kits](#)
- [Get Hands On at /Tech](#)
- [IT Academy Student Resources](#)
- [Kodu Game Lab](#)
- [Small Basic](#)
- [SQL Server Virtual Labs](#)
- [Visual Basic Virtual Labs](#)
- [Visual Studio Virtual Labs](#)

By Watching




NATIONAL STUDENT CLEARINGHOUSE®

The nation's trusted source for student degree and enrollment verification.™


USER LOGIN	Colleges & Universities	High Schools & Districts	Students & Alumni	Guarantors, Lenders & Servicers	Degree & Enrollment Verifiers
User Name <input type="text"/>					
Password <input type="password"/>					

[Forgot password?](#) [▶ Audit Resource Center](#) [▶ FTP Login](#) [▶ About Us](#) [▶ Careers](#) [▶ Contact Us](#) [Search](#)




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[▶ Participating Schools](#)
[▶ Certification Providers](#)
[▶ Join & Save](#)




Verify a Degree, Past Attendance or Certification

[▶ Participating Schools](#)
[▶ Certification Providers](#)
[▶ Join & Save](#)



Verify Current Enrollment

[▶ Participating Schools](#)
[▶ Join & Save](#)



Clearinghouse Schools

[▶ Full list of participating schools](#)
[▶ Electronic Transcript Exchange Registry](#)



More than 100 million
education verifications performed each year



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▶ view demo

▶ get a quote

qualtrics

sophisticated research made simple

QUALTRICS research suite

basic features

survey design

distribution

analysis & reporting

advanced

survey panels

custom reports

conjoint analysis

CRM integration

about qualtrics

client list

customer experience

what we offer

contact us

who uses qualtrics? fortune 500 companies

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corporate solutions

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- > EXPERIMENTAL RESEARCH
- > INSTITUTIONAL RESEARCH
- > SAMPLE-SIZE CALCULATOR
- > MORE



survey solutions



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Sign In Through Your Athens / Shibboleth Provider

You can access your institution's online subscription anywhere using your Athens or Shibboleth username and password - even when you sign in off-site.

If you are an Athens user, please click the link below.

[Sign in with Athens](#)

If you are a Shibboleth user, use the options below to find your institution.

BROWSE INSTITUTIONS:

A	B	C	D	E	F	G	H	I	J	K	L	M
N	O	P	Q	R	S	T	U	V	W	X	Y	Z

OR... [SEARCH BY INSTITUTION NAME:](#)

Enter the name of your institution.

SEARCH

Can't find your institution? Your institution may not be enabled for this type of authentication. Please contact your administrator for assistance or [register your institution with IEEE](#).

Already registered but not listed? Please contact
Online Support.

Please note: If you want to save searches or use IEEE Xplore alerting services, you still need to register for an IEEE Account.

[Learn more about Athens and Shibboleth.](#)

45 Results Returned for "U"

UMM-AL-QURA UNIVERSITY

University College London

Encouraging SP's to Join

[Home](#)[New to InCommon?](#)[Participants and Affiliates](#)[Assurance Profiles](#)[Education and Training](#)[Certificate Service](#)[Technical Information](#)[Site Admin Login](#)[Frequently Asked Questions](#)[Community Collaboration](#)[InCommon Community](#)[Collaboration Wiki](#)[Working with Sponsored Partners](#)[Library Resources](#)[Getting Help](#)[About/Contact](#)

Resources for Working with Sponsored Partners

Higher education institutions have a range of reasons for joining the InCommon Federation. Sometimes one application or service drives the decision, but the college or university doesn't federate with another sponsored partner.

Here are some resources to help - whether you are looking to join InCommon, are new to InCommon, or are looking to extend your federated identity program with other sponsored partners.

[Value Proposition on the Web](#) - You can point your vendors to this page, which explains the value of InCommon from their point of view.

Webinar and Presentations

["Working with Sponsored Partners"](#) (IAM Online Archive [Adobe Connect]) - Hear from John Harwood (Penn State) and Paul Caskey (University of Texas System) about how they approach potential sponsored partners.

Contract and RFP Language

Some higher education institutions work federated identity language into their contracts and requests for proposals (RFPs). Here are some samples and examples:

[University of California RFP language](#) (note that the "UCTrust" referred to is the University of California federation built on InCommon) - UC avoids incorporating technical specifications in this language by referring potential vendors to existing specifications at [UCTrust](#) and at InCommon.

University of Texas system language - Texas includes specific mention of SAML and the ability to pass assertions. Here is language under "Description of Vendor Solution" in RFPs:

Describe the technical aspects of LMS and Hosted Services proposed to be provided in connection with the LMS.

2.1 USER ACCESS. Include a statement of ability to comply with SAML 1.1, a standards-based single-sign on authentication method, in which the software/site in question allows System to authenticate a user and accepts System's assertion of authorization via SAML. At login, System will be the identity provider and will determine whether the user has authenticated properly using their local credentials. If the user authenticates correctly, System will redirect the user's browser and pass a SAML assertion to the system/site in question, which the system/site will consume in order to grant access.


SAML 1.1 is strongly preferred, but if system/site is unable to comply with SAML 1.1, include a statement of ability to support authentication via a proxy.

2.1.1 USE OF IDENTIFIER. Include a statement of understanding that the system/site shall not require its own internal username and password for users, nor

InCommon LogoWear

- Anyone that brings onboard a service provider will get a
an extra shirt!

Assurance Update



Collaboration Wiki

- InCommon Identity Assurance**
- Campus Practices
- Collaborative Projects
- Certificate Service Documentation
- Information from InCommon
- Technical Guide
- Federated Services Offered Through InCommon
- Toolkits
- InCommon Website
- InCommon.org
- Page Operations
- Browse Space

InC-Collaborate

InCommon Identity Assurance

Added by [John Krienke](#), last edited by [Dean Woodbeck](#) on Apr 06, 2011 ([view change](#))
Labels: [main](#)

The InCommon community announces the draft release of refined versions of the two documents that represent the foundations of its Identity Assurance program: The InCommon Identity Assurance Assessment Framework (IAAF) and the The InCommon Identity Assurance Profiles (IAP), also known as InCommon Bronze and Silver.

The public comment period for drafts of v1.1 has closed; thank you to those who provided feedback. You can still see the [review guide and the summary of changes](#) proposed for v. 1.1.

The Need for Refinement

The InCommon Identity Assurance 1.0 document set published in 2008 was largely based on the no-longer-extant US federal government eAuthentication Credential Assessment Framework. The federal government's requirements and priorities have since changed. New materials regarding electronic authentication and trust frameworks were published by the government's Identity, Credential and Access Management (ICAM) initiative in 2009.

In addition, a group of early-adopter campuses has been working through the assessment process of the Silver Assurance Profile and developed a number of questions and recommendations, including important contributions from both IT and Audit staff.

Together these developments created strong motivation to simplify and clarify the InCommon Identity Assurance documents while retaining their basic structure and intent. Both government requirements and real-world assessment experience from campuses have been incorporated.

An FAQ about the InCommon Identity Assurance Program is now available: <https://spaces.internet2.edu/x/dQBvAQ>

The community wishes to thank the schools that have been working on the Silver adoption process – the Committee for Institutional Cooperation (CIC)'s

✔ **DRAFTS OF REFINED DOCUMENTS**

Identity Assurance Assessment Framework (IAAF)

- [IAAF 1.1 Public Review Draft](#) [PDF]

Identity Assurance Profiles (IAP) Bronze & Silver

- [IAP 1.1 Public Review Draft](#) [PDF]

[Review Guide to Changes](#)

Assurance links

[Frequently Asked Questions](#) About the Assurance Program and the Refinement Process

[InCommon Assurance Web page](#)

[Silver Report from the CIC: Phase 1](#) [PDF] – A report from the first of three phases of the CIC effort to implement Silver.

User Consent and U-Approve

University of Southern California

USCnet Login

USC

The service "spaces" requires some information about you. To access this service, you must agree to enable the release of the following information:

Digital ID Card	
Display Name	Russell Beall
USC E-mail Address	beall@usc.edu

Cancel Agree

More info:

moxie
Software®

<http://www.moxiesoft.com/>

Privacy policy:
http://www.moxiesoft.com/tal_about/privacy.aspx?terms=privacy+policy

Research.gov & InCommon
Internet2 Member Meeting
April 2011
Shauna Benson



Research.gov

- Supports the needs of institutions and researchers
 - Modernization of FastLane providing next generation grants management capabilities to meet the unique needs of the research community
- Increases transparency of federal research spending and outcomes
- Provides the public, scientific community and Congress with easy access to information about:
 - How federal research funds are being spent
 - What outcomes are being achieved
 - How those outcomes benefit society
- Leverages government-wide standards

InCommon Federation Pilot

- NSF joined the InCommon Federation in 2009 to provide NSF's research and education community easier access to online services using Research.gov
- InCommon gives researchers and sponsored programs offices secure access to Research.gov using the institution's user ID and password, leveraging technology that was developed under an NSF-funded grant
- Benefits for researchers include:
 - the secure exchange of information and access to web-based resources
 - the capability of using the same login credentials with other federal agencies
 - reduced number of user IDs and passwords

Status of Pilot

- Pilot Phase I- October 2010
 - Pennsylvania State University
 - University of Washington
 - University of California-Davis
- In May 2011, the InCommon Program will be open to all InCommon member institutions
- Interested institutions should contact Research.gov by emailing feedback@research.gov

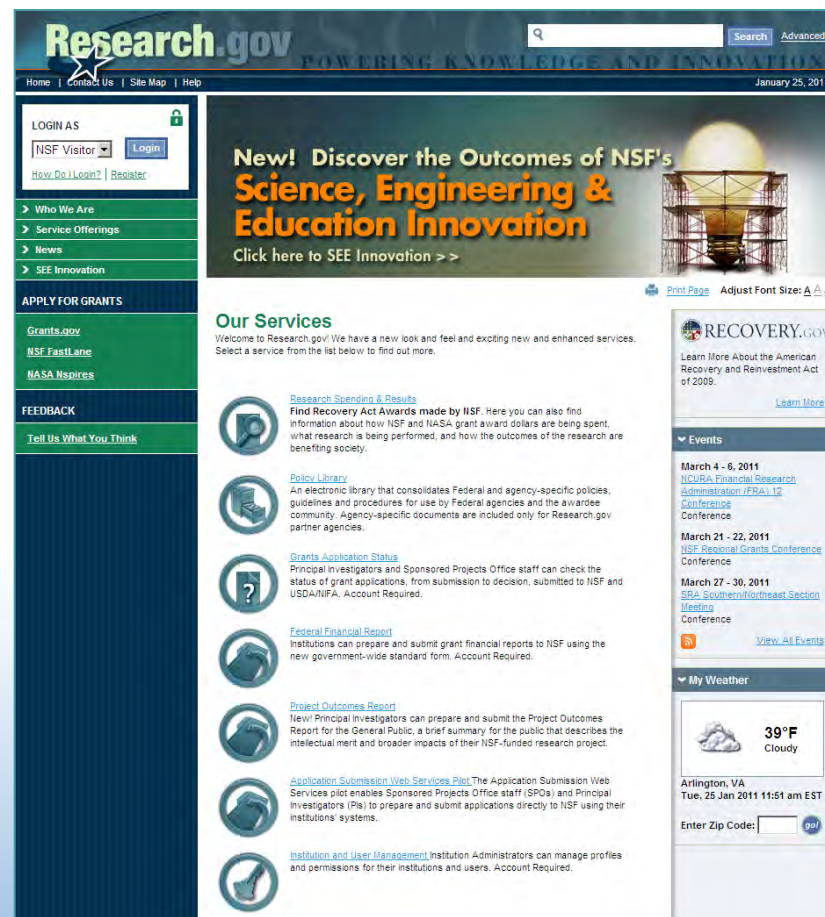
■ Public Facing Services:

- Research Spending & Results
- SEE Innovation
- Policy Library (Government-wide)
- Research Headlines & Events

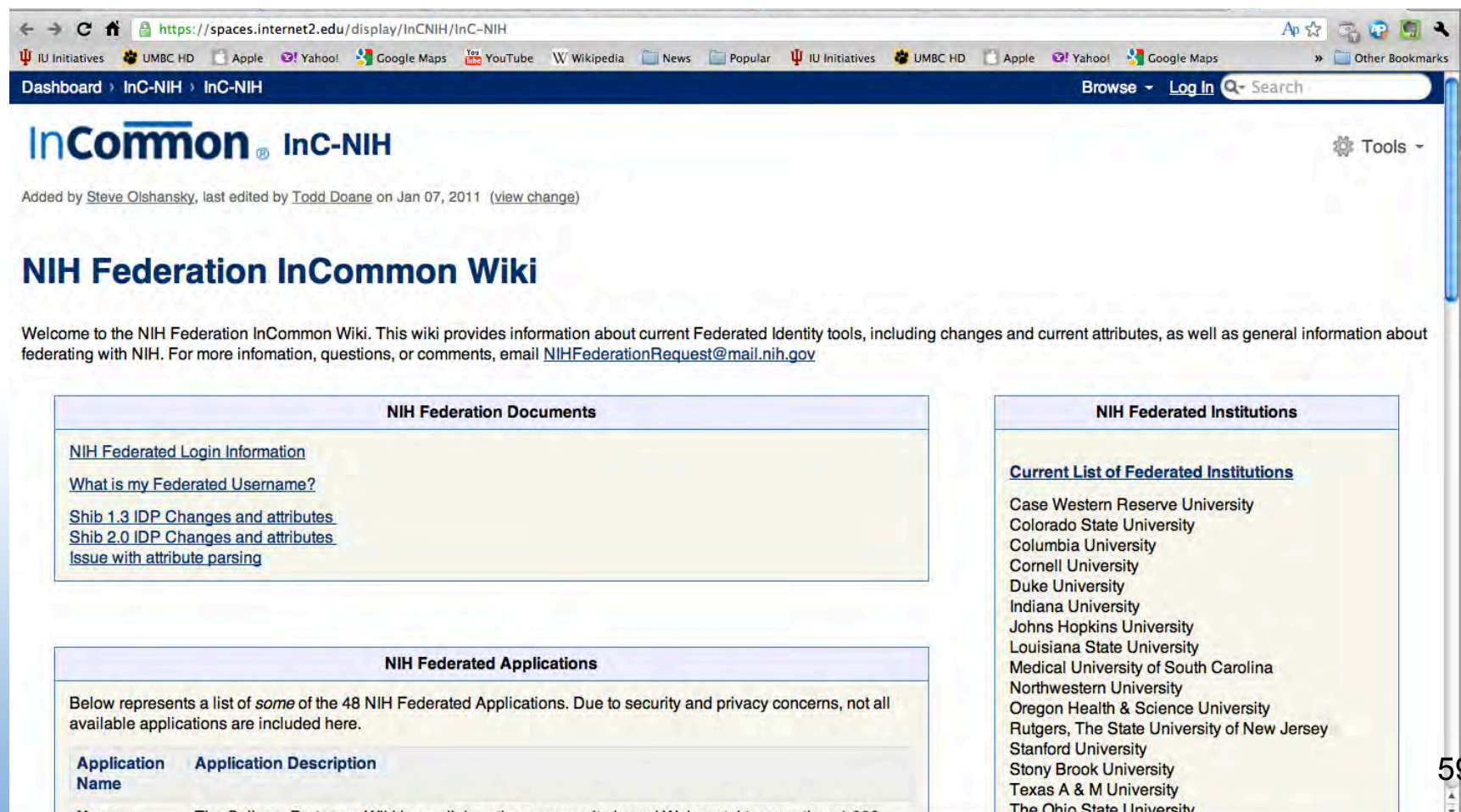
■ Research Community Services:

- Project Outcomes Report for the General Public
- Federal Financial Reports
- Grants Application Status
- Manage institution and user accounts
- Application Submission Web Service
- InCommon (now in pilot)
- Research Performance Progress Reports (planning stage)

■ Personalization enhancements



NIH Update



Dashboard > InC-NIH > InC-NIH

InCommon InC-NIH

Added by [Steve Olshansky](#), last edited by [Todd Doane](#) on Jan 07, 2011 ([view change](#))

NIH Federation InCommon Wiki

Welcome to the NIH Federation InCommon Wiki. This wiki provides information about current Federated Identity tools, including changes and current attributes, as well as general information about federating with NIH. For more information, questions, or comments, email NIHFederationRequest@mail.nih.gov

NIH Federation Documents

- [NIH Federated Login Information](#)
- [What is my Federated Username?](#)
- [Shib 1.3 IDP Changes and attributes](#)
- [Shib 2.0 IDP Changes and attributes](#)
- [Issue with attribute parsing](#)

NIH Federated Applications

Below represents a list of *some* of the 48 NIH Federated Applications. Due to security and privacy concerns, not all available applications are included here.

Application Name	Application Description
Human	The Culture Partners Wiki is a collaborative, community-based Web portal to more than 4,000

NIH Federated Institutions

[Current List of Federated Institutions](#)

- Case Western Reserve University
- Colorado State University
- Columbia University
- Cornell University
- Duke University
- Indiana University
- Johns Hopkins University
- Louisiana State University
- Medical University of South Carolina
- Northwestern University
- Oregon Health & Science University
- Rutgers, The State University of New Jersey
- Stanford University
- Stony Brook University
- Texas A & M University
- The Ohio State University

Recent NIH Services

- Web Collaboration using Connect
[http://webcollaboration.nih.gov/nihLogin.aspx#faq_actions.](http://webcollaboration.nih.gov/nihLogin.aspx#faq_actions)
- PubMed – NLM Biotechnology information comprising 20 million articles
- CTSA Wiki – Clinical and translational science award
- APR SIS – Annual Project Report System
- Fifty universities have registered, to verify your participation go to:
<https://nihlogin.nih.gov/NIHfederation/ViewFederatedUniversities.aspx>

Activity and Drivers in other Trust Services

Certificate Service

Home | About InCommon | Join InCommon

Home

New to InCommon? ▶

Participants and Affiliates ▶

Assurance Profiles

Education and Training ▶

Certificate Service

Certificate Service Overview

Official Documents

Intros and Demos

Approval Process

FAQ

Fee Schedule

Client Certificates

EV Certificates

Subscribe

Support

List of Subscribers

Certificate Manager Login

Technical Information ▶

Site Admin Login

Frequently Asked

InCommon® CERTIFICATES

The InCommon Cert Service, created by and for the higher education community, provides **unlimited server and personal certificates for one low fee.**

Why the InCommon Cert Service?

Unlimited SSL, EV, personal signing, encryption, and code signing PKI certificates are all included in one fixed annual fee - it's your one certificate source for all campus servers.

One fixed annual fee for all of your certs in all of your domains.

Certs for all of your domains — including professional societies, athletic sites (.edu, .net, .org, .com). If you own the domain, it is included in the one annual fee.

Read about 2048 bit SSL Certificates [PDF]

See a list of the current subscribers

Twenty-five percent discount for Internet2 members.

Webcast Available

On this [archived webcast](#), the University of California, Berkeley, leads you through their implementation of the cert service. You can also [download the slides](#) from the webcast and [read the documentation](#) on a public wiki.

Status

The cert service now provides unlimited SSL certs. Testing is progressing on EV certs and personal certs.

Eligibility

Any higher education institution with its primary location in the United States is eligible.

Additional Benefits

Service developed by and for the higher education community. **Your funds stay in higher ed.**

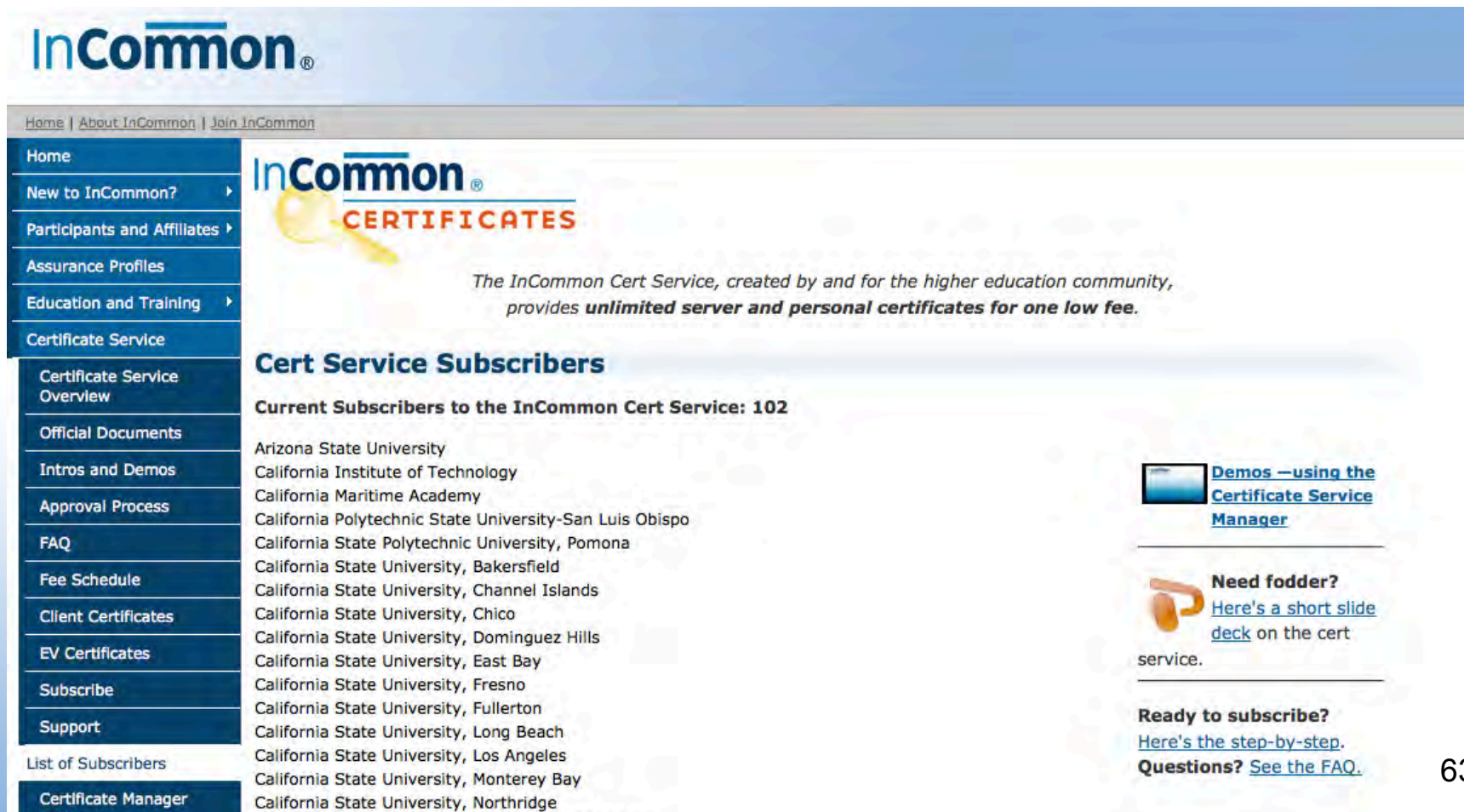
Contracted with Comodo, a leading commercial provider of certificates.

Campus staff create and control certificates through the Certificate Services Manager web interface.

Innovative — The first real step toward signed email and second-factor authentication in US higher education.

You have a say in pricing and services. Participants govern InCommon and ultimately control the pricing, benefits and

Certificate Service



The screenshot shows the InCommon Certificates website. The header features the InCommon logo and navigation links: Home, About InCommon, and Join InCommon. A left sidebar contains a menu with items like Home, New to InCommon?, Participants and Affiliates, Assurance Profiles, Education and Training, Certificate Service (selected), Certificate Service Overview, Official Documents, Intros and Demos, Approval Process, FAQ, Fee Schedule, Client Certificates, EV Certificates, Subscribe, and Support. Below the sidebar, a list of subscribers is displayed, including Arizona State University, California Institute of Technology, California Maritime Academy, and various California State Universities. The main content area has a large heading 'InCommon CERTIFICATES' with a tagline: 'The InCommon Cert Service, created by and for the higher education community, provides unlimited server and personal certificates for one low fee.' Below this is a section titled 'Cert Service Subscribers' with the text 'Current Subscribers to the InCommon Cert Service: 102'. On the right side, there are three promotional boxes: 'Demos —using the Certificate Service Manager' with a video icon, 'Need fodder? Here's a short slide deck on the cert service.' with a presentation icon, and 'Ready to subscribe? Here's the step-by-step. Questions? See the FAQ.' with a document icon.

InCommon®

Home | About InCommon | Join InCommon

InCommon®
CERTIFICATES

*The InCommon Cert Service, created by and for the higher education community, provides **unlimited server and personal certificates for one low fee.***

Cert Service Subscribers

Current Subscribers to the InCommon Cert Service: 102

- Arizona State University
- California Institute of Technology
- California Maritime Academy
- California Polytechnic State University-San Luis Obispo
- California State Polytechnic University, Pomona
- California State University, Bakersfield
- California State University, Channel Islands
- California State University, Chico
- California State University, Dominguez Hills
- California State University, East Bay
- California State University, Fresno
- California State University, Fullerton
- California State University, Long Beach
- California State University, Los Angeles
- California State University, Monterey Bay
- California State University, Northridge

Demos —using the Certificate Service Manager

Need fodder?
[Here's a short slide deck](#) on the cert service.

Ready to subscribe?
[Here's the step-by-step.](#)
Questions? [See the FAQ.](#)

Personal Certificates

- Use Case for personal certificates
 - VPN authentication
 - Wireless authentication
 - Web portal authentication
 - Signed electronic email
 - Encrypted electronic email
 - Digital signatures
 - Globus and grid computing

Standard Personal Certificate Roadmap

1. General certificate availability and CPS
2. Document certificate-enabled applications
3. Certificates on mobile devices (iPhone & Android)
4. Comodo client certificates API (for large scale)
5. Certificate installation Automation best practices
6. Test Simple Certificate Enrollment Protocol (SCEP)
7. Integrate a Shibboleth-enabled access with certificates.

<https://spaces.internet2.edu/display/InCCollaborate/Client+Certificate+Deployment+Roadmap>

InCommon®

Collaboration Wiki

- Common Identity Assurance
- Campus Practices
- Collaborative Projects
- Certificate Service Documentation
- Information from Common
- Technical Guide
- Federated Services Offered Through Common
- Toolkits
- Common Website
- Common.org
- Page Operations
- Browse Space
- Add Content

Welcome [Jack Sues](#) | [Update Status...](#) | [Recently Viewed](#) | [Settings](#)

InC-Collaborate

Client Certificate Deployment Roadmap

Added by [John Krienke](#), last edited by [James A. Jokl \(jaj\);Jim Jokl](#) on Mar 23, 2011 ([view change](#))

Labels: [ADD LABELS](#)

This document is a work in progress, intended to evolve over time. Experience and suggestions from the community are welcomed.

Introduction

The ability to *mint* digital certificates for your users is really just one small component of the overall work involved in a successful wide PKI deployment. Many campus PKI projects have been less than successful by not focusing enough on the whole product and usability of the applications they support with certificates. If deployed properly, digital certificates can build a more secure environment while also being more convenient for users than traditional password-based systems. Some examples of campus-based certificate applications, listed below in a reasonable campus deployment order, include:

- **VPN Authentication**
Like web authentication, once a user has a certificate installed on their workstation, it can typically be leveraged easily by many IPsec and SSL VPN systems. The use of certificates for VPN authentication eliminates the need for users to type their passwords and often removes the need to maintain an additional password database. Simply clicking on the connect button provides a secure VPN path.
- **Wireless Authentication**
The use of certificates and EAP-TLS and certificates for authentication to the campus wireless networks improves security and a significant ease of use enhancement for end users. From a user's perspective, when their device is within range of a campus Access Point, it securely connects in the background. No captive portal, entering passwords, or other such inconvenient mechanisms. Certificate-based wireless authentication also removes significant risk from rogue access points being used to capture user passwords. Migrating to EAP-TLS for wireless authentication also prepares a campus for simple configuration in eduRoam. You may also wish to pursue the use of certificates to authenticate users to the campus wired network.
- **Web Authentication**
Most web servers and browsers make certificate-based authentication easy to implement and use. A typical campus implementation might prefer the use of certificates over passwords for authentication to the central campus Web SSO system. Application owners should always consider if part of their user community (e.g., guests) may not have certificates. The use

66

The Brick Testament

Old Testament > Judges >

42,000 Ephraimites Killed



Judges 12:5-6

If he said, 'No,' they would say to him, 'All right, say "Shibboleth".'



InCommon “Hot Topics” Questions????

www.incommon.org

incommon-info@incommonfederation.org